

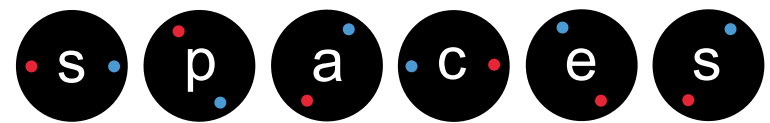
s p a c e s

FOR THE COMMUNITY

2019 YEARBOOK







**FOR THE COMMUNITY**

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2019 YEARBOOK



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

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# CONTENTS

<b>Welcome</b>	7
----------------	---

About SPACES	8
--------------	---

## Winners

Sapphire Ice and Leisure	12
--------------------------	----

Battle of Britain Bunker Visitor Centre	14
---	----

Chichester Free School	15
------------------------	----

National College of High Speed and Rail	16
---	----

Loddiwell Primary School	17
--------------------------	----

Whitchurch Silk Mill	18
----------------------	----

The Belham Primary School	19
---------------------------	----

London Borough of Barking	20
---------------------------	----

## Nominated Schemes

### SCOTLAND & NORTH EAST

Riverbrae School	24
------------------	----

Springwell Leeds SEMH	25
-----------------------	----

Mackintosh at The Willow	26
--------------------------	----

PROTO-The Emerging Technology Centre	27
--------------------------------------	----

Perth Theatre	28
---------------	----

Partick Bus Station	29
---------------------	----

Galashiels Academy	30
--------------------	----

Middlesbrough Town Hall	31
-------------------------	----

Quarry Road Offices	32
---------------------	----

Cannon Hall Pet Crematorium	33
-----------------------------	----

St Paul's Primary School/Foxlea	
---------------------------------	--

Early Learning & Childcare Centre	34
-----------------------------------	----

St George's House	35
-------------------	----

Fieldhead Carr Primary School	36
-------------------------------	----

Stoneywood School	37
-------------------	----

Land Of Oak & Iron Heritage Centre	38
------------------------------------	----

### NORTH WEST & MIDLANDS

Khalsa Academy	42
----------------	----

Belton Country Park Visitors Centre	43
-------------------------------------	----

Long Marton Primary School	44
----------------------------	----

New College Doncaster	45
-----------------------	----

St Julie's Catholic High School	46
---------------------------------	----

Red Kite Academy	47
------------------	----

### EAST OF ENGLAND

Littleport Co-Located School	52
------------------------------	----

RHS Garden Hyde Hall Hilltop Complex	53
--------------------------------------	----

Eileen Ash Sports Hall	54
------------------------	----

Stanway School	55
----------------	----

St Clements Primary School	56
----------------------------	----

Newhall Primary Academy	57
-------------------------	----

Magna Carta Primary Academy	58
-----------------------------	----

St Michael's Primary	59
----------------------	----

Kesgrave High School	60
----------------------	----

New Riverwalk Campus	61
----------------------	----

Yoxford & Peasenhall	62
----------------------	----

Exning Primary School	63
-----------------------	----

The Limes Primary Academy	64
---------------------------	----

Beaulieu Square	65
-----------------	----

Chapel Green School	66
---------------------	----

Phoenix Enterprise Park	67
-------------------------	----

Stansted Airport College	68
--------------------------	----

### SOUTH EAST & LONDON

The Spaces in Between	72
-----------------------	----

Robert May's School	73
---------------------	----

The Lookout at Lepe Country Park	74
----------------------------------	----

The Academic Centre	75
---------------------	----

Three Rivers Academy	76
----------------------	----

Welldon Park Junior School	77
----------------------------	----

Edison Primary School	78
-----------------------	----

John Keats Primary School	79
---------------------------	----

Chesil Lodge	80
--------------	----

Kingsgate Primary School	81
--------------------------	----

Bobby Moore Academy Secondary School	82
--------------------------------------	----

Kew Gardens Great Pagoda	83
--------------------------	----

Binfield Learning Village	84
---------------------------	----

Robert Clack Lower School	85
---------------------------	----

The Junction	86
--------------	----

Slough Ice Arena	87
------------------	----

Marjory Kinnon Sen School	88
---------------------------	----

Niksham School	89
----------------	----

Phase 2 Harris Academy	90
------------------------	----

Concordia Academy	91
-------------------	----

### WALES & SOUTH WEST

Cwmaman Primary School	94
------------------------	----

Weymouth House	95
----------------	----

Ysgol Gyfun Gwent Is Coed /	
-----------------------------	--

The John Frost School	96
-----------------------	----

Twynham Primary School	97
------------------------	----

IQE Cluster House	98
-------------------	----

Dartington Primary	99
--------------------	----

National College For Nuclear (South)	100
--------------------------------------	-----

Great Western Academy	101
-----------------------	-----





# YEARBOOK 2019

## Welcome

### 2019 Yearbook

Welcome to the 2019 Yearbook. It is a great pleasure to be writing the foreword in the SPACES Yearbook, celebrating another year of publicly funded projects. This year the standard of entries has been very high, and we have had a record number of projects entered, with a huge range of project types. It's not just about large, high profile projects; and this Yearbook illustrates the very broad range of buildings that all make a difference to the public. SPACES is an organisation that brings together property professionals from across all sectors into one collaborative group. 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.

For those in the public sector (and have a '.gov' e-mail address), membership of SPACES is now free and you can join at <https://thespaces.org.uk/member-registration2019/>. For everyone else, company or individual membership is very cost effective and offers contact with an extensive network of members.

A huge thanks goes to all those who have supported the production of the Yearbook, the judging of the buildings and supporting SPACES in another year. We also appreciate all the sponsors that have made the Yearbook possible by advertising and again helping SPACES to promote great public sector projects. If you want to be part of the 2020 Yearbook or Awards, then please get in touch now. Entries for 2020 will be open in January 2020.

Andrew Rowe  
President of SPACES

**The Society for Public Architecture, Construction, Engineering and Surveying (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.

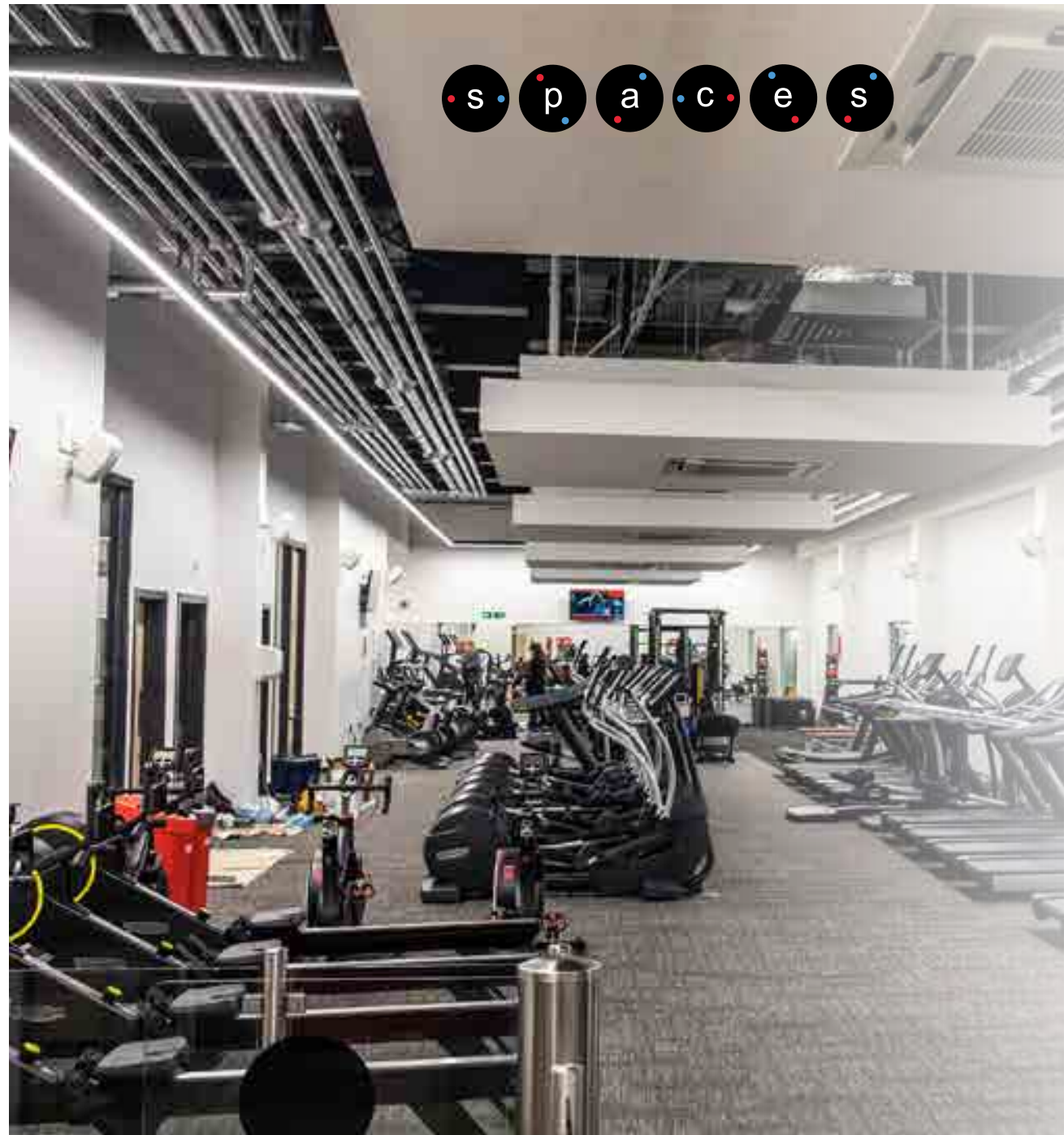
We are a not-for-profit collaborative organisation run by its members for those in the building professions who work in and for the public sector. We are committed to assisting our members in achieving the highest possible standards in the commission, designing, constructing, managing and maintaining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





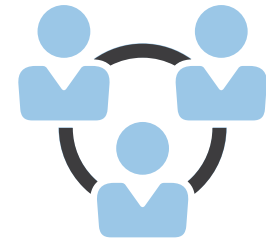
# SPACES IN NUMBERS

c. £20<sub>bn</sub>

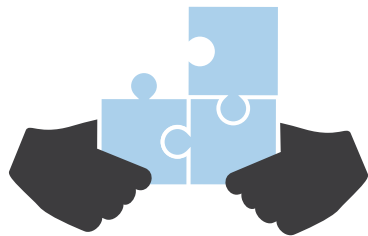
Our membership is involved in the delivery of £20bn of public works per annum



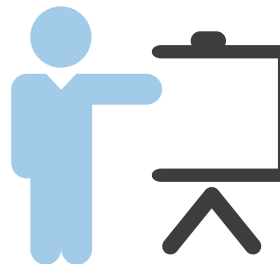
Our Yearbook is distributed to all local authorities in the UK



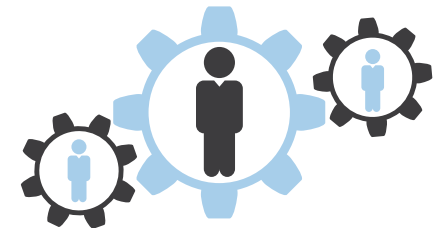
We engage with over 17,000 professionals involved in public building works



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



Our 2019 study day, with the theme 'Education', attracted over 100 delegates from across all parts of the property cycle nationwide



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



s p a c e s

Winners

# SAPPHIRE ICE & LEISURE CENTRE

Located on an extremely constrained site this project involved the construction of a gym, a full size ice rink including capacity for 1000 spectators plus a pool hall containing a 25m x 8 lane pool and learner pool. In response to the small site footprint, the project became the second site ever to locate a rink above a pool. Ice rinks and pools are complex constructions in their own right. Putting both, above each other, in the same building required effective collaboration between all parties (design team, supply chain, client and contractor) to ensure the right, bespoke solution was delivered to ensure the successful delivery of the project.

The construction phase faced significant challenges including air tightness between the cold space of the ice rink and warm, moist space of the pool area, which had to be detailed carefully to eliminate the risk of condensation. This was tackled through detailed condensation analysis alongside very careful quality management on site.

Also the large span required over the pool to support the ice rink brought its own challenges. Excessive deflection would damage the ice and the rink needed to be designed to take up to 1000 people plus a 7.5 tonne ice resurfacing machine. The structural solution met this challenge but required careful sequencing within the site constraints and busy town centre location.

Excellent customer relations have been maintained throughout the life of this project and continue today. The client and their leisure provider are very proud of their facility and with their three year operational membership targets being exceeded by the second operational month, the community have demonstrated its need.

**SUBMITTING ORGANISATION:**  
WILLMOTT DIXON

**CLIENT:**  
LONDON BOROUGH OF HAVERING

**VALUE:**  
£28.5M

**PROJECT MANAGER:**  
CURRIE & BROWN

**ARCHITECT:**  
SAUNDERS BOSTON ARCHITECTS

**CONTRACTOR:**  
WILLMOTT DIXON

**SURVEYOR:**  
CURRIE & BROWN









SHORTLISTED LONDON | COMPLETED MARCH 2018

# BATTLE OF BRITAIN BUNKER – VISITOR CENTRE

The Battle of Britain Visitor Centre in the centre of Uxbridge is designed to sit stealthily into its surroundings, mimicking the appearance of a high-tech fighter aircraft. The building showcases the Grade I listed Battle of Britain Bunker and provides education and exhibition space for people of all ages to enjoy and learn about the important role it played in the Battle of Britain.

The Bunker, and those who staffed it, played a crucial role in the air defence of the UK throughout the Second World War and the new visitor centre tells their story through an interactive exhibition for the first time.

The visitor centre is 2,000m<sup>2</sup> across two floors, with the main exhibition hall in excess of 500m<sup>2</sup>. Additionally, there is a 95-seat lecture theatre, library, workshops, offices and café/gift shop. The displays in the visitor centre include full size replica aircraft, original artefacts, wartime footage and oral histories.

Prior to the opening of the Visitor Centre, yearly visitor numbers to the bunker were 8,000, but in the first ten months of opening, it has already welcomed 24,000 visitors.



**SUBMITTING ORGANISATION:**  
FAITHFUL + GOULD

**ARCHITECT:**  
PATTERN ARCHITECTS

**CLIENT:**  
LONDON BOROUGH OF  
HILLINGDON

**CONTRACTOR:**  
VOLKER FITZPATRICK

**VALUE:**  
£5M

**SURVEYOR:**  
FAITHFUL + GOULD

**PROJECT MANAGER:**  
FAITHFUL + GOULD

# CHICHESTER FREE SCHOOL

The convent was built in 1870 for an order of nuns, called Carmelites. The Carmelites left the convent in 1994 and the building fell into a dilapidated state. In 2009, a fire left a dangerous structure without a roof.

The contractors and architects were appointed in 2016 to build this 1,250-place all-through school and renovate the convent. The heart of the school, the convent, was planned to accommodate the school's dining halls, administration staff, SEND, library and sixth form.

The building was thermally improved; the existing windows and doors were replaced, and a new roof and new floors were installed. Acoustic floating floors and sub-ceilings were built to allow and prevent impact and sound transmission passing through the existing wood floor.

The interface between old and new was key, so as not to undermine the existing convent. It was laser surveyed during construction to monitor movement and photographed throughout for conservation.

The new primary school wing has a steel frame and concrete deck. The new roofs replicated the 60-degree pitch of the existing convent. The architects and contractors worked with the planners and conservation team to ensure the architecture and detailing was fully restored.



**SUBMITTING ORGANISATION:**  
DEPARTMENT FOR EDUCATION

**CLIENT:**  
DEPARTMENT FOR EDUCATION

**VALUE:**  
£29M

**PROJECT MANAGER:**  
MACE GROUP

**ARCHITECT:**  
NOVIUN ARCHITECTS

**CONTRACTOR:**  
FARRANS

**SURVEYOR:**  
TURNER & TOWNSEND







SHORTLISTED DONCASTER | COMPLETED JULY 2018

# NATIONAL COLLEGE OF HIGH-SPEED RAIL

A Flagship for the National Colleges initiative from the government's Department of Business Innovation and Skills, this campus seeks to address the national high-level skills gap and to ensure vocational training options are as attractive to young people as traditional academic HE.

Bond Bryan delivered this BREEAM 'Excellent' scheme for Doncaster Metropolitan Borough Council. The scheme's design pays homage to Doncaster's culturally significant contributions to the rail industry and railway heritage, with the glazed windows at each side shining as beacons and the saw-tooth roof form acting as a contemporary interpretation of the traditional engineering factory. This scheme was awarded both the RIBA Yorkshire Sustainability Award and the overall RIBA Yorkshire Award both in 2018.



**SUBMITTING ORGANISATION:**  
BOND BRYAN

**ARCHITECT:**  
BOND BRYAN

**CLIENT:**  
DONCASTER METROPOLITAN  
BOROUGH COUNCIL

**CONTRACTOR:**  
WILLMOTT DIXON

**VALUE:**  
£25M

**PROJECT MANAGER:**  
BOND BRYAN

# LODDISWELL PRIMARY SCHOOL

Opened to staff and pupils in April 2018, this new four-class school now has, for the first time, all its facilities on one site.

The old school buildings and site fell well below DfE area guidance for mainstream educational provision and the constraints made alteration unviable.

Loddiswell falls entirely within the South Devon Area of Outstanding Natural Beauty (AONB) and the concept of the building took precedents from the agricultural vernacular of the landscape.

The design of the building uses a highly efficient thermal envelope and maximises natural daylighting and ventilation. A prefabricated structurally insulated panel system (SIPS) was used as an innovative design solution for the superstructure.

Sustainable features include PV panels which, together with the provision of air source heat pumps and fabric first approach has achieved an energy performance score of -1 (A+ rated) resulting in a zero carbon in use facility.

The new school will provide a social benefit to the community as it supports the growing number of children in the village and provides job opportunities, giving an economic benefit.

The project recently received a Gold Award for Best Educational Building from Devon Building Control Partnership who classed the project as exceptional.



**SUBMITTING ORGANISATION:**  
NPS GROUP

**ARCHITECT:**  
NPS GROUP

**CLIENT:**  
DEVON COUNTY COUNCIL

**CONTRACTOR:**  
MIDAS GROUP

**VALUE:**  
£2.4M

**SURVEYOR:**  
NPS GROUP

**PROJECT MANAGER:**  
NPS GROUP







SHORTLISTED WHITCHURCH | COMPLETED SEPTEMBER 2018

# WHITCHURCH SILK MILL

Built in 1815, Whitchurch Silk Mill is the oldest working silk mill in the UK. It is located on an island within the River Test, and comprises the Grade II\* listed mill, a smaller shop building and two landscaped lawns. In 2016 the Mill received a Heritage Lottery Fund grant to repair, conserve and extend the site and buildings.

The approach to the conservation works was one of minimal intervention, repairing only damaged or decayed areas of the fabric of the building, and undertaking any new works in a sensitive and discreet way. Design interventions were judged relative to the sensitivity of each element and repairs were undertaken using traditional methods and materials.

A modern extension to the existing shop enabled the creation of enhanced retail, ticketing and café facilities, and was clad in a palette of zinc and black timber. It is recessive in scale, preserving clear views of the mill.

As a result of the project there is now a secure future for Whitchurch Silk Mill, not only as a visitor attraction, but also a source of employment for the local community, where traditional silk weaving skills are kept alive in an inspiring and beautiful location.



**SUBMITTING ORGANISATION:**  
HAMPSHIRE COUNTY COUNCIL  
PROPERTY SERVICES

**CLIENT:**  
HAMPSHIRE COUNTY COUNCIL  
PROPERTY SERVICES

**VALUE:**  
£1.3M

**PROJECT MANAGER:**  
HAMPSHIRE COUNTY COUNCIL  
PROPERTY SERVICES

**ARCHITECT:**  
HAMPSHIRE COUNTY COUNCIL  
PROPERTY SERVICES

**CONTRACTOR:**  
MOUNTJOY

**SURVEYOR:**  
HAMPSHIRE COUNTY COUNCIL  
PROPERTY SERVICES



# THE BELHAM PRIMARY SCHOOL

The Belham School is a new 2FE primary school which centres around the sensitive restoration and extension of the Grade II Listed Old Bellenden School, which had not functioned as a school for many years. We have carried out essential remedial works to restore the listed fabric, safeguarding the building's future, together with the provision of a significant 3 storey new build extension.

The positioning of the new build was challenging given complex party wall issues, overlooking from neighbours, rights of light implications and the historic gables of the existing building which Historic England were keen to preserve. Through extensive consultation with the school, governors, parents, children, the local community, the Local Authority, the planners and Historic England, the modern addition has been hugely successful referencing the listed building's scale, whilst still being appropriately subservient to the original building.

The three-storey nature of the extension has minimised the impact on external space, and also allowed us to integrate innovative roof terraces at different levels to maximise outside learning opportunities for the children. This project balanced the needs of conservation, development, sustainable design, stakeholder engagement and outstanding architecture for the benefit of its diverse and dynamic community in central London.



**SUBMITTING ORGANISATION:**  
HAVERSTOCK

**ARCHITECT:**  
HAVERSTOCK

**CLIENT:**  
LONDON BOROUGH OF SOUTHWARK

**CONTRACTOR:**  
MORGAN SINDALL

**VALUE:**  
£10.3M

**SURVEYOR:**  
KEEGANS

**PROJECT MANAGER:**  
LONDON BOROUGH OF SOUTHWARK





SHORTLISTED LONDON | COMPLETED APRIL 2018

# LBBD BARKING TOWN HALL REFURBISHMENT

In a drive to rationalise their estate and close Dagenham Town Hall, London Borough of Barking & Dagenham commissioned the refurbishment of the existing 1930's-built Barking Town Hall. The D&B brief was to convert the existing cellular office spaces into modern, open-plan, hot-desking offices to accommodate increased staff numbers; all whilst keeping the Town Hall open for business.

The project required significant temporary works to support the masonry walls whilst structural steel frames were inserted through the four floors of the building. The fabric of the building was enhanced with replacement sash windows throughout and external walls were stripped back to the masonry and lined with a Pavadry insulation system which maximised the u-value whilst avoiding condensation and ventilation issues.

M&E services were replaced throughout the Town Hall, with efficiency at the forefront of the brief. Energy strategy reviews were carried out to value-manage the design proposals and ensure that the final installation was lean, clean and green.

Social Value initiatives included; operating an Employment & Skills Plan which gave work to over 20 locals, providing full-time employment to a Trainee Site Manager, financial support to LBBD good causes and winning a National CCS hoarding scheme, which was decorated by local school pupils.

**SUBMITTING ORGANISATION:**  
BARNES CONSTRUCTION

**ARCHITECT:**  
LAP ARCHITECTS

**CLIENT:**  
LONDON BOROUGH OF BARKING  
& DAGENHAM

**CONTRACTOR:**  
BARNES CONSTRUCTION

**VALUE:**  
£8.3M

**SURVEYOR:**  
POTTER RAPER

**PROJECT MANAGER:**  
STACE



NOMINATED 2019





At Monodraught we are committed to minimising the carbon footprint of every building to which we supply ventilation, cooling, heating or lighting



## Pioneering British Greentech

### Hybrid Ventilation

Designed to provide natural and hybrid ventilation utilising full fresh air on warm days and temper air via mixing for winter periods



### Natural Ventilation & Heat Recovery

Brings a steady supply of fresh air into the building and ensures high oxygen levels whilst expelling stale air

IES

### Building Simulation

Our dedicated engineers will select the most energy efficient equipment and design controls to maximise user comfort whilst minimising running costs

Delighted to have been awarded the contract to provide the Hybrid and Natural Ventilation systems to the following projects:

- Bobby Moore Academy (p. 13)
- Kingsgate Primary School (p. 23)
- Fieldhead Carr Primary School (p. 58)
- Littleport Academy (p. 24)
- Loddiswell Primary School (p. 26)
- Magna Carta Primary Academy (p. 76)
- Robert May's School (p. 35)
- St Michael's Primary (p. 77)

[www.monodraught.com](http://www.monodraught.com) ■ [info@monodraught.com](mailto:info@monodraught.com) ■ 01494 897 700



NOMINATIONS

# SCOTLAND & NORTH EAST





SHORTLISTED RENFREWSHIRE | COMPLETED OCTOBER 2017

# RIVERBRAE SCHOOL

Riverbrae School brings together three independent facilities into one and accommodates children ranging from six months to eighteen years. The pupils have a variety of learning needs and to cater for this many different class and support accommodation layouts evolved.

From its inception the school was to be welcoming and non-institutional. This led to the development of domestic architectural language and, through the introduction of wings/courtyards, broke down the scale of what is a very large building. With a one school ethos each wing would have its own identity and separate drop off/entrance along with dining, external learning and play areas. Pastel colours were used to strengthen the identity of the Nursery, Primary, Secondary and Complex Learning wings. Shared facilities in the form of a pool, hydro-pool, gyms and drama rooms sit at the heart of the school allowing ready access for pupils. Complex Needs learning classes cluster around the main external courtyard, great emphasis was placed in creating a stimulating and varied external environment for the pupils.

The school utilises natural ventilation and daylighting creating a healthy learning environment, and biomass boilers bolster its environmental credentials.



**SUBMITTING ORGANISATION:**  
RENFREWSHIRE COUNCIL -  
PROPERTY SERVICES

**CLIENT:**  
CHILDRENS SERVICES -  
RENFREWSHIRE COUNCIL

**VALUE:**  
£16M

**PROJECT MANAGER:**  
RENFREWSHIRE COUNCIL -  
PROPERTY SERVICES

**ARCHITECT:**  
RENFREWSHIRE COUNCIL -  
PROPERTY SERVICES

**CONTRACTOR:**  
DC COMMUNITY PARTNERSHIPS

**SURVEYOR:**  
RENFREWSHIRE COUNCIL -  
PROPERTY SERVICES

# SPRINGWELL LEEDS SEMH

Springwell Leeds - Social Emotional and Mental Health Schools are three new facilities that redefine SEMH provision across the city. They provide supportive environments that address issues such as depression; poor social skills and anti-social behaviour, allowing students to thrive and achieve their personal goals. Each school accommodates 100 pupils aged 11 to 16.

In recognition of the ongoing need for cost efficient school models in the education sector, Springwell Leeds adopts a standardised design approach, allowing greater focus on the specific needs of the end user, with all aspects of the building being tailored towards their curriculum.

The schools utilized redundant sites, regenerating them, returning them to the community and enhancing the local area. Community involvement through connection with students and their wider families is encouraged. At one site, sports provision was enhanced to include an all-weather pitch, for community use, to support sports provision within the area.

The design provides inspiring, calm and safe environments, where students are encouraged to interact socially. Spaces with 360° projection are included for fully immersive learning, used to recreate 'real life' situations. These are a key part of the SEMH curriculum, school ethos and form eye-catching features, visible throughout the school.

**SUBMITTING ORGANISATION:**  
ATKINS

**CLIENT:**  
WELLSPRING ACADEMY TRUST

**VALUE:**  
£40M

**PROJECT MANAGER:**  
ATKINS

**ARCHITECT:**  
ATKINS

**CONTRACTOR:**  
INTERSERVE CONSTRUCTION







SHORTLISTED GLASGOW | COMPLETED SEPTEMBER 2018

# MACKINTOSH AT THE WILLOW

This project comprised the restoration of the historic interior elements of the iconic Category A listed original Charles Rennie Mackintosh Willow Tea Rooms Building at 217, Sauchiehall Street, Glasgow, to create 'Mackintosh at the Willow'.

The recreated tea rooms include a variety of Mackintosh-designed spaces such as the Front and Back Saloons, the Gallery, Billiard Room and famous Salon de Luxe. In the adjacent integrated building 215 there is retail, interactive visitor centre and exhibition, learning & education suite, board room, AV theatre and outside terrace space. The visitor centre celebrates the successes of Charles Rennie Mackintosh, his wife Margaret MacDonald and Miss Cranston, a pioneering female Entrepreneur.

Clark Contracts Manufactured Joinery division reproduced 20 items from the original tea rooms including the baldacchino, bench seating and ceiling grid. There were no formal drawings for many of the items meaning the team used black and white photographs to re-create the items.

The team were involved in Glasgow Traditional Building Forum Apprenticeship Event, which took place outside the site, with Clark Contracts Manufactured Joinery Manager delivering workshops on the furniture being replicated as part of the restoration. This event was open to pupils from S1 upwards and provided taster workshops in traditional trades. Guided site tours were also provided for local students.



**SUBMITTING ORGANISATION:**  
CLARK CONTRACTS

**ARCHITECT:**  
SIMPSON & BROWN

**CLIENT:**  
THE WILLOW TEA ROOMS TRUST

**CONTRACTOR:**  
CLARK CONTRACTS

**VALUE:**  
£4M

**SURVEYOR:**  
DOIG & SMITH

**PROJECT MANAGER:**  
DOIG & SMITH

# PROTO – THE EMERGING TECHNOLOGY CENTRE

PROTO is Europe's first dedicated, industry-led centre for emerging technology, providing businesses with access to state-of-the-art R&D facilities (including photogrammetry and motion capture rigs used for VR games and Hollywood films) situated alongside high-quality networking, co-working and office spaces. It was inspired by the cluster of digital and technology companies based in Gateshead already, and is owned and operated by Gateshead Council. It forms part of the North East Digital Catapult and is one of only four Immersive Labs in the UK.

European and Local Growth Funding complemented the Council's investment into this project delivered using MMC through the SCAPE framework. The R&D facilities are located within a new bespoke extension linked by a covered "floating" bridge to the co-working and office space.

The bold black cube of the extension has LED strips within the façade to add to the distinctiveness from the neighbouring blocks, whilst breaking the mass of the extension and allowing for changing appearance during the day.

The design brief for a unique, first-of-its-kind building, was developed in consultation with the technology cluster.

Since opening in August 2018, two thirds of PROTO office space has been occupied and is projected to reach 93% by April 2019.

**SUBMITTING ORGANISATION:**  
GATESHEAD COUNCIL

**CLIENT:**  
GATESHEAD COUNCIL

**VALUE:**  
£6M

**PROJECT MANAGER:**  
GATESHEAD COUNCIL

**ARCHITECT:**  
GATESHEAD TRADING COMPANY

**CONTRACTOR:**  
WILLMOTT DIXON

**SURVEYOR:**  
GATESHEAD COUNCIL

**STRUCTURAL & CIVIL ENGINEER:**  
3E CONSULTING ENGINEERS





SHORTLISTED **PERTH** | COMPLETED OCTOBER 2017

# PERTH THEATRE

The project focuses on the conservation and restoration of Perth Theatre's historic 'B' listed Edwardian auditorium, which was constructed in 1900.

The need to repair and restore the theatre led to a more ambitious plan to address all accessibility and practical needs of a theatre in the 21st Century and to create new performance, social and workshop spaces.

The design proposed the restoration of the theatre; refurbishment of the dressing room wing; and, the demolition of all additions built to the east of the building, to allow the creation of a new entrance, foyer and 200 seat studio theatre.

The new entrance was created on Mill Street and the theatre effectively turns itself around, but its old High Street entrance is also still available.

The new studio theatre is located at first floor level above the Mill Street entrance. Its reflective metal and glass exterior is back-lit to form the principal facade of the new theatre. A second flexible performance room is also provided.

The back of house wing includes refurbished dressing rooms, new green room, rehearsal space and production workshop.

Construction started early in 2016 and the theatre opened its doors on 8th December 2017.

**SUBMITTING ORGANISATION:**  
RICHARD MURPHY ARCHITECTS

**ARCHITECT:**  
RICHARD MURPHY ARCHITECTS

**CLIENT:**  
HORSECROSS ARTS

**CONTRACTOR:**  
ROBERTSON CONSTRUCTION GROUP

**VALUE:**  
£11.38M

**SURVEYOR:**  
ROBERTSON CONSTRUCTION GROUP



# PARTICK BUS STATION REDEVELOPMENT

SPT's Redevelopment of Partick Bus Station creates an attractive "forecourt" to the existing rail/subway station completing a transport hub that integrates bus, rail, and subway with national cycle and local footpath networks, providing multi modal connectivity and access for all.

The existing bus station apron is remodelled, and existing unsightly bus shelters replaced by bespoke architect-designed bus stances increased in size/number. The extensive structural glazing connected to elegant steel framing creates a transparency that aids wayfinding/surveillance. As the roofscape is highly visible, it is deliberately designed with an attractive curved profile that cantilevers to accentuate their prominence and provide shelter at stance entrances. The cantilevered metal roof form and soffit is further emphasized by continuous LED lighting to soffit edges.

Glazed stance auto doors are activated on bus arrival by induction loops concealed within the bus apron. The 3.2m internal height of the bus stances provides a sense of space. The curved glass ends allied with the polished granite plinths contribute to the high quality of waiting space that improves the passenger experience.

The public realm is decluttered, and the installation of high specification granite paving, seating and planting raises the quality of environment for passengers, and the local community.

**SUBMITTING ORGANISATION:**  
AUSTIN-SMITH:LORD

**CLIENT:**  
STRATHCLYDE PARTNERSHIP  
FOR TRANSPORT

**VALUE:**  
£2.21M

**PROJECT MANAGER:**  
AUSTIN-SMITH:LORD

**ARCHITECT:**  
AUSTIN-SMITH:LORD

**CONTRACTOR:**  
LUDDON CONSTRUCTION

**SURVEYOR:**  
CURRIE & BROWN





SHORTLISTED

SCOTTISH BORDERS | COMPLETED AUGUST 2018

# GALASHIELS ACADEMY SEN PROVISION

For too long children with additional support needs have made do with inadequate facilities that were tucked away out of sight. One of the primary aims of the Galashiels SEN facility is to bring these pupils within the heart of the school so they can experience the vibrancy and vitality, and benefit from a feeling of belonging to the school community. This increases the inclusivity of the whole school by recognising that every individual has a part to contribute to daily life.

The facility has been designed to provide a place of safety and nurture where the pupils have the freedom to learn through experience in a safe environment. Key to the success of this pedagogy is the life skills area where lifelong skills for independent living can be learned and reinforced.

The facility is predominantly timber frame for speed and ease of construction, to ensure that it was available at the earliest possible opportunity. The external finishes are white render on render board, and timber cladding to assist with wayfinding and to meet the aesthetic aims of the project.

As part of the project a new link corridor was provided, further increasing the unity of the school. Pupils' toilets, a medical room and a repurposed classroom space were also delivered within the contract package.



**SUBMITTING ORGANISATION:**  
SCOTTISH BORDERS COUNCIL

**CLIENT:**  
SCOTTISH BORDERS COUNCIL

**VALUE:**  
£800K

**PROJECT MANAGER:**  
SCOTTISH BORDERS COUNCIL

**ARCHITECT:**  
SCOTTISH BORDERS COUNCIL

**CONTRACTOR:**  
JAMES SWINTON & CO

**SURVEYOR:**  
THOMSON GRAY

**STRUCTURAL ENGINEER**  
CHRISTIE GILLESPIE -  
CONSULTING ENGINEERS

**ADVISOR TO PRINCIPAL DESIGNER**  
GMO DESIGN CONSULTANCY



# MIDDLESBROUGH TOWN HALL

Middlesbrough Town Hall is a grade II listed building constructed between 1883 and 1889 in a revived French Gothic style. Designed by Architect George Gordon Hoskins, it was one of the last large Gothic town halls to be built in England, serving as a landmark to signify Middlesbrough's proud industrial heritage and a building symbolic of the town's historic prosperity.

Its restoration was a collaborative effort utilising Council, Heritage Lottery and Arts Council public funding avenues to reinvent the building as a 21st Century entertainment, education and civic venue, simultaneously restoring its historic grandeur. Years of coarse modifications have been peeled back to reveal stunning original features and create flexible, inspirational spaces for modern use.

The reinvention of the Town Hall is symbolic of the wider aspirations for Middlesbrough and have acted as a catalyst for further regeneration, development and investment within the area as part of the greater public realm works, its educational and legacy programmes along with an increasingly popular sell out performance schedule aim to ensure the longevity of the building for years to come. A great example of how people coming together can inspire to produce the flawless preservation of one of our precious historical spaces.



**SUBMITTING ORGANISATION:**  
ATKINS

**ARCHITECT:**  
ATKINS

**CLIENT:**  
MIDDLESBROUGH COUNCIL

**CONTRACTOR:**  
KIER CONSTRUCTION

**VALUE:**  
£8.2M

**PROJECT MANAGER:**  
FATHFUL + GOULD



NOMINATED

IRVINE | COMPLETED JUNE 2018

# QUARRY ROAD OFFICES

The project at Quarry Road, Irvine, comprised the design and build of a new two-storey office building for North Ayrshire Council.

The building comprises a steel frame with brickwork and curtain wall envelope. It was designed with a sloping roof, which houses and creates a dynamic section of office space within the building which provides enhanced height and profiled ceilings.

Externally, timber louvres were designed to complement the brick, with glulam timbers also providing additional protection and concealment, acting as solar shading for the entrance and reception areas. Internally, a full fit out of the new space was completed.

The building is now being used by KA Leisure and Ayrshire Business Gateway and provides additional flexible and collaborative working space for local small business.

The project was registered with the Considerate Constructors Scheme and work experience was provided for a local school pupil on site. Clark Contracts also held an SME Engagement day in Saltcoats Town Hall providing advice on community benefits, marketing and supply chain.

The project was the first phase of an overall regeneration of Quarry Road and has been shortlisted for a Scottish Property Award.



**SUBMITTING ORGANISATION:**  
CLARK CONTRACTS

**ARCHITECT:**  
ANDERSON BELL CHRISTIE

**CLIENT:**  
NORTH AYRSHIRE COUNCIL

**CONTRACTOR:**  
CLARK CONTRACTS

**VALUE:**  
£2.6M

**SURVEYOR:**  
NORTH AYRSHIRE COUNCIL

**PROJECT MANAGER:**  
NORTH AYRSHIRE COUNCIL



# CANNON HALL PET CREMATORIUM

The Old Potting Shed holds a peaceful, self-contained position adjacent to the historic Walled Gardens of Cannon Hall. The building, previously earmarked for demolition, was chosen as the ideal location to be renovated to provide cremation services for bereaved pet owners.

The character of the Grade II listed building was carefully preserved by recycling original materials, using traditional building techniques and ensuring the finished build was in keeping with its surroundings. During renovation, original stone cobbles were unearthed. They were being damaged by a drain running underneath them which was repaired, and the cobbles then re-laid to form an attractive, traditional approach to the building. Existing lime mortar was raked out and repointed by hand.

The cremator unit was fitted with a smokeless extract system to prevent airborne environmental impact and the flue was reduced in height and powder coated to blend into the surroundings.

Apprentices assisted throughout the project and gained invaluable hands-on experience of the care and protection of conservation works.

The project is providing much needed revenue for the local council and has been very well received within the locality. Plans are now underway to create a Garden of Remembrance adjacent to the site.

**SUBMITTING ORGANISATION:**  
NPS GROUP

**CLIENT:**  
BARNSELEY MBC –  
BEREAVEMENT SERVICES

**VALUE:**  
£153K

**PROJECT MANAGER:**  
NPS GROUP

**ARCHITECT:**  
NPS GROUP

**CONTRACTOR:**  
A D COPLEY BUILDERS

**SURVEYOR:**  
NPS GROUP







NOMINATED

PAISLEY | COMPLETED JUNE 2018

# ST PAUL'S PRIMARY SCHOOL/FOXLEA EARLY LEARNING & CHILDCARE CENTRE

The new St. Paul's Primary School accommodates 180 pupils along with a further 24 pupils within the "Anchor Unit". This provides specialised support across three class bases, each linked to their relevant peer group. Foxlea Nursery provides 80 places within three class bases catering for age ranges 0-5 years.

The school & nursery building form a protective 'L' shape creating a sheltered south facing playground environment looking out to mature parkland on rising ground to the south. St Paul's plan form provides a flexible and adaptable learning environment to cater for change in the school role from year to year.

Both facilities maximise natural light & ventilation, a subdued palette of natural finishes and calming colours have been used throughout.



**SUBMITTING ORGANISATION:**  
RENFREWSHIRE COUNCIL

**CLIENT:**  
RENFREWSHIRE COUNCIL  
PROPERTY SERVICES

**VALUE:**  
£7M

**PROJECT MANAGER:**  
RENFREWSHIRE COUNCIL

**ARCHITECT:**  
RENFREWSHIRE COUNCIL  
PROPERTY SERVICES

**CONTRACTOR:**  
MORRISON CONSTRUCTION  
SCOTLAND

# ST GEORGE'S HOUSE

Leeds City Council commissioned NPS to design and manage the remodelling and Category B fit out of this outdated, 1980s office accommodation with an estimated final account of £3.7 million. Works included the strip out and refurbishment of the ground floor and retail units, first floor, second floor, part of the third floor and fourth floor areas. Existing M&E systems were updated including works to the lifts. NPS's holistic approach to the building improvements included:

- open plan office defined by zones
- 7:10 occupancy desk/staff ratio
- communal kitchen and breakout spaces
- cycle storage and compliant disabled parking bays
- contemplation and first aid rooms
- inclusion of non-gendered WC facilities
- shower block with drying facilities and extensive staff locker provision.

NPS's design provided optimum flexibility for building users and better wayfinding was created with the use of colour to different areas - raspberry was used to indicate breakout spaces, green for kitchenettes and teal to the core areas and office space.

As an integral part of LCC's ambitious "Changing the Workplace" initiative, the project has contributed to achieving net present value savings of £27m by reducing LCC's city centre office properties from 14 to five.



**SUBMITTING ORGANISATION:**  
NPS GROUP

**CLIENT:**  
LEEDS CITY COUNCIL

**VALUE:**  
£3.7M

**PROJECT MANAGER:**  
NPS GROUP

**ARCHITECT:**  
NPS GROUP

**CONTRACTOR:**  
LEEDS BUILDING SERVICES

**SURVEYOR:**  
NPS GROUP





NOMINATED

LEEDS | COMPLETED AUGUST 2018

# FIELDHEAD CARR PRIMARY SCHOOL

NPS provided a full design and project management service for this £2.4m D&B scheme to expand Fieldhead Carr Primary School from a one form entry to a two form entry (210 pupils to 420 pupils) to meet the requirements of Leeds City Council Children's Services and school pupil place criteria in Whinmoor, Leeds.

The development comprised of a new-build two-storey, eight classroom extension and refurbishment of existing reception area, incorporating improved canteen facilities along with a new glazed link to the existing school building. A glazed light well was created in the circulation space to allow natural light to spill into the space from roof lights above.

The new build extension were built to BREEAM 'Very Good' principles.

The classrooms are designed to benefit from natural ventilation made possible using openable windows with additional ventilation provided mechanically as and when required.

Externally a new pupil play area was incorporated with amphitheatre teaching space, additional staff and disabled-use car parking, bike racks and improved pedestrian area with planting and seating that can be enjoyed by the staff and pupils alike.

The project was completed in August 2018 in time for the new school year.



**SUBMITTING ORGANISATION:**  
NPS GROUP

**ARCHITECT:**  
NPS GROUP

**CLIENT:**  
LEEDS CITY COUNCIL

**CONTRACTOR:**  
GEO HOULTON & SONS

**VALUE:**  
£2.4M

**SURVEYOR:**  
NPS GROUP

**PROJECT MANAGER:**  
NPS GROUP



# STONEYWOOD SCHOOL

From earliest concept, Stoneywood School was to be relocated from its old site in to a larger form on a new site, in effect serving a wider community. This relocation was to distance some people from one area whilst bringing others much closer. Therefore it was essential to address this change to bind the whole community to the new location.

This coming together was hosted during a series of community stakeholder workshops, where concerns were raised, and issues resolved through discussion and active participation. Further to this, workshops proposed how the community could be included in the design, construction and operation of the school.

A key selection criterion for the successful contractor was a commitment to employ local workforce and procure locally supplied materials for the construction of the school in order to promote local employment and meaningful connection to the area. The school itself has been designed to enable the key spaces to be appropriately planned within it, so as to accommodate after-school use for a wide range of community activities.

With an open ground policy the school play areas and grounds are available for community recreational use outside of school hours.



**SUBMITTING ORGANISATION:**  
SCOTT BROWNRIGG

**CLIENT:**  
ABERDEEN CITY COUNCIL

**VALUE:**  
£13M

**ARCHITECT:**  
SCOTT BROWNRIGG

**CONTRACTOR:**  
MORGAN SINDALL

**SURVEYOR:**  
FAITHFUL + GOULD





NOMINATED

GATESHEAD | COMPLETED AUGUST 2018

# LAND OF OAK & IRON HERITAGE CENTRE

The new heritage centre is in the green belt on the edge of a country park, reclaimed from industry, that is a gateway to rural Gateshead, with easy access to the C2C cycle route, the Derwent Walk and the Red Kite Trail. The centre is part of the Land of Oak & Iron project by Groundwork NE & Cumbria, which explores and celebrates industrial, cultural and natural heritage of the Derwent Valley and surrounding area. The centre has traditional and interactive interpretation materials, a café and gift shop, alongside business incubator space to stimulate economic activity. The project was supported by the National Lottery's Heritage Lottery Fund, the Rural Growth Network's Strategic Economic Infrastructure Fund to complement investment from Groundwork and partner organisation, Gateshead Council.

The design concept by Matthew Glover in the shape of a water wheel was inspired by the revolutionary iron works at 'Old' Winlaton Mill that by 1710 had become the first fully integrated iron founding and iron goods manufacturing plant in Europe. This concept was chosen by local residents following a competition involving 35 post-graduate architecture students from Northumbria University. Gateshead Council's design team and Groundwork brought Matthew's concept to life.



**SUBMITTING ORGANISATION:**  
GATESHEAD COUNCIL

**ARCHITECT:**  
GATESHEAD COUNCIL

**CLIENT:**  
GROUNDWORK NE & CUMBRIA

**CONTRACTOR:**  
ESH CONSTRUCTION

**VALUE:**  
£1.36M

**SURVEYOR:**  
GATESHEAD COUNCIL

**PROJECT MANAGER:**  
GROUNDWORK NE & CUMBRIA

**LAND ARCHITECT:**  
GROUNDWORK NE & CUMBRIA

**M & E ENGINEER:**  
GATESHEAD COUNCIL



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NOMINATIONS

# NORTH WEST & MIDLANDS



SHORTLISTED WOLVERHAMPTON | COMPLETED SEPTEMBER 2018

# KHALSA ACADEMY

Delivered on time, snag free and in budget, this £19.4 million project to transform the former Tarmac HQ site into a state-of-the-art secondary school exceeded all expectations. But it nearly didn't get off the ground when, over budget and with another contractor, it almost went back on the shelf.

After remediating the ground which contained unmapped services, mine shafts and tunnels, the team used the WRAP protocol to ensure expensive cart-away and type one granular material was re-used across the site. Along with careful foundation design changes, which saw the piling method re-engineered to suit the site, the project team saved £2.5M and got the project off the ground, whilst still delivering the build in time for the September 2018 school year.

But this project was about so much more than building a state-of-the-art school – it was also about a commitment to ensuring this supported the local economy. Students were invited regularly on site to use the scheme as a learning experience, with career talks and building tours helping ignite a passion for the industry. The project raised almost £4,000 for charity and due to the team's responsible procurement focus, 85% of the subcontractors on the site were SME's local to the project.



**SUBMITTING ORGANISATION:**  
MORGAN SINDALL

**ARCHITECT:**  
GLANCY NICHOLLS

**CLIENT:**  
EDUCATION & SKILLS  
FUNDING AGENCY

**CONTRACTOR:**  
MORGAN SINDALL

**VALUE:**  
£19.4M

**SURVEYOR:**  
JACOBS

**PROJECT MANAGER:**  
JACOBS



# BELTON COUNTRY PARK VISITORS CENTRE

The New Belton Country Park Visitors Centre, is located at the heart of the Isle of Axholme Greenway Walkway, boasting a new outdoor children's secure play area, café with a seating area and small kitchen, two unisex toilets and a state of the art 'changing places' facility.

The design concept was to provide a building that would reflect and enhance the character and appearance of the rural landscape, but at the same time be functional and cost efficient to maintain. This resulted in an almost "New England" style building being developed with the external leaf clad in pre-treated Accoya that has a service life of 60 years, Decra steel coated roof panels that offer 40 years guarantee, sturdy galvanised steel rain water goods, along with aluminium windows and doors.

Internally the design incorporates glulam roof trusses. For the colder days, air source underfloor heating formed part of the design.

With guidance from the North Lincolnshire Council Economic Team, the business that has taken the facility on, has gone from strength to strength. Operating as Belton Kitchen and Visitor Centre, the proprietor has employed local people as waitress and kitchen staff. As part of the tenancy agreement with the Local Authority, educational days are held.

**SUBMITTING ORGANISATION:**  
NORTH LINCOLNSHIRE COUNCIL

**CLIENT:**  
NORTH LINCOLNSHIRE COUNCIL  
ENVIRONMENT TEAM

**VALUE:**  
£520K

**PROJECT MANAGER:**  
NORTH LINCOLNSHIRE COUNCIL

**ARCHITECT:**  
NORTH LINCOLNSHIRE COUNCIL

**CONTRACTOR:**  
G S KELSEY CONSTRUCTION

**SURVEYOR:**  
NORTH LINCOLNSHIRE COUNCIL





**NOMINATED** APPLEBY-IN-WESTMORLAND | COMPLETED OCTOBER 2018

# LONG MARTON PRIMARY SCHOOL

With an increasing rise in oil prices and the need for reliable heating systems to remote locations without access to the national gas grid, as part of their feasibility, NPS advised replacing the old oil fired boiler at Long Marton Primary School with a bivalent system incorporating air source heat pumps and a back-up boiler.

The client agreed to this solution and commissioned NPS to proceed with a full design package.

NPS undertook a thermal model of the school to enable a heat load profile over the heating season to be established and utilised to size the system.

The design intention was to have the air source heat pumps operating for most of the year when outside temperatures are above 5-7°C and for the oil boilers to operate when temperatures fall below. Liaising with a BMS control manufacturer, NPS was able to design a fully controllable system with an inclusion for off-site monitoring to allow ourselves to see how the system is performing.

The main reasons for not opting for a full ASHP were electrical load constraints, and as mentioned above, the need for a reliable system; something a combined system can offer along with the benefits of RHI payments.



**SUBMITTING ORGANISATION:**  
NPS GROUP

**M&E ENGINEER:**  
NPS GROUP

**CLIENT:**  
CUMBRIA COUNTY COUNCIL

**VALUE:**  
£144K



NOMINATED

DONCASTER | COMPLETED OCTOBER 2017

# NEW COLLEGE DONCASTER

Space Zero designed a number of key spaces in this three-storey building, including the library area at the front, the dining area and the main reception, connecting people through sharing knowledge. The heartbeat concept disseminates throughout the whole college, via many elements including the wayfinding and carpets.

The library is the beating heart at the forefront of the college; part of the front elevation of the building, spanning over three floors. The other specialism is science, and the college features two super labs, which emphasise the state of art facilities. Creative and innovative use of space, signage and colour reflects the ethos of the College and acts as a beacon to attract and retain students.

All materials specified have been chosen with the College in mind and have been personally selected for robustness and to create a more sophisticated environment. These materials are easy to maintain, tough enough for a college environment, and help to create a bright and spacious internal environment. The key spaces have been designed to exude a more grown-up look, with the use of certain types of furniture, colours and fabrics.



**SUBMITTING ORGANISATION:**  
SPACE ZERO

**CONTRACTOR:**  
AM

**CLIENT:**  
NEW COLLEGE - DONCASTER

**ARCHITECT:**  
RYDER ARCHITECTURE

**VALUE:**  
£20M





NOMINATED

LIVERPOOL | COMPLETED SEPTEMBER 2018

# ST JULIE'S CATHOLIC HIGH SCHOOL

St. Julie's Catholic High School is a Liverpool City Council-funded specialist school for performing arts and sports. The "bespoke on a budget" school involved the rebuilding of an existing 1,100 pupil school on a live site and creation of a new 10,000m<sup>2</sup> learning environment.

Sitting within a conservation zone and directly adjacent to Grade I listed Woolton Hall the design allowed for continuous education throughout the demolition and new build. The sloping, constrained site predetermined a low-rise three and four-storey solution set across three distinctive pavilions on different levels to get the best adjacency between learning zones. Connected by glazed links, the pavilions maximise views from the learning, social and circulation spaces into the townscape, external learning and play spaces, while minimising the visual impact on Woolton Hall.

The simple pavilion form allows the classrooms to face east-west maximising the opportunities for a naturally ventilated solution. The design clearly defines the main circulation routes between the pavilions, both horizontally and vertically avoiding excessively long corridors and providing a south-facing student plaza offering a sun-trap and shelter from north-easterly winds. The school also includes adaptable teaching spaces and extensive new indoor and outdoor sports facilities.



**SUBMITTING ORGANISATION:**  
IBI GROUP

**ARCHITECT:**  
IBI GROUP

**CLIENT:**  
ST JULIES CATHOLIC HIGH SCHOOL

**CONTRACTOR:**  
KIER CONSTRUCTION

**VALUE:**  
£21M

**SURVEYOR:**  
KIER CONSTRUCTION

**PROJECT MANAGER:**  
LIVERPOOL CITY COUNCIL

# RED KITE ACADEMY

Red Kite Academy is a 100-place SEND school in Corby, Northamptonshire. The building was 100% new build, using a SIPs framing system. Accommodation is contained to the ground floor, reflecting the needs of the future users of the building. It comprises 12 classrooms, hall, hydrotherapy rooms and pool, physiotherapy rooms, soft play areas, kitchen, toilets and associated access, parking, landscaping and offices. External areas include play spaces, car parking for visitors and staff, ambulatory parking spaces and soft landscaping.

The building is constructed from a SIPs frame and then rendered and finished in white. There is a stunning timber-clad canopy providing covered access on arrival to all pupils starting their school day.

Works started on site late summer 2017 and the school took occupation of the facility in September 2018. Previously, the site was a local authority school which was closed down many years previously. The site is now shared with a housing development.

The school is a brand-new provision in the area and brings a much-needed resource to the educational offer of Corby. The project was delivered in conjunction with Northampton County Council.

**SUBMITTING ORGANISATION:**  
DEPARTMENT FOR EDUCATION

**CLIENT:**  
NORTHAMPTON COUNTY COUNCIL

**VALUE:**  
£8M

**PROJECT MANAGER:**  
ARCADIS

**ARCHITECT:**  
ARCHITECTURE INITIATIVE

**CONTRACTOR:**  
ASHE CONSTRUCTION

**SURVEYOR:**  
NORTHAMPTON COUNTY COUNCIL





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NOMINATIONS

# EAST OF ENGLAND



SHORTLISTED CAMBRIDGESHIRE | COMPLETED FEBRUARY 2018

# LITTLEPORT CO-LOCATED SCHOOL

The project comprises the co-location of a secondary school, a SEND facility and a charitable trust administered sports centre. The brief focussed on how education and community buildings can share a site and interact effectively for the benefit of the local community. The design response is a series of interlinked buildings that share many common parts but also can operate independently. The site has become the focus for many educational and sporting activities benefitting the local community.

The buildings comprise a steel frame with concrete floors and clad with SIPs panels for excellent air tightness, are naturally vented, provided with a combined heat and power boiler solution and extensive LED lighting and controls improving energy efficiency. Buildings share a common boiler house and service intakes. They also share kitchens and administration accommodation.

The site has exceptionally poor ground conditions. Whilst the building could be piled, there was a risk of differential settlement of traditionally constructed infrastructure. An innovative system of pre-loading the ground to compact and vertical drains to de-water was introduced to reduce the risk of future ground instability. This system negated the need for extensive piling and ground reinforcement for roads, car parks and drainage, helping to mitigate any future settlement.

**SUBMITTING ORGANISATION:**  
FAITHFUL + GOULD, ATKINS AND  
MORGAN SINDALL

**CLIENT:**  
CAMBRIDGESHIRE COUNTY  
COUNCIL

**VALUE:**  
£40M

**PROJECT MANAGER:**  
FAITHFUL + GOULD/ATKINS

**ARCHITECT:**  
ATKINS

**CONTRACTOR:**  
MORGAN SINDALL

**SURVEYOR:**  
FAITHFUL + GOULD

# THE PINES PRIMARY SCHOOL

A new 210 place primary school and 30 place standalone preschool were required. The site was designed with a clear expansion route identified for the future. A lightweight steel frame construction with metal framed walls allows the building to be versatile if spaces need to change.

The outstanding double height library space, surrounding the tile-finished lift, was designed to be the hub of the school. Two wings spread out from this hub to minimise pupil traffic and travel distances. The compact design considered flexible spaces for learning, performances and community events outside of school hours. To ensure the light reached all levels, a glass balustrade with timber detailing was constructed to reduce separation between the floors.

Externally, render and timber cladding were used to reflect the local pallet of colours and materials. The footpath and cycle routes connecting the drop off area to the school encouraged exercise. The landscape design was developed with the clients to reflect the 'Forest School' ethos of the academy. Timber from the surrounding area was used to create seating, tables and wildlife habitats. Our attention to detail throughout the project led to a zero defects handover.



**SUBMITTING ORGANISATION:**  
CONCERTUS DESIGN AND  
PROPERTY MANAGEMENT

**CLIENT:**  
SUFFOLK COUNTY COUNCIL

**VALUE:**  
£5M

**PROJECT MANAGER:**  
CONCERTUS DESIGN AND  
PROPERTY MANAGEMENT

**ARCHITECT:**  
CONCERTUS DESIGN AND  
PROPERTY MANAGEMENT

**CONTRACTOR:**  
MORGAN SINDALL

**SURVEYOR:**  
CONCERTUS DESIGN AND  
PROPERTY MANAGEMENT







NOMINATED

WALTHAMSTOW | COMPLETED OCTOBER 2018

# WOOD STREET

The redevelopment of 275 Wood Street has delivered 17 residential units – a mix of two and five-storey dwellings with car parking and revisions to access, which will deliver much-needed homes for social rent.

NPS provided a full multidisciplinary design service including employer's agent, quantity surveying and design disciplines.

The client requested NPS London to design housing that would meet the requirements as set out by the Greater London Assembly, while also maximising the number of units that the site would deliver. Local resident consultation was held to provide information on the potential project and seek feedback which was used to influence the design.

This was a particularly tight site which made logistics extremely difficult. Careful planning of site movements was required to ensure the safety of local residents and the site team.

This project has helped to deliver much needed, new affordable housing within the London Borough of Waltham Forest. These units are being offered to local residents in housing need on a social rent basis.

The underlying strategy was to use sustainable development principles with the aim of delivering an energy efficient development. The scheme succeeded in using a number of sustainability measures including PV panels.

**SUBMITTING ORGANISATION:**  
NPS GROUP

**ARCHITECT:**  
NPS GROUP

**CLIENT:**  
LONDON BOROUGH OF  
WALTHAM FOREST

**CONTRACTOR:**  
ENGIE

**VALUE:**  
£5.5M

**SURVEYOR:**  
NPS GROUP

**PROJECT MANAGER:**  
NPS GROUP

# RHS GARDEN HYDE HALL HILLTOP COMPLEX

Concertus realised a concept design for the RHS with a very high level of detailing. Two striking buildings were designed and built using various natural materials.

The first building (housing the restaurant and events barn) was constructed with a glulam frame and CLT roof. Large glazed sections framed the surrounding natural environment and presented sweeping views of the Essex countryside. The external cladding and decked areas were covered in English oak which added definition and texture. A zinc standing seam roof featured large overhangs which provided shelter.

The second building was a horticulture learning centre with specialist internal and external teaching spaces. The building has been enveloped in black zinc cladding with a sharp, more aggressive form. Internally, high ceilings and roof lights give a feeling of light and space. Movable walls fold back into the wall system, so they don't impede on the use of space.

Storing of rain water (for use as irrigation to the site) has reduced the impact of the building on the environment. The use of underfloor duct systems with plenum chambers resulted in appropriate venting of the spaces.

The buildings have enhanced the site and provided a pleasant environment to learn and relax in.

**SUBMITTING ORGANISATION:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**CLIENT:**  
ROYAL HORTICULTURAL SOCIETY

**VALUE:**  
£4.25M

**PROJECT MANAGER:**  
BROOKS & WOOD

**ARCHITECT:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**CONTRACTOR:**  
BROOKS & WOOD

**SURVEYOR:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS







**SHORTLISTED** NORWICH | COMPLETED JUNE 2018

# EILEEN ASH SPORTS HALL

This project involved the construction of a new standalone sports facility comprising a 690m<sup>2</sup> sports hall, male and female changing rooms, PE store room, PE office and an entrance lobby. The four-court sports hall has been built to Sport England standard and extendable to five or six courts in the future.

The single storey building is of exposed timber construction; glulam beams, and CLT, while the lower storey, which houses the ancillary rooms, such as the changing rooms, lockers and showers, is supported using CLT walls and slab. Several CLT panels provide a stability system to the building with the help of the roof slab acting as a diaphragm in places where necessary.

External walls span vertically, transferring wind loads to both the roof and ground slab. External glulam beam and post support the roof in the entrance area.

The external façade comprises colour coated composite metal panels with colour matched aluminium flashings and capping's, above a fair faced blockwork plinth at ground level. Full height glazing and sliding doors are located to the entrance at ground level providing articulation and transparency to the approach.

The facility is primarily for use by Jane Austen College and the Hewett Academy, and the sports hall is open for weekend and evening community-use.

**SUBMITTING ORGANISATION:**  
KIER CONSTRUCTION EASTERN

**ARCHITECT:**  
LSI ARCHITECTS

**CLIENT:**  
SECRETARY OF STATE FOR  
EDUCATION (ESFA)

**CONTRACTOR:**  
KIER CONSTRUCTION EASTERN

**VALUE:**  
£2.4M

**SURVEYOR:**  
MACE

**PROJECT MANAGER:**  
KIER CONSTRUCTION EASTERN



# STANWAY SCHOOL

The expansion of The Stanway School from 8FE to 10FE took place over three consecutive phases

Phase one; an extension of the current science and technology building to expand and enhance these facilities. In addition, the provision of a new food outlet and multipurpose dining area was included. The multipurpose space remains active for much of the school day and into the evenings.

Phase two comprised of a new full size 3G pitch which improved the functionality of the school's external sporting provision. The facility obtained Sport England support, and is a successful community facility, being used throughout the year.

The final phase comprised the demolition of an old, outdated and dysfunctional building which is replaced by new arts and music facilities along with changing rooms for the 3G facility.

The two extensions enabled faculties to expand, retain and improve adjacencies. Those functions that relocated to the new building enabled the internal remodelling of the existing building to provide the necessary additional general teaching spaces such as Maths and English.

This project is a great example of collaboration between architects, design team members, client and contractor, from concept to implementation of the masterplan.



**SUBMITTING ORGANISATION:**  
BEARDWELL CONSTRUCTION AND  
STANLEY BRAGG

**CLIENT:**  
STANWAY SCHOOL AND  
SIGMA TRUST

**VALUE:**  
£3.3M AND £6.9M

**PROJECT MANAGER:**  
HOGGARTH COOKE PARTNERSHIP

**ARCHITECT:**  
STANLEY BRAGG

**CONTRACTOR:**  
BEARDWELL CONSTRUCTION





NOMINATED

NORWICH | COMPLETED AUGUST 2018

# ST. CLEMENTS HILL PRIMARY SCHOOL

St. Clements Hill Primary Academy, Norwich, is a £5.5M, two form entry, 420 place primary school designed by Feilden + Mawson as architects to Kier Construction Eastern. The new school was funded by the Education and Skills Funding Agency (ESFA) for the Rightforsuccess Academy Trust.

The new two-storey main teaching block incorporates two reception and four infant classrooms at ground floor with direct access to external, secure play areas. A staff room and eight junior classrooms are at first floor.

A former sports pavilion is integrated into the design and fully remodelled internally to form a CDT/food technology room, administration office, secure visitor entrance and kitchen.

The new hall and studio spaces can be converted into one space by a movable partition for performance, assembly and community use. A central 'hub' creates a generous entrance space for parents and visitors when the building is used for social and community purposes.

The building incorporates NVHR units to the classrooms with passive ventilation stacks to the hall and studio. PV panels are located on the roof of the main teaching block.

The ESFA required the project to be delivered to BIM Level 2. This was achieved through Kier Construction BIMXtra Common Data Environment.

**SUBMITTING ORGANISATION:**  
FEILDEN + MAWSON

**CLIENT:**  
EDUCATION & SKILLS  
FUNDING AGENCY

**VALUE:**  
£5.5M

**PROJECT MANAGER:**  
EDUCATION & SKILLS  
FUNDING AGENCY

**ARCHITECT:**  
FEILDEN + MAWSON

**CONTRACTOR:**  
KIER CONSTRUCTION (EASTERN)

**SURVEYOR:**  
KIER CONSTRUCTION (EASTERN)

**CIVIL & STRUCTURAL ENGINEER:**  
MLM

# NEWHALL PRIMARY ACADEMY

This project consisted of the construction of a new 420 place primary school & separate 56 place nursery. The scheme was developed under a S106 agreement relating to the surrounding Newhall housing development on a greenfield site on the outskirts of Harlow.

The building appearance was strongly driven by the palette of materials used throughout the Newhall development, and decisions involved collaboration between the project team, and various developer stakeholders. The team balanced the developer's demand for a high-quality aesthetic and a good value and functional education facility for the new residents. Siberian Larch cladding was selected for the facade, with recessed feature window reveals, and building massing created by the use of varying height parapets, which doubled as a plant screen above the main school hall.

Daylight levels have been maximised in all teaching spaces to improve well-being for teachers and pupils, achieved using a large window with integrated ventilation system, and glazed curtain walling to undercrofts on the ground floor.

The nursery matches the main school in appearance and is set-back further from the main street to create a semi-public arrival space where parents and pupils can congregate and head to either of the two buildings' entrances.



**SUBMITTING ORGANISATION:**  
PICK EVERARD

**CLIENT:**  
ESSEX COUNTY COUNCIL

**VALUE:**  
£7.2M

**PROJECT MANAGER:**  
PICK EVERARD

**ARCHITECT:**  
A STUDIO

**CONTRACTOR:**  
MORGAN SINDALL

**SURVEYOR:**  
PICK EVERARD







NOMINATED

STANSTED MOUNTFITCHET | COMPLETED AUGUST 2018

# MAGNA CARTA PRIMARY ACADEMY

The Magna Carta Primary School is a 210-place school designed to sit comfortably within a contoured landscape, complimenting the sensitive setting of the Grade II Listed St John's Church. The two-storey building design maximises the external play space, whilst minimising the overall building height with low parapets, to retain existing views across the playing field towards the listed church, and conservation area beyond.

The facade is red brick to the ground floor and timber-clad first floor with vertical and horizontal boards, which relates to the red brick listed church adjacent and local vernacular.

Internally, a central feature roof light running the length of the corridor, provides natural light to both ground and first floors, whilst doubling up as openable smoke vents for safety. The naturally lit corridor on the ground floor doubles up as a learning resource area, with well-lit wall space on both storeys to display pupils work.

The school is designed to be used flexibly so that it can be adapted as the school grows and in response to changes in the school curriculum, with the core administration and other infrastructure areas designed to support ease of movement and access for teachers and site managers.

**SUBMITTING ORGANISATION:**

PICK EVERARD

**CLIENT:**

ESSEX COUNTY COUNCIL

**VALUE:**

£5.5M

**PROJECT MANAGER:**

PICK EVERARD

**ARCHITECT:**

CONCERTUS DESIGN & PROPERTY  
CONSULTANTS

**CONTRACTOR:**

MORGAN SINDALL

**SURVEYOR:**

PICK EVERARD

# ST MICHAEL'S PRIMARY SCHOOL

Feilden + Mawson in collaboration with Morgan Sindall delivered from inception to construction completion a one form of entry expansion of St Michael's Primary School and Nursery. Now occupied, the building was completed on time and on budget and offers the school high quality teaching space to accommodate the growing numbers. A new kitchen in the block establishes a safer means of delivering catering supplies.

The peri-urban site in Colchester posed key challenges of providing accommodation over two floors and minimising the visual impact against a back drop of open playing fields. The design nestles itself into the site without the new building imposing upon its nearest neighbours and blends well with the existing school, enhanced by the use of similar materials and colours. Careful placement of the classroom has meant they do not suffer from glare or overheating. The building is entirely naturally ventilated.

Our winning hybrid design solution minimised land-take by stepping the building mass whilst maximising open views for each of the eight teaching classrooms. Minimising the land-take has meant the children and community benefit from having a new building without compromising their open space.



**SUBMITTING ORGANISATION:**  
FEILDEN + MAWSON

**CLIENT:**  
ESSEX COUNTY COUNCIL

**VALUE:**  
2.6M

**PROJECT MANAGER:**  
PICK EVERARD

**ARCHITECT:**  
FEILDEN + MAWSON

**CONTRACTOR:**  
MORGAN SINDALL







NOMINATED

IPSWICH | COMPLETED MARCH 2018

# KESGRAVE HIGH SCHOOL

This project involved the addition of four classrooms, a multi-use space, offices and ancillary areas. The extension was designed to wrap around the existing dining hall, thus maintaining the form of the building. The butterfly effect roof and colour palette were chosen to link the extension to the original school. The industrial ethos of the dining hall was carried through into the extension with exposed brickwork, services and engineered timber roof joists.

Acoustic requirements of the space were met through the inclusion of vertically hanging baffles. The masonry brick and block cavity wall construction featured large glazed sections to allow daylight to flood the internal area and provide natural ventilation. The glazing created an illusion of space, connecting the external area with the internal multi-use space.

This principle is continued with the choice of carpet colours connecting classrooms with corridors. An attractive paved courtyard area was incorporated into the design. Through close collaboration, our diverse team delivered an extension with a high-quality finish.

We played a significant role in helping the school obtain a grant from an Education Funding Agency. The multi-use space is regularly used for community events in the evenings and weekends.



**SUBMITTING ORGANISATION:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**ARCHITECT:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**CLIENT:**  
SUFFOLK COUNTY COUNCIL &  
KESGRAVE HIGH SCHOOL

**CONTRACTOR:**  
BOOT CONSTRUCTION

**VALUE:**  
£1.4M

**SURVEYOR:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**PROJECT MANAGER:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS



# NEW RIVERWALK CAMPUS

The refurbishment and remodelling of the existing school premises were required to construct a new SEN school including 17 new class bases with associated teaching and therapy provisions.

The classrooms and specialist facilities were grouped in clusters and spread evenly across the newly developed plan to aid the school's pedagogy and age progression. The masterplan design enabled secure outdoor learning and play areas sheltered by transparent coloured canopies. Future school development has been incorporated into the design.

The design rationale behind the construction was to utilise the existing building's shell where possible. All internal partitions were removed to allow maximum flexibility. Mechanical and electrical services were then weaved around the existing steel frame to supply comfort cooling in specialist areas (e.g. sensory areas). Large equipment can be hidden away in dedicated storage areas to maximise usable floor space for teaching. The extension was constructed using robust masonry detailing to provide support for fixed mobility hoists. Photovoltaics were integrated into the new roof structure and a fire sprinkler system was installed throughout the school.

A calming environment has been created which offers first-class learning opportunities for some of Suffolk's most vulnerable young people. The school organises holiday clubs on their site.

**SUBMITTING ORGANISATION:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**CLIENT:**  
SUFFOLK COUNTY COUNCIL

**VALUE:**  
£8.5M

**PROJECT MANAGER:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**ARCHITECT:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**CONTRACTOR:**  
R G CARTER

**SURVEYOR:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS





NOMINATED

YOXFORD | COMPLETED MARCH 2018

# YOXFORD & PEASENHALL

A new early years' standalone block was constructed to accommodate 120 additional pupils and meet the increasing need of the local community. Prior to this purpose-built facility, the community of Yoxford needed to travel to the neighbouring town of Leiston to reach an early years' institution. The building is a centre of excellence for the Consortium Multi-Academy Trust and a training centre.

The school is located within the Yoxford Conservation Area and neighbouring properties are located close to the boundary. The valley roof reduced the overall scale of the new block. The clever use of colour and materials (for example using the same tiles for the roofing and walls) creates an illusion of a smaller building. Pitched roofs were incorporated to mirror the existing Victorian primary school. A large outdoor space was possible due to clever positioning. Internally, vibrant colours refer to the external palette and help to identify stimulating spaces. The inspiring environment allows pupils to develop independence and self-confidence.

The centre is heated with an air source heat pump and was designed to easily enable future expansion. Vaulted ceilings, featuring automated roof lights which close when rain is detected, provide a light and spacious interior.



**SUBMITTING ORGANISATION:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**ARCHITECT:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**CLIENT:**  
SUFFOLK COUNTY COUNCIL

**CONTRACTOR:**  
BROOKS & WOOD

**VALUE:**  
£600K

**SURVEYOR:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**PROJECT MANAGER:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

# EXNING PRIMARY SCHOOL

The purpose of this development was to provide Exning Primary School and the wider community with permanent accommodation to replace two temporary classbases. A new dining hall and kitchen facilities were also constructed on the site of an old Horsa building.

The school sits partially within the village's local conservation area. The existing school building is formed from a series of additions, starting with the original school house which dates back to the 1870s. Our proposals looked to reflect the existing building's ridge lines and form. A sympathetic and complimentary material palette was created to enhance the site. Buff brickwork and slate roof tiles were selected from the building stock which was formerly used. The use of timber cladding introduced a new material which presented a contrast and also reflects the surrounding landscape of woodland areas.

A high level of detailing has resulted in an eye-catching design. Examples of detailing include brick corbels and dental coursing which are sympathetic to the existing school design. On the new standalone block, simple parapet lines with aluminium trims create concealed gutters, providing a more contemporary appearance. The sides of the building are delineated with aluminium detailing which resembles bookends.



**SUBMITTING ORGANISATION:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**CLIENT:**  
SUFFOLK COUNTY COUNCIL

**VALUE:**  
£1.5M

**PROJECT MANAGER:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**ARCHITECT:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**CONTRACTOR:**  
BROOKS & WOOD

**SURVEYOR:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS





NOMINATED

LOWESTOFT | COMPLETED AUGUST 2018

# THE LIMES PRIMARY ACADEMY

The client required the delivery of a 420-place primary school and a preschool to accommodate 30 children. Facilities needed to adhere to ESFA standards and comply with BB103 recommendations. The learning environment has been designed to be inclusive for children with SEN or disabilities.

A traditional steel frame permits flexibility to meet current educational demands and facilitate potential future adaptations. Light, spacious classrooms house advanced ICT technology and help to stimulate the pupils' learning ability. The secure and sustainable design maximises opportunities for community use outside of school hours.

Curtain wall glazing enables natural light to enter the internal spaces and views out to the surrounding landscape. An injection of colour between the windows is striking and refers to the beautiful finishing touches internally. The stained-glass reception canopy allows all-year-round use of the amazing outside learning and play zone.

Leading innovation has resulted in a purpose-built site which serves the Woods Meadow development in Lowestoft. A shared parking area for the school and Waveney District Council was included within the brief.

This specialist school surpassed the expectations of the end user and client through creative design solutions.



**SUBMITTING ORGANISATION:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**ARCHITECT:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**CLIENT:**  
SUFFOLK COUNTY COUNCIL

**CONTRACTOR:**  
BARNES CONSTRUCTION

**VALUE:**  
£6M

**SURVEYOR:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**PROJECT MANAGER:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

# BEAULIEU SQUARE

Designed to serve as the heart of Beaulieu, Beaulieu Square provides a new neighbourhood centre for the community and a busy, bustling hub. Configured around a landscaped central square, the centre will be open to both new and existing residents and will offer a mix of amenities. This mixed-use scheme consisted of shell and core construction for eight retail stores and restaurants, as well as the construction and fit-out of 34 residential apartments, a community centre and a nursery.

Alongside the new supermarket there are a selection of shopping outlets, cafés and restaurants that all provide essential amenities on a very local basis and add to the convenient nature of this unique development. As well as serving as the main entrance to the new primary and secondary schools, Beaulieu Square also includes a new day nursery offering a very high standard of childcare for ages up to five years old.

In addition to the commercial space, the residential area of Beaulieu Square boasts a collection of spacious one- and two-bedroom apartments and duplexes.



**SUBMITTING ORGANISATION:**  
KIER CONSTRUCTION

**CLIENT:**  
COUNTRYSIDE PROPERTIES PLC

**VALUE:**  
£14.3M

**PROJECT MANAGER:**  
KIER CONSTRUCTION

**ARCHITECT:**  
GARDNER STEWART ARCHITECTS

**CONTRACTOR:**  
KIER CONSTRUCTION

**SURVEYOR:**  
ARCADIS





NOMINATED

NORWICH | COMPLETED JULY 2018

# CHAPEL GREEN SCHOOL

This design and construction of a 110 place special education needs (SEN) school was an incredible project. Chapel Road School pupils have been able to move from an outdated, unsuited facility, to a brand new state-of-the-art campus that matches their needs perfectly.

Scoring 10/10 for customer satisfaction, this project was as much about the journey of engaging the pupils and community, as it was about the finished building. As well as setting up a dedicated project website to keep the neighbours updated on progress behind the hoardings, the team devoted over 200 hours to volunteer projects in the community. This commitment earned the project a national Considerate Constructors Scheme award.

Chapel Road SEN School pupils regularly visited the school for tours of their new facility and took part in exciting learning workshops where they were able to try out bricklaying, engineering and surveying tasks. The team even engaged the high school next door to host career talks and mock interviews, inspiring the next generation of 'constructioners.' The scheme also did a huge amount for Mental Health Awareness and attracted the attention of then PM Theresa May who visited to discuss the programmes of work being delivered in the industry.



**SUBMITTING ORGANISATION:**  
MORGAN SINDALL

**ARCHITECT:**  
NPS GROUP

**CLIENT:**  
NORFOLK COUNTY COUNCIL

**CONTRACTOR:**  
MORGAN SINDALL

**VALUE:**  
£13M

**SURVEYOR:**  
NPS GROUP

**PROJECT MANAGER:**  
NPS GROUP



# PHOENIX ENTERPRISE PARK

Our multi-disciplinary design team provided a fully co-ordinated design for the development of a nine-acre industrial site. The masterplan (following the Local Development Order) was designed around two courtyards and comprises of 26 units of varying sizes.

Phase 1 completed effortlessly with the delivery of 16 units and the first courtyard. The courtyard was designed to promote interaction between businesses and allow street presence to entice new businesses.

The business space is making a valuable contribution to the economic regeneration of Lowestoft. The units are being successfully marketed and leased by us, with several businesses moving in within a few months of completion. Producing visuals at an early stage assisted with marketing. Robust, low maintenance materials and components were selected.

Value engineering generated savings in excess of £130K on the building fabric alone.

Reclamation works solved the issue of heavily contaminated ground conditions and obstructions. Due to the site being included within the Waveney District Council's Local Development Order, we needed to negotiate with the planning officer to widen the market and increase rental prospects. The design allowed for the expansion of businesses into larger units. The site has proved to be a catalyst for economic growth and job creation.

**SUBMITTING ORGANISATION:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**CLIENT:**  
SUFFOLK COUNTY COUNCIL

**VALUE:**  
£4.2M

**PROJECT MANAGER:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**ARCHITECT:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS

**CONTRACTOR:**  
MORGAN SINDALL

**SURVEYOR:**  
CONCERTUS DESIGN &  
PROPERTY CONSULTANTS





NOMINATED

STANSTED | COMPLETED SEPTEMBER 2018

# STANSTED AIRPORT COLLEGE

A key challenge in the acoustic design of the college building was controlling aircraft noise intrusion to classrooms, especially with the lightweight construction of the building and the proximity of the runway.

For upper floor classrooms, the sound insulation of the roof needed to be sufficient and the build-up was designed with this in mind. Internal ceilings were also used to help maximise sound insulation. Particular care was needed in the design of external walls and windows. The total widths of both were key factors in helping to control lower frequency noise, especially from aircraft take-off rumble. Windows were standard double-glazed units but with additional secondary glazing, with a wide airspace separating the two. The sound insulation of the façade relied on both the external cladding with thermal insulation and the internal lining. An important factor was the separation of the two systems, such that there was no connection between the external and internal frameworks.

All these design considerations were combined to create the environment that can be observed in the classrooms when aircraft are passing: aircraft noise is dramatically reduced such that internal noise levels are sufficiently low to avoid interference with teaching.

**SUBMITTING ORGANISATION:**  
WILLMOTT DIXON

**ARCHITECT:**  
PASCALL & WATSON

**CLIENT:**  
HARLOW COLLEGE

**CONTRACTOR:**  
WILLMOTT DIXON

**VALUE:**  
£7M

**SURVEYOR:**  
FUSION PROJECT MANAGEMENT

**PROJECT MANAGER:**  
FUSION PROJECT MANAGEMENT

# Committed to delivering social value

Faithful+Gould informs and supports public sector clients to realise their aspirations for a diverse range of projects.

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Health & Safety



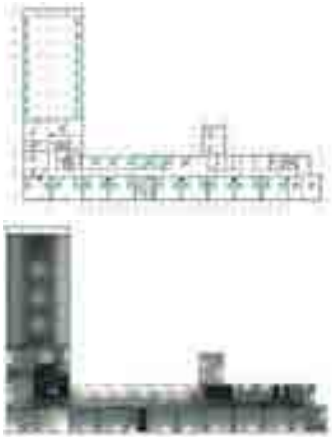
Stakeholder management

Battle of Britain Bunker Visitor Centre, London  
2019 SPACES Awards shortlisted project

[www.fgould.com](http://www.fgould.com)



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NOMINATIONS

# SOUTH EAST & LONDON



SHORTLISTED WALTHAM FOREST | COMPLETED VARIOUS

## THE SPACES IN BETWEEN

The Spaces In Between is a scheme of work developing garage and infill sites. It showcases NPS's unique ability to identify seemingly impracticable council-owned small parcels of land and turn these 'spaces in between' into good quality affordable housing for social rent, helping to design out anti-social behaviour, such as vandalism and fly-tipping, and reduce the council's housing waiting list.

By thinking creatively and working closely with the community, we have overcome opposition and turned these small brownfield sites into energy-efficient, 'lifetime' homes which, so far, the private development sector has failed to deliver.

Working together with our joint venture partner, the development of these sites supports their strategy to provide more council homes to the local community. The garages at Avonfield Court, Walthamstow, were rarely used and were essentially 'blocked in'; surrounded by existing properties and a row of mature trees. By thinking creatively about the design, this has resulted in a four-storey development, creating seven homes for social rent.

At North Birkbeck Road, Leytonstone, we used the existing garage and parking area to create a new three-storey building by moving current parking spaces elsewhere, ensuring close engagement with the local community throughout the process.

**SUBMITTING ORGANISATION:**  
NPS GROUP

**ARCHITECT:**  
NPS GROUP

**CLIENT:**  
LONDON BOROUGH OF  
WALTHAM FOREST

**CONTRACTOR:**  
ENGIE

**PROJECT MANAGER:**  
NPS GROUP

**SURVEYOR:**  
NPS GROUP



# ROBERT MAY'S SCHOOL

Seizing the opportunity to place, a new teaching building at the front of the Robert May's campus has completely transformed this secondary school's previously closed relationship to its community with transparency and confidence. Inspired by the flint geology of the site, the glint of the silver-grey brick reinforces its spirit of place with a bold, simple architectural form that creates a new statement of entrance, drawing in the surrounding community and building pride and self-esteem in the pupils and staff alike.

The steel and concrete construction saw the design team working closely with the contractor and their supply chain to create a fineness to the structure, allowing in more natural light and better thermal mass than other buildings of this typology.

The remodelling of the front of the live school site was achieved with cooperation from all sides. This team collaboration mentality has been championed by all parts of the team, from school leadership and community, Hampshire County Council (HCC) Children Services and HCC Property Services design team, through to the contractor Morgan Sindall and their sub-contractors. This has produced a beguilingly impactful architecture with the power to influence pupils' attitudes to learning and change their educational outcomes

**SUBMITTING ORGANISATION:**  
HAMPSHIRE COUNTY COUNCIL

**CLIENT:**  
HAMPSHIRE COUNTY COUNCIL

**VALUE:**  
£7.6M

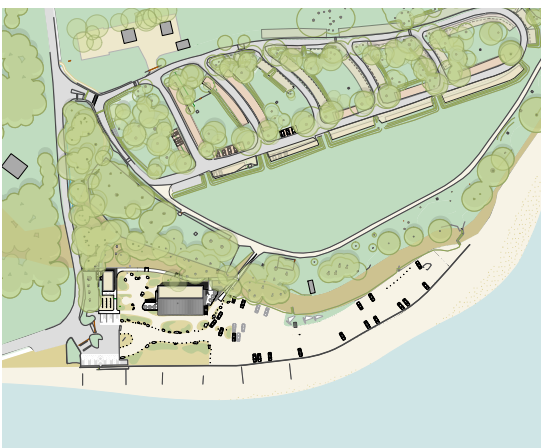
**PROJECT MANAGER:**  
HAMPSHIRE COUNTY COUNCIL

**ARCHITECT:**  
HAMPSHIRE COUNTY COUNCIL

**CONTRACTOR:**  
MORGAN SINDALL

**SURVEYOR:**  
HAMPSHIRE COUNTY COUNCIL





SHORTLISTED SOUTHAMPTON | COMPLETED MAY 2018

# THE LOOKOUT – LEPE COUNTRY PARK

The Lookout at Lepe Country Park replaces the previous visitor accommodation that had become tired and vulnerable to rising sea levels and storms.

Located within the New Forest National Park, the Authority required the development to be small scale, in keeping with the coastal character and not reliant on sea defences. Surrounded by private estate and areas with numerous geological and ecological designations, the development was restricted to a narrow margin of land ownership at beach level.

In response to these constraints, the building is elevated 2.5 meters above the beach and extreme high-water level predicted in 100 years. Constructed off concrete piles, a steel frame is insulated and clad in sustainably sourced timber and a fine zinc mono pitched roof. A timber boardwalk gently connects the building with the beach and lower car park. The glazed frontage and clerestory connect the visitor to the sea and surrounding landscape. The large roof overhangs provide shade, and concealed roller shutters protect the building from the extremes of the weather. Terraces connect the building to beach level and provide the opportunity for alfresco dining.

Since its completion in 2018, The Lookout has received high praise and an increase in visitor numbers.

**SUBMITTING ORGANISATION:**  
HAMPSHIRE COUNTY COUNCIL  
PROPERTY SERVICES

**ARCHITECT:**  
HAMPSHIRE COUNTY COUNCIL  
PROPERTY SERVICES

**CLIENT:**  
HAMPSHIRE COUNTY COUNCIL

**CONTRACTOR:**  
W STIRLAND

**VALUE:**  
£1.7M

**SURVEYOR:**  
HAMPSHIRE COUNTY COUNCIL  
PROPERTY SERVICES

**PROJECT MANAGER:**  
HAMPSHIRE COUNTY COUNCIL  
PROPERTY SERVICES

# THE ACADEMIC CENTRE – UNIVERSITY OF BUCKINGHAM

The £8.5m Academic Centre was conceived by the University of Buckingham with part funding from the South East Midlands Local Enterprise Partnership (SEMLEP). The realisation of this facility strengthens the medical relationship that exists between the University and the Milton Keynes University Hospital Trust. It provides an outstanding resource for medical education and training for students, doctors, nurses and health professionals. The new 2,500sqm teaching facility was completed in 12 months; on time, in budget and to the client's complete satisfaction.

The bespoke Academic Centre is situated on a very prominent site within the Milton Keynes University Hospital grounds forming a new gateway. Both undergraduate and postgraduate medical students benefit from the practical interaction with medical staff and patients. Feilden + Mawson's collaborative approach to the design began with Design Team/Client workshops to analyse the full potential of the brief against the available funds and spatial flexibility opportunities of the floor plans. This communication led to mutual respect and trust amongst all stakeholders including the client, NHS Trust, Local Authorities, students and the Hospital's maintenance teams who would be responsible for running the building.

The need for this facility is demonstrated by year three membership targets being exceeded by the second operational month.

**SUBMITTING ORGANISATION:**  
FEILDEN + MAWSON

**CLIENT:**  
THE UNIVERSITY OF BUCKINGHAM

**VALUE:**  
£8.5M

**PROJECT MANAGER:**  
LAMBERT SMITH HAMPTON

**MEP:**  
HOARE LEA

**ARCHITECT:**  
FEILDEN + MAWSON

**CONTRACTOR:**  
BEARD CONSTRUCTION

**SURVEYOR:**  
AECOM

**STRUCTURAL & CIVIL ENGINEERS:**  
DESIGN ID







SHORTLISTED WALTON ON THAMES | COMPLETED FEBRUARY 2018

# THREE RIVERS ACADEMY

Three Rivers Academy is a rare example of a new school procured outside the typical Government contractor-led UK model. From the outset the team knew that the entire project needed to advance without any funding available from central or local government, so an innovative funding approach had to be conceived. The School and Sixth Form was borne from the vision of an entrepreneurial head teacher. Her vision was to:

- Create a “world class learning environment for students” particularly given the difficult economic climate
- Create a new community where students would feel safe and proud to be part of
- Transform pre-conceived perceptions about the quality of the School
- Build a new residential neighbourhood
- Provide outstanding facilities that the community as a whole could benefit from and
- To raise the profile of the school in the local area

This resulted in the creation of a number of uniquely designed spaces which have transformed the learning and teaching experiences at the new Academy. It is also the only UK project nominated for the prestigious World Architecture Festival (WAF) Complete School Award. Overall, the project has led to a direct increase in the School's perception in the community, pupil numbers have soared upwards with demand and for the first time in years, the academic results have drastically improved.

**SUBMITTING ORGANISATION:**

SCOTT BROWNRIGG AND  
SPACE ZERO

**CLIENT:**

THE HOWARD PARTNERSHIP TRUST

**VALUE:**

£30M

**PROJECT MANAGER:**

MICHAEL EDWARDS ASSOCIATES

**ARCHITECT:**

SCOTT BROWNRIGG

**CONTRACTOR:**

BAM

**SURVEYOR:**

MICHAEL EDWARDS ASSOCIATES

NOMINATED

HARROW | COMPLETED AUGUST 2018

# WELLDON PARK JUNIOR SCHOOL

Welldon Park Junior School has commissioned a new build extension block to increase the school capacity by an extra form of entry. The new building has been constructed using a volumetric modular construction process whereby much of the building has been complete off site in a factory, which has enabled us to improve the build quality and reduce accidents.

The site issues around logistics, site conditions and planning constraints added further complexity to the project. We have overcome listed buildings concerns by adapting a sympathetic yet modern approach to the materiality, whilst also following a clear construction rationale in which volumetric modular construction drives efficiencies. This was particularly important when designing the double height modular hall space which was critical to the scheme success and something the community will massively benefit from.

Atkins worked closely with all parties including the modular supplier from RIBA Stage 1 to ensure the scheme was meeting all client objectives whilst delivering maximum value for money.



**SUBMITTING ORGANISATION:**  
ATKINS

**CLIENT:**  
LONDON BOROUGH OF HARROW

**VALUE:**  
£2.3M

**ARCHITECT:**  
ATKINS

**CONTRACTOR:**  
WILLMOTT DIXON





SHORTLISTED HOUNSLOW | COMPLETED AUGUST 2018

# EDISON PRIMARY SCHOOL

Edison Primary School in Hounslow was completed in Summer 2018. The scheme comprised the construction of a three storey, three form entry primary school. Facilities included classrooms, two assembly halls, a library, domestic science facilities, a dedicated science room, and full on-site catering facilities.

The layout of the building has been organised to allow specific areas to be used by the wider community out of school hours, when the school so wishes. By closing specific doorways within corridors, only designated areas are able to be accessed and will provide all facilities needed for independent use such as the main hall and small hall. The ground floor studio space has also been considered for evening classes for local elderly community events.

The building management system ensures unused spaces are not heated, helping minimise the school's running costs. The external spaces included provision of a staff car park with a number of vehicle charging points, extensive cycle parking for staff and pupils, a multi-use games area, external play spaces and soft landscaping.

The scheme takes an efficient linear form, which aimed to replicate the simplicity in internal configuration to the building's façade. Large glazed apertures are intrinsically coordinated with both the structural grid and teaching spaces affording optimal internal environments and providing the opportunity for learning on display. Full height glazed panels are also positioned at the ends of the central corridor intimating the position of internal circulation and allowing uninterrupted visual links to the immediate landscaping and playground.

**SUBMITTING ORGANISATION:**  
PICK EVERARD

**ARCHITECT:**  
PICK EVERARD

**CLIENT:**  
EDUCATION & SKILLS  
FUNDING AGENCY

**CONTRACTOR:**  
BOWMER & KIRKLAND

**VALUE:**  
£4M

**SURVEYOR:**  
GREENHATCH GROUP

**PROJECT MANAGER:**  
TURNER & TOWNSEND



# JOHN KEATS PRIMARY SCHOOL

John Keats Primary School is a 420-place primary with a 52-place FTE nursery facility. The accommodation spans two storeys and has external space on one side of the building.

The school sits directly beneath a block of residential units. This meant an extensive design period where the school design and accommodation requirements had to fit in with the planning for the residential accommodation. This was only achieved successfully due to the positive approach and high level of collaboration between all parties. The development used a shared boiler system, thus reducing long-term maintenance costs on the school. This led to some exciting and different classroom shapes that gave an opportunity for invention in the teaching and learning in the school.

The resultant facility is an exciting primary school in a creative and vibrant space. Ingenious use of underground car parking by the developer allowed for a full-size MUGA to be created under a section of residential accommodation, thus providing a highly valued and needed sports facility to be shared with the local community, an adjacent sixth form building (also part of the development) and the primary school.



**SUBMITTING ORGANISATION:**  
DEPARTMENT FOR EDUCATION

**CLIENT:**  
DEPARTMENT FOR EDUCATION

**VALUE:**  
£4M

**PROJECT MANAGER:**  
MACE GROUP

**ARCHITECT:**  
SIMON INNES ASSOCIATES

**CONTRACTOR:**  
SKANSKA

**SURVEYOR:**  
MACE





SHORTLISTED WINCHESTER | COMPLETED NOVEMBER 2018

# CHESIL LODGE

Chesil Lodge comprises 52 self-contained Extra Care Units supported by a number of shared facilities including the main reception area, cafe/restaurant facility, a lounge and activity rooms. The development also includes a day care unit which allows families respite from care for the morning or afternoon.

Conscious of the open nature of the location the design has sought to create an attractive linear landscape along Chesil Street placing the majority of the development to the rear of the site along Barfield Close. This open space is then subdivided to create a sequence of landscape spaces running along the street.

The massing of the development and the facade treatment were developed through a series of workshops with Winchester City Council to ensure that it is sympathetic to its location, whilst recognizing the requirement to deliver a significant building to meet the needs of the 'extra care' residents.

The building is predominantly clad in red brick with weathered bronze cladding to the upper parts which, together with the integral balconies to each unit, create an important syncopation to the facade. Further animation to this facade is through the introduction of decorated perforated fins placed along the balconies.



**SUBMITTING ORGANISATION:**  
DESIGN ENGINE ARCHITECTS

**CLIENT:**  
WINCHESTER CITY COUNCIL

**VALUE:**  
£17.6M

**PROJECT MANAGER:**  
BAQUS

**ARCHITECT:**  
DESIGN ENGINE ARCHITECTS  
IN COLLABORATION WITH PDP  
ARCHITECTURE.

**CONTRACTOR:**  
GALLIFORD TRY

**SURVEYOR:**  
WINCHESTER CITY COUNCIL



# KINGSGATE PRIMARY SCHOOL

Sarah Wigglesworth Architects (SWA), working with Architects Collaborative, was appointed to design an extension to the existing Victorian buildings of Kingsgate Primary School, including a multi-purpose studio, library and community entrance.

The success of the project rests on an ambitious client (London Borough of Camden) and a school with a clear vision for what they wanted to achieve. With knowledge of the site and stakeholders, Architects Collaborative partnered with SWA to develop the project, ensuring the client's objectives were reflected in the design, and safeguarding quality.

The project faced a number of challenges relating to site constraints, funding and the need for the school to remain operational throughout. Structural insulated panels (SIPs) were selected for the building fabric; and prepared off-site, they helped to condense the construction programme and reduce site deliveries.

The completed building reflects the ambition of the client to provide the best education of any local authority in the UK. The new spaces reinterpret the form and scale of the original school building to create a playful and light-filled addition. Designed to enhance the relationship with the adjacent park, the internal spaces offer views through the building towards the mature trees beyond, creating a stimulating learning environment.



**SUBMITTING ORGANISATION:**  
WIGGLESWORTH ARCHITECTS

**CLIENT:**  
LONDON BOROUGH OF CAMDEN

**VALUE:**  
£1.3M

**PROJECT MANAGER:**  
LONDON BOROUGH OF CAMDEN

**ARCHITECT:**  
WIGGLESWORTH ARCHITECTS

**CONTRACTOR:**  
ROOFF

**SURVEYOR:**  
BAQUS

**PHOTOGRAPHY:**  
BECKY LANE







SHORTLISTED LONDON | COMPLETED AUGUST 2018

# BOBBY MOORE ACADEMY

The Bobby Moore Academy Secondary School is a new 9,250m<sup>2</sup> 6FE school for 1,140 pupils on a 3,500m<sup>2</sup> triangular site. Situated in the heart of the Olympic Park, the six-storey school provides essential education and community facilities to support the growing neighbourhood.

The building creates a welcome civic presence to the Park – fronting a new public space overlooking the canal, its bold form sits amongst the existing iconic Olympic structures. The in-situ concrete frame provides thermal mass and long-term, loose-fit adaptability; the palette of two-tone brick slips in glazed and matt finishes, deep aluminium window reveals punctuated with yellow accents, and carefully articulated massing creates a distinctive identity for the school.

Positioned along the northern boundary, the building's design exploits the constricted site, maximising south-facing external play space. Assembly and sports halls are raised to the first floor providing outdoor covered social space at ground level. Roof terraces step-up the rear elevation providing additional external space with views over London.

The school is ideally located to take advantage of the Park-wide sports facilities and is organised as an inclusive facility for out-of-hours public use. Community-accessible facilities are located at ground and first floor with an oversized lift to accommodate para-sports teams.



**SUBMITTING ORGANISATION:**  
PENOYRE & PRASAD

**ARCHITECT:**  
PENOYRE & PRASAD

**CLIENT:**  
DAVID ROSS EDUCATION TRUST

**CONTRACTOR:**  
BALFOUR BEATTY

**VALUE:**  
£27M

**PROJECT MANAGER:**  
MACE GROUP

# KEW GARDENS, GREAT PAGODA

The Great Pagoda at the Royal Botanic Gardens Kew is the most important Chinoiserie-style building in Europe. It is a ten-storey brick tower with octagonal roofs and balconies rising in diminishing steps. After five years of research and investigation it has undergone a major restoration, with the aim of returning it to the original vision. This includes the reintroduction of eighty dragon sculptures on the roofs. It has now re-opened to the public for the first time in thirty years.

We worked with Historic Royal Palaces' buildings curator team and specialist historians to verify the original design and materials. On site we worked with traditional craftsmen to seamlessly re-create the original 18th century workmanship.

The dragon design was created as a clay maquette, then developed at a larger scale by a timber master carver. A panel of historians, materials experts and sculptors was consulted on the likely materials and finishes of the original dragons. We researched and discussed materials options with the project team, eventually using SLS laser 3D printing for 72 dragons and 8 being hand-carved timber.

In the four months the Pagoda has been open there have been over 28,000 visitors, nearly double the number that had been expected.



**SUBMITTING ORGANISATION:**  
AUSTIN-SMITH:LORD

**CLIENT:**  
HISTORIC ROYAL PLACES

**VALUE:**  
£5M

**PROJECT MANAGER:**  
HISTORIC ROYAL PLACES

**ARCHITECT:**  
AUSTIN-SMITH:LORD

**CONTRACTOR:**  
BLUE SKY BUILDING

**SURVEYOR:**  
MORHAM & BROTHIE







NOMINATED

BRACKNELL | COMPLETED JULY 2018

# BINFIELD LEARNING VILLAGE

The development of a very rare 'all through' learning village campus to accommodate nursery age children through to post 16. The development is only one of a handful of such facilities in the UK.

The design responded very sympathetically to its environment and has resulted in pupils being able to navigate through different levels of the building as they grow. Connectivity through well planned adjacencies, natural light and natural ventilation offer occupants the real benefits of the key items identified in the DQI collaboration sessions which were promoted by the client through the project delivery.

This excellent learning campus also offers the local community opportunity to use the excellent internal and external sports facilities and hall/dining areas of the main building.

The development has been delivered through a very collaborative approach between the Authority, their technical advisors and their detailed design and construction teams. Such close collaborative engagement through workshop sessions occurred from inception to completion and enabled a consistent approach, a shared understanding and a fantastic project.

**SUBMITTING ORGANISATION:**  
ATKINS

**ARCHITECT:**  
NICHOLAS HARE/MACE

**CLIENT:**  
BRACKNELL FOREST COUNCIL

**CONTRACTOR:**  
MACE

**VALUE:**  
£36M

**PROJECT MANAGER:**  
BRACKNELL FOREST COUNCIL



NOMINATED

BARKING & DAGENHAM | COMPLETED AUGUST 2018

# ROBERT CLACK LOWER SCHOOL

Delivered using a hybrid of precast concrete and SIPs, the Robert Clack School demonstrates the best of offsite construction. Starting in January 2018, the project was handed over in early August 2018, meeting the Client's need to complete in a highly compressed timeframe following a failed procurement process.

To deliver so quickly it was essential that all parties collaborated from the outset. The project was procured based on a fixed price and programme, to a pre-agreed specification. This innovative approach let the contractor engage the supply chain in the design development phase, resulting in a design that hit the client's budget, programme and quality requirements.

The offsite solution delivered excellent quality, resulting in an EPC score of 15, well below comparable projects, with cost in use significantly below the existing school buildings.

Headteacher, Russell Taylor, said: "The new classrooms are brilliant and will enable teachers and students to continue to strive for excellence. I would also like to congratulate everyone involved for ensuring the block was built on time. Our school motto is 'For the brave nothing is difficult' and so it proved for the team delivering the expansion which was accomplished in just seven months, which is a fantastic achievement!"



**SUBMITTING ORGANISATION:**  
MID GROUP AND INNOVARE

**ARCHITECT:**  
BOND BRYAN

**CLIENT:**  
LONDON BOROUGH OF BARKING  
& DAGENHAM

**CONTRACTOR:**  
MID GROUP

**VALUE:**  
£4M

**PROJECT MANAGER:**  
BE FIRST





NOMINATED

LEYTONSTONE | COMPLETED SEPTEMBER 2018

# THE JUNCTION

'The Junction' is a learning centre facility within Leytonstone which provides the opportunity for local Waltham Forest residents to improve their skills, health and earning potential through involvement in learning services for adults. The facility also includes a refurbished Children's and Family Centre on the ground floor.

The Junction provides state-of-the-art classrooms to facilitate access to a wide range of courses and apprenticeships for adults, designed to help them back into work or to get a better job.

NPS London provided contract administration, project and cost management and multidisciplinary design services for the refurbishment and remodelling of the centre. To boost the amount of adult learning provision in one of the most deprived parts of the borough, twelve new classroom spaces were created, four computer suites and five general classes. The existing Children's and Family Centre was remodelled and refurbished to provide increased office space and better facilities for both children and carers.

Combining the two services in one building offers learning opportunities for all ages in a vibrant setting and aids the council's commitment to 'improve the life chances of our residents'.

**SUBMITTING ORGANISATION:**  
NPS GROUP

**ARCHITECT:**  
NPS GROUP

**CLIENT:**  
LONDON BOROUGH OF  
WALTHAM FOREST

**CONTRACTOR:**  
T&B CONTRACTORS

**VALUE:**  
£1.5M

**SURVEYOR:**  
NPS GROUP

**PROJECT MANAGER:**  
NPS GROUP



NOMINATED

SLOUGH | COMPLETED MARCH 2018

# SLOUGH ICE ARENA

Delivered on time, within budget and scoring 9/10 for client satisfaction, the new Slough Ice Arena has met its brief to breathe new life into the former Montem Ice Centre building. Cultivating its previously curved form, the arena delivers an eye-catching new leisure facility for Slough.

The old Montem Ice Arena has been stripped back to the original steel frame and completely rebuilt with a 1,000m<sup>2</sup> extension.

The building's stunning curved structure, impressive glulam beam arches and floor to ceiling glass curtain wall panels, framed within full height timber cladding, deliver an architecturally striking new focal point in a gateway location on the Bath Road (A4).

The existing arena was in a poor state of repair. The newly refurbished arena delivers vastly improved facilities and improved energy efficiency – having achieved a 39% reduction in annual energy usage. Its landscaping sits seamlessly alongside a protected ancient monument, while its design will enhance future residential development adjacent to the site.

The Arena is home to the Slough Jets Ice Hockey Team as well as multiple different clubs. It has also played host to an array of filming sessions from Dancing on Ice to the National Lottery – raising the profile of the rink and the town.



**SUBMITTING ORGANISATION:**  
SLOUGH URBAN RENEWAL

**CLIENT:**  
SLOUGH BOROUGH COUNCIL

**VALUE:**  
£12.7M

**PROJECT MANAGER:**  
SLOUGH URBAN RENEWAL

**ARCHITECT:**  
GT3 ARCHITECTS

**CONTRACTOR:**  
MORGAN SINDALL

**SURVEYOR:**  
RICHMAL HARDINGE - ARTELIA UK





NOMINATED

HOUNSLOW | COMPLETED OCTOBER 2018

# MARJORY KINNON SEN SCHOOL

The £25 million Marjory Kinnon Special Educational Needs & Disabilities (SEND) School symbolises the London Borough of Hounslow's commitment to enhance the lives of pupils and their families. The school provides 288 places for pupils with complex learning needs, aged 4–16 years. Through extensive engagement with end user groups and the local authority, the new school addresses the chronic shortage of SEND school places, meeting the needs of pupils both now and in the future.

With fluctuating demand for SEND school places, the London Borough of Hounslow (LBoH) faced significant challenges predicting their community's future educational needs. Oversubscription and limited capacity led to some pupils being placed in SEND schools outside their borough, inconveniencing pupils and their families.

A collaborative approach drove the project to meet end user, local authority and community needs. Through a tailored design development programme, greater time was allocated to capture and integrate stakeholder feedback.

The new school is a vast improvement over the dilapidated old building that fronted onto Hatton Road. Through extensive hard and soft landscaping, and improvements to vehicular access and street lighting, the new building has enhanced the landscape, providing a safer, more stimulating facility for staff and pupils.



**SUBMITTING ORGANISATION:**  
PICK EVERARD

**ARCHITECT:**  
PICK EVERARD

**CLIENT:**  
LONDON BOROUGH OF HOUNSLOW

**CONTRACTOR:**  
FARRANS CONSTRUCTION

**VALUE:**  
£25M

**SURVEYOR:**  
PICK EVERARD

**PROJECT MANAGER:**  
PICK EVERARD

# NISHKAM SCHOOL

Nishkam West London Free School is an all-through 4-19 school for 1,400 students, including sixth form, and is sponsored by the Nishkam Trust. Nishkam schools are designated Sikh faith, based on the principle of being nishkam (selfless), and aim to offer excellence in education whilst serving others without expectation or recognition.

The design reflected the vision and curriculum model of the trust. The fluidity of the approach from the contractor allowed the trust to contribute financially to the building and influence the final design to comply with their religious and architectural requirements. This generated some fabulous central spaces and an exceptional entrance using stone imported from Greece. An ETFE roof above the central space created a real wow factor in the design. Natural light floods in throughout the building and photovoltaics on the main roof areas support the local authority's sustainability agenda. The contractors demonstrated their commitment to the local workforce, young people and apprenticeships throughout the build.

This project is a fantastic example of how a vision can be translated into a building design and how a team with many stakeholders can work together positively to deliver a magnificent building for teaching and learning.



**SUBMITTING ORGANISATION:**  
DEPARTMENT FOR EDUCATION

**CLIENT:**  
DEPARTMENT FOR EDUCATION

**VALUE:**  
£25M

**PROJECT MANAGER:**  
MACE

**ARCHITECT:**  
BAM

**CONTRACTOR:**  
BAM

**SURVEYOR:**  
MACE





NOMINATED

TOTTENHAM | COMPLETED DECEMBER 2017

## PHASE 2 HARRIS ACADEMY

The site comprises the existing Harris Academy Tottenham building. The existing academy was an 'L'-shape multi-storey building, with a total gross internal floor area of 8239m<sup>2</sup>. The refurbishment and new build accommodated an additional 725 pupils bringing the overall total to 1570. Phase 2 works were split into two phases, refurbishment (Blocks 2 & 3) and construction of a new three-storey teaching block (Block 4).

The works were undertaken in three phases, which were broken down into four sub-phases. Works also included the complex installation of two two-storey link bridges interconnecting all blocks. Extensive external works included a new playground and car park. All works were carried out within a live school environment. A number of rooms within the live refurbishment works required constant access by the school, such as a chemical store and IT server rooms. 24-hour access had to be maintained to a data centre for London Borough of Haringey and a sub-station for London Underground. Site space was heavily restricted for having only 920m<sup>2</sup> for site welfare, storage and site traffic. The only access to the main site works was through a 6m high undercroft from Ashley Road which was also used by the school pupils.



**SUBMITTING ORGANISATION:**  
FARRANS CONSTRUCTION

**ARCHITECT:**  
MCADAM DESIGN

**CLIENT:**  
HARRIS FEDERATION

**CONTRACTOR:**  
FARRANS CONSTRUCTION

**VALUE:**  
£11.9M

**SURVEYOR:**  
MACE GROUP

**PROJECT MANAGER:**  
MACE GROUP



# CONCORDIA ACADEMY

Concordia Academy is a 630-place primary school located in a residential development in Havering. The school is operated by REAch2; the largest primary-only academy trust in the country. The teaching spaces are designed to be flexible, allowing adaptation to support future modes of curriculum delivery or advances in technology.

There is great history behind the site. The Oldchurch Hospital, built in 1893, served as a military hospital in the First World War and became the Oldchurch County Hospital in 1929, before closing in December 2006. There has been significant residential development on the former hospital site over the last five years.

Site-specific matters influenced the build process, with modern methods of construction adopted. The modular system offered clear benefits for the delivery of a new education facility, enabling the development of this restricted site. During the building process, it was evident that there was a buzz about how modular worked in practice. Given the Free Schools programme is a Government priority, people were keen to understand the elements that were involved. Regular training and CPD events occurred during the construction period. The pupils were also involved in learning events that used virtual and augmented reality and BIM.



**SUBMITTING ORGANISATION:**  
DEPARTMENT FOR EDUCATION

**CLIENT:**  
DEPARTMENT FOR EDUCATION

**VALUE:**  
£9M

**PROJECT MANAGER:**  
MOTT MACDONALD

**ARCHITECT:**  
BLUE SKY

**CONTRACTOR:**  
MCAVOY

**SURVEYOR:**  
JACOBS





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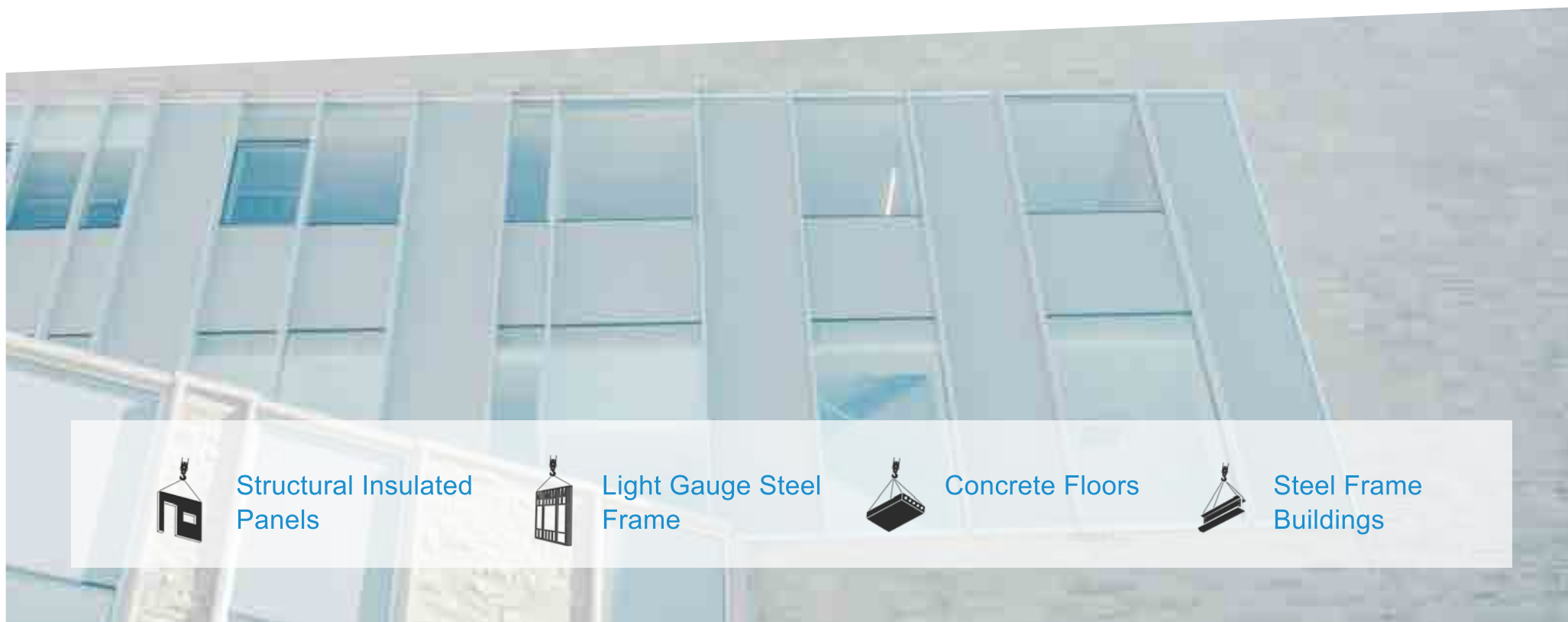
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NOMINATIONS

# WALES & SOUTH WEST





NOMINATED

ABERDARE | COMPLETED JULY 2018

# CWMAMAN PRIMARY SCHOOL

Delivered on time, in budget and scoring 10/10 for customer satisfaction, Cwmaman Primary School has replaced two outdated Victorian campuses and connected a community. Now situated at the heart of the village, this £7.4 million scheme spent 18 months in design to navigate a challenging set of ground conditions.

Built on the site of a former coal mine, the team stabilised three mine shafts, whilst also diverting a culvert containing the main river, which ran directly through the site. Set 9m below the surface the team installed a special pump to cease the river flow as they changed the course of the river around the new school site.

But the project was about so much more than creating a school; it was about connecting a community. The colourful facility now acts as a vibrant hub for the surrounding village as well as providing 240 pupil places. Innovatively, the team also used cart-away from site to create a flood alleviation scheme further up the valley, protecting against the 30-year storm, whilst a brand-new ecology shelf has left behind a better wildlife habitat. This project aligns with the ethos and lyrics of 'Keep the village Alive' by The Stereophonics, from Cwmaman.



**SUBMITTING ORGANISATION:**  
MORGAN SINDALL

**ARCHITECT:**  
BOYES REES

**CLIENT:**  
RHONDDA CYNON TAF COUNTY  
BOROUGH COUNCIL

**CONTRACTOR:**  
MORGAN SINDALL

**VALUE:**  
£25M

**SURVEYOR:**  
RHONDDA CYNON TAF COUNTY  
BOROUGH COUNCIL

**PROJECT MANAGER:**  
RHONDDA CYNON TAF COUNTY  
BOROUGH COUNCIL

# WEYMOUTH HOUSE

The remodelling of the fourth floor of Weymouth House at Bournemouth University provides collaborative working spaces for both the Law and CMC departments. The newly designed floor plate has been split up into three principal areas; dedicated work spaces for Law, dedicated work spaces for CMC and a generous shared space for collaboration.

The work spaces provide a mix of light and airy group spaces wrapped around a number of smaller enclosed rooms for between one and four occupants. The work spaces have been set up to limit the number of people in shared areas with all the open space next to external windows.

Atkins provided a full interior design refurbishment package for this project. Working alongside BU Branding team to maintain a campus wide colour strategy and materials palette. Atkins designed bespoke interior features such as a moss wall and a light wall to the coffee bar breakout area.

Atkins worked with the client and all stakeholders to agree a furniture layout and identify desired furniture types. Furniture supplier BOF then proposed several options which were narrowed down to a final specification by BU and Atkins. Furniture finishes were specified by Atkins to complete the interior scheme.



**SUBMITTING ORGANISATION:**  
ATKINS

**CLIENT:**  
BOURNEMOUTH UNIVERSITY

**VALUE:**  
£1.2M

**PROJECT MANAGER:**  
BOURNEMOUTH UNIVERSITY

**ARCHITECT:**  
ATKINS

**CONTRACTOR:**  
PARAGON INTERIORS GROUP

**SURVEYOR:**  
GLEEDS

**M & E DESIGNERS:**  
HOARE LEA





NOMINATED

NEWPORT | COMPLETED FEBRUARY 2018

# YSGOL GYFUN GWENT IS COED / THE JOHN FROST SCHOOL

Showing commitment to the Welsh language and optimising learning opportunities, two schools were established in Newport in 2018. The John Frost School and Ysgol Gyfun Gwent Is Coed are adjacent to each other in Duffryn. Delivered over 30 phases, John Frost underwent rebranding whilst Gyfun Gwent Is Coed became Newport's first Welsh medium secondary, together providing a capacity of 2,100 students.

The project was jointly funded by Newport City Council and the Welsh Government as part of the 21st Century Schools Programme and delivered by Newport Norse as part of its joint venture partnership with the City Council.

The team held local community focus workshops, created bi-lingual newsletters for residents and encouraged comprehensive stakeholder involvement, incorporating feedback where appropriate into the scheme. Through design expertise, technical ability and a 'can-do' attitude, the wish to deliver outstanding buildings for both schools, without causing undue interference to existing buildings, has been successfully realised.

The projects have led to improved staff and student satisfaction and a legacy in Newport that inspires future generations to succeed, while catalysing the Welsh Government's ambitions to reach one million Welsh speakers by 2050.

**SUBMITTING ORGANISATION:**  
NEWPORT NORSE

**CLIENT:**  
NEWPORT CITY COUNCIL

**VALUE:**  
£27M

**PROJECT MANAGER:**  
NEWPORT NORSE

**ARCHITECT:**  
BOYES REES ARCHITECTS

**CONTRACTOR:**  
BAM

**COST CONSULTANT:**  
WT PARTNERSHIP

**STRUCTURAL AND CIVILS:**  
SHEAR DESIGN

**M & E:**  
HOLLOWAY PARTNERSHIP



# TWYNHAM PRIMARY SCHOOL

Twynham Primary School is built on land off Marsh Lane, Christchurch, in a tranquil location next to the River Avon. The school site lies within the South East Dorset greenbelt, next to an SSSI, and a wetland of international importance.

A major development like this would not usually be permitted in such a sensitive location under National Planning Policy. The exceptional need for this school, in this part of Dorset and the absence of any other suitable sites had to be robustly demonstrated through a challenging planning process.

As a result, the Twynham Primary School's external environment includes some special and interesting features which makes it an extraordinary place for learning.

- Acid grassland; translocated to the margins of the school playing field.
- Native trees and scrub retained to maintain important wildlife corridors.
- New wildlife habitat creation including native tree planting, 370 metres of native hedgerow and new acid grassland.
- Barn owl and kestrel nesting boxes.
- 'Habibats' bat boxes on the building.
- Open mesh fences to enable toad migration through the school site to the River Avon floodplain.

**SUBMITTING ORGANISATION:**  
DORSET COUNCIL

**CLIENT:**  
DORSET COUNCIL –  
CHILDRENS SERVICES

**VALUE:**  
£5.7M

**PROJECT MANAGER:**  
DORSET COUNCIL

**ARCHITECT:**  
DORSET COUNCIL

**CONTRACTOR:**  
MORGAN SINDALL

**SURVEYOR:**  
DORSET COUNCIL





NOMINATED

NEWPORT | COMPLETED OCTOBER 2018

# IQE CLUSTER HOUSE

IQE approached Atkins in 2016 to provide multi-disciplinary design services, along with full professional services for a high purity compound semiconductor foundry based in Newport, Wales. This £38M project takes the former LG Packaging and Testing Facility, a Welsh Government owned building that stood empty for 20 years and turns it into a world class compound semiconductor facility. The project is being carried out in two phases, with the first phase of the works completed in mid-October 2018.

Meeting the challenging timescales of this project highlights exemplar collaboration. Rather than be divided by the daunting task and timescales, the project team united to focus completely on overcoming challenges and delivering the project to the highest standard possible.

The project, which forms an integral part of the CS Connected vision for the world's first compound semiconductor cluster, has received City Deal Funding and supports one of the UK's key growth sectors. Describing the funding arrangement between City Deal and IQE the Secretary of State for Wales Alun Cairns said: "This collaboration is important because innovation is a shared endeavour and I look forward to seeing the cluster take shape and create a lasting engineering and manufacturing legacy in Wales".



**SUBMITTING ORGANISATION:**  
ATKINS

**ARCHITECT:**  
ATKINS

**CLIENT:**  
IQE

**CONTRACTOR:**  
CMB

**VALUE:**  
£38M

**PROJECT MANAGER:**  
FAITHFUL + GOULD



# DARTINGTON PRIMARY SCHOOL

Dartington Primary School is a new 1.5FE primary school with full 2FE facilities, new hard and soft landscaping with large covered play and teaching spaces outside. The building is constructed using sustainable and durable materials. All the main teaching spaces are naturally ventilated and lit, the school has underfloor heating ensuring very low running costs and carbon footprint. Soft landscaping and planting has ensured a good bio diversity with minimal to no impact to existing ecology and botanicals.

The building has been designed to reflect the trees and surrounding landscape. The use of timber cladding and colour rendered panels represent the four seasons of the year as a journey through the school, beginning with light yellows and orange, progressing to vibrant greens, this reflects spring and is where the youngest children are located. As the children progress up through the school so do the colours and materials reflecting summer with the building ending adjacent to a fully mature oak tree representing autumn. As the children move up the key stages, they also journey along the school building. As the final leave falls in autumn the children leave to continue their journey onto secondary school.



**SUBMITTING ORGANISATION:**  
ATKINS

**CLIENT:**  
DEVON COUNTY COUNCIL

**VALUE:**  
£5.6M

**PROJECT MANAGER:**  
ATKINS

**ARCHITECT:**  
FAITHFUL + GOULD

**CONTRACTOR:**  
KIER CONSTRUCTION

**SURVEYOR:**  
FAITHFUL + GOULD







NOMINATED

SOMERSET | COMPLETED FEBRUARY 2018

# NATIONAL COLLEGE FOR NUCLEAR (SOUTH)

Atkins provided civil, structural & building services engineering design for the National College for Nuclear (South) Building at Bridgwater & Taunton College in Cannington. The college provides a reactor simulator and virtual reality engineering learning facilities, offering high-tech specialist training to meet the skill needs of nuclear industry employers. The NCFN is designed as two separate buildings, linked at first floor level by an enclosed footbridge; one building providing teaching spaces, and the other welfare and support spaces.

The Civil engineering design involved completely redesigning the campus' surface-water drainage strategy to allow for a future scheme to provide 200 bed student residences at the site. Attenuation tanks were constructed as a part of the scheme to provide for the future campus development and to prevent downstream flooding.

The Building Services Strategy considered multiple aspects to reduce energy demand. A low zero carbon analysis was undertaken to reduce the reliance on fossil fuels. The final solution was natural ventilation within the general classroom spaces, with mechanical ventilation with heat recovery (MVHR) where appropriate.

Civils and structural - novated to the contractor to RIBA Stage 4 and 5 Design  
Building Services - retained client-side as TA through to RIBA Stage 7.



**SUBMITTING ORGANISATION:**  
ATKINS

**ARCHITECT:**  
AUSTIN-SMITH:LORD

**CLIENT:**  
BRIDGEWATER & TAUNTON  
COLLEGE

**CONTRACTOR:**  
MIDAS

**VALUE:**  
£10.5M

**SURVEYOR:**  
W T HILLS

**PROJECT MANAGER:**  
W T HILLS

NOMINATED

SWINDON | COMPLETED AUGUST 2018

# GREAT WESTERN ACADEMY

Great Western Academy is a new free school for 1,170 pupils in Tadpole Garden Village, in the north of Swindon.

The aspiration for the school was to have an inviting community space with open-plan central areas and maximum natural light coming into the building. The school has been oversubscribed in both its first and second years. The building has recently been awarded a Local Building Control Excellence Award for Best Educational Building in Swindon for 2018.

The community spaces have been positioned and zoned in such a way that the remaining elements of the school can be sectioned off as and when required. The highly active frontage enables the building to engage with the high street by offering strategic, filtered views into key internal spaces. Layers of pellucidity within the façade provide privacy where required and present fleeting glimpses into the community accessible spaces. Clever use of signage promotes the school whilst securing the students from view. The building also benefits from large quantities of solar panels, allowing the school the advantage of a renewable energy source. The desire for natural light, set out in the vision, has been delivered throughout the teaching and learning accommodation.

**SUBMITTING ORGANISATION:**  
DEPARTMENT FOR EDUCATION

**CLIENT:**  
DEPARTMENT FOR EDUCATION

**VALUE:**  
£21M

**PROJECT MANAGER:**  
MACE

**ARCHITECT:**  
SCOTT BROWNRIGG

**CONTRACTOR:**  
BAM

**SURVEYOR:**  
JACOBS





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