



BAART HARRIES NEWALL
CHARTERED ARCHITECTS

PRACTICE PROFILE

*Architecture and Planning
Interior Design
Conservation
CDM Principal Designer*

BHN
architects

Professional Services
Architecture and Planning
Interior Design
Conservation
CDM Principal Designer

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BAART HARRIES NEWALL



Wilderhope House designed by Samuel Pountney Smith in 1860.

BAART HARRIES NEWALL

The collaborative relationship we form with our clients is central to the way we work. We seek to establish a clear understanding of the ambitions and objectives of our clients and translate them into high quality, sustainable architectural solutions.

Over the years we have created a diverse body of work in both the public and commercial sector, the quality of which has been recognized by repeat client commissions and many architectural awards.

We offer design excellence, a solid base of technical expertise and experience developed through our work with a wide range of clients.

We know from our years of experience that finding the right solutions through architecture relies on asking the right questions. Dialogue is at the heart of what we do.



BAART HARRIES NEWALL experience

Educational Buildings

Although our client base is diverse we have built up a particular specialism in educational projects. We are extensively involved with all educational sectors, from nurseries to universities. The range of work varies from internal alterations, modest extensions to the design of new schools,

Community and Arts

We have designed a number of community and arts related projects. The development of such designs involves establishing a strong dialogue with the client in order to find design solutions that not only combine complex interrelated functions, but also express the ethos of the client body. The work ranges from transforming existing buildings to accommodate new uses, extensions and new build projects.

Housing and Residential

We have wide experience in social and private housing design. This includes new build and conversion / adaptation of existing buildings and a variety of housing types, including specialist housing for the elderly, sheltered housing, groups of houses and flats, residential accommodation for staff and students in the educational field, and one-off houses for individual clients.

Conservation

BHN are registered as Architects Accredited in Building Conservation (AABC). The practice has a long track record in the care and conservation of historic buildings, extending from the quinquennial inspection of Grade 1 listed National Trust properties, the execution of large scale repairs to churches and the renovation of public parks.

Ecclesiastical Projects & Quinquennial Reports and Repair Work

As a member of AABC and therefore approved by English Heritage for the design and administration of grant aided conservation projects. The practice currently inspects 40 churches, many of them Grade I or Grade II* listed buildings. Undertaking quinquennial inspections on these historic buildings involves preparation of reports on the church fabric, structure and services and producing drawings and specifications for repair and/or alterations.



BAART HARRIES NEWALL sustainability

Building Design and Environmental Sustainability

Environmental sustainability, energy efficiency and building durability are at the forefront of current design considerations. The provision and use of buildings has a huge impact on the environment. Energy used during building construction, for heating, cooling and lighting buildings, and the chemicals present in materials used in building services and components, all directly affect occupants and the wider environment.

Many of our projects are assessed by the British Research Establishment's Environmental Assessment Method. This assessment method seeks to minimise the adverse effects of new buildings on the environment at global and local levels, whilst promoting healthy indoor conditions for the occupants. The assessment considers a wide range of internal and external environmental issues including energy and water use, renewable resources, sustainability, transport, comfort of occupants and ecology. We have attained BRE AAM Excellent rating on three projects to date.

We received the RICS Sustainability Award for the 'Harris Centre' – a new teaching facility at Walford College, Shropshire. This building incorporates a biomass boiler, with energy supplemented from a ground source heat pump, a wind turbine and photovoltaic panels. While this particular building has a range of renewables we believe in a clear common sense approach to sustainable buildings: they should be carefully orientated, well insulated, well sealed and well built to provide buildings that will last. They should also be delightful places to occupy – to ensure longevity!

In terms of a wider perspective on sustainability we believe the re-use of existing buildings is a matter of urgent concern. We believe the transformation of the existing building stock will prove to be one of the greatest challenges. We have undertaken a number of exciting projects working with existing buildings, re-inventing them, enhancing their energy performance and extending their life span. Examples of such projects include the conversion of a warehouse into a learning centre for Shrewsbury Sixth Form College and the conversion of an existing church and an existing Civic Hall into apartments.



DESIGN AWARDS

Civic Trust Regional Award 2016

Pelsall Village Centre, Walsall

Shropshire Building Excellence Awards Overall Winner 2013

Shrewsbury Sixth Form College
(Earth Science Building)

Shropshire Building Excellence Awards Best Educational Project Winner 2013

Shrewsbury Sixth Form College
(Earth Science Building)

Civic Trust Regional Award 2013

Gwernevy House, Crew Green, Powys

West Midlands Built in Quality Awards Community Winner 2013

Pelsall Village Centre, Walsall

Civic Trust Award 2012 (Community)

Wem Town Hall, Shropshire

Civic Trust Award 2011 (Community)

Cleobury Country Centre, Shropshire

Civic Trust Award 2009 (Mention)

Darlaston Sure Start, Walsall

Civic Trust Award 2009 (Commendation)

St Judes' Primary School
Wolverhampton

RIBA Award 2008

St Judes' Primary School
Wolverhampton

SCALA Award – Civic Building of the Year 2007

St Judes' Primary School
Wolverhampton

RICS Awards 2007 Winner in the Category of Sustainability

The Harris Centre
Walford College, Shropshire

Civic Trust Award 2007 (Commendation)

Flounders Folly, Craven Arms, Shropshire

Shrewsbury Civic Society Award of Merit 2006

Shrewsbury School Boarding House

Civic Trust Award 2005

Manser Antiques New Showroom, Shrewsbury

Civic Trust Award 2004 (Mention)

Walsall Library, West Midlands

Shrewsbury Civic Society - Award of Merit 2004

Shrewsbury Sixth Form College

The 2003 Brick Awards

Best Commercial Building – Winner 2003
Manser Antiques New Showroom, Shrewsbury

Civic Trust Award 2003 (Commendation)

Concord College Students Canteen, Shropshire

Shrewsbury and Atcham Borough Council Design and Heritage Award 2003

Manser Antiques New Showroom, Shrewsbury

Architects Journal/Robin Ellis Small Projects Award 2002 (3rd Prize)

Concord College Students Canteen, Shropshire

Shrewsbury and Atcham Borough Council Design and Heritage Award 2001 (New Build)

Concord College Music School, Shropshire

Shrewsbury and Atcham Borough Council Design and Heritage Award 2001 (Environmental Improvement)

Millenium Lychgate, Church Preen,
West Midlands

Civic Trust Award 2001 (Commendation)

Millennium Lychgate, Church Preen,
West Midlands

RIBA Regional Award 2001

Concord College Students' Canteen

Shrewsbury and Atcham Borough Council Design and Heritage Award 1999

Learning and Information Centre
Shrewsbury Sixth Form College

Civic Trust Award 1998

Heavers Farm Primary School
(Paul Harries)

RIBA Regional Award 1991

Concord College Swimming Pool, Shropshire

CLIENTS

Government Organisations & Agencies

Coventry City Council
Environment Agency
NHS (National Health Service)
North Shropshire District Council
Oswestry Borough Council
Royal Air Force
Shrewsbury and Atcham Borough Council
Shropshire County Council
Shropshire Fire & Rescue HQ
Solihull Metropolitan Borough Council
South Shropshire District Council
Southwark Borough Council
Stoke-on-Trent City Council
Telford & Wrekin Council
Walsall Metropolitan Borough Council
Wolverhampton City Council
Worcestershire County Council

Education

Concord College
Girls' Day School Trust
Grenville College
Kingsland Grange Preparatory School
Moreton Hall School
Prestfelde Preparatory School
School of Arts & Design, UWIC, Cardiff
Shrewsbury School
Shrewsbury Sixth Form College
St Michael's College
Telford College of Arts & Technology
Walford & North Shropshire College
Wrekin College

Community

Cannon Hall Park, Barnsley
Dawley Baptist Church, Telford
English Bridge Workshop, Shrewsbury
Hanley Park, Stoke-on-Trent
Mary Stevens Park, Stourbridge
Surestart Children Centres
Shenley Christian Fellowship
Rugeley Youth Centre

Housing Associations

Beth Johnson Housing Association
Bromford Housing Group
Focus Housing Association
Meres and Mosses Housing Association
Mid Wales Housing Association
North Cheshire Housing Association
Sevenside Housing Association
Shropshire Rural Housing Association
South Shropshire Housing Association
Stonham Housing Association

Commercial & Retail

Bear and Billet Hotel, Chester
Burnt Tree Group
Galliers Homes
Kingsland Estates UK
Manser Antiques
Mytton and Mermaid Hotel Atcham
Polymer Laboratories
Rapra Technology Ltd
Tanners Wine Merchants Ltd
Ternhill Hall Hotel, Ternhill

Ecclesiastical

Diocese of Chester
Diocese of Hereford
Diocese of Lichfield
Diocese of Llandaff
Diocese of St Asaph

Trusts

Shropshire Wildlife Trust
The Field Studies Council of the UK
The National Trust
The Youth Hostel Association

FORDBRIDGE COMMUNITY PRIMARY SCHOOL

A new 2.5 form entry primary school, with nursery and community provision, commissioned by Solihull MBC.

The school is situated in Chelmsley Wood and forms part of a regeneration programme for North Solihull.

The new school brings together primary teaching facilities, a private nursery and community facilities. The teaching accommodation is arranged into three distinct teaching phases.

Adjacent to the school site is a large primary care facility, there are also some shops nearby. It is the local authority's ambition to make this area into a 'village centre'. The approach to the school reflects this ambition, with a large public courtyard space, enclosed on three sides, to the front of the school.

Beyond the public courtyard is a private teaching courtyard. The teaching provision is set around this space.

Phase 3 is set on the first floor, and opens out onto a teaching terrace.

The building has low pitched roofs with overhanging eaves to provide shade to the extensively glazed classrooms. Constructed in masonry, the building has high thermal mass to regulate internal temperatures. There is natural ventilation throughout.



MARY STEVENS PARK, STOURBRIDGE

In 1929 Ernest Stevens, the manufacturer of 'Judge Ware' kitchen equipment, purchased Studley Court Estate. He transformed it into 'Mary Stevens Park', named after his late wife, and presented it to Stourbridge Borough as a public park and recreation ground.

By the start of the 21st Century the park was in need of restoration. In 2013 Dudley Council was awarded a grant from the Heritage Lottery Fund Parks for People programme. BHN and Plinke Landscapes Ltd were appointed to restore the park.

The project comprised the repair and restoration of Grade II listed gates and bandstand along with the conversion of a redundant park office building into a new café. These were designed by BHN with landscaping by Plinke Landscapes and lake restoration by Hafren Water.

Materials and contractors were all sourced locally to maximise the retention and development of local craft skills, including hand forged wrought iron work, Portland stone masonry, fine lime putty pointing, zinc roofing, cast iron repair and gilding.



COLESHILL HEATH SCHOOL

A new 2.5 form entry primary school, with nursery and community provision, commissioned by Solihull MBC.

The school is situated in Chelmsley Wood, and forms part of a regeneration programme for North Solihull.

The new school brings together primary teaching facilities, a private nursery and community facilities. The teaching accommodation is arranged into three distinct phases - each set within a 'pavilion'.

Between the teaching 'pavilions' are external teaching courts. Canopies and projecting roofs provide sheltered external areas around the edge of the building for outside teaching and play.

At the heart of the building is an enquiry hub. The school halls, the administration suite, the staff room and the teaching accommodation all connect back to this central area - which also serves as the main entrance foyer.

The building is single storey with low pitched roofs and overhanging eaves to provide shade to the extensively glazed classrooms. Constructed in masonry the building has high thermal mass to regulate internal temperatures. There is natural ventilation throughout.

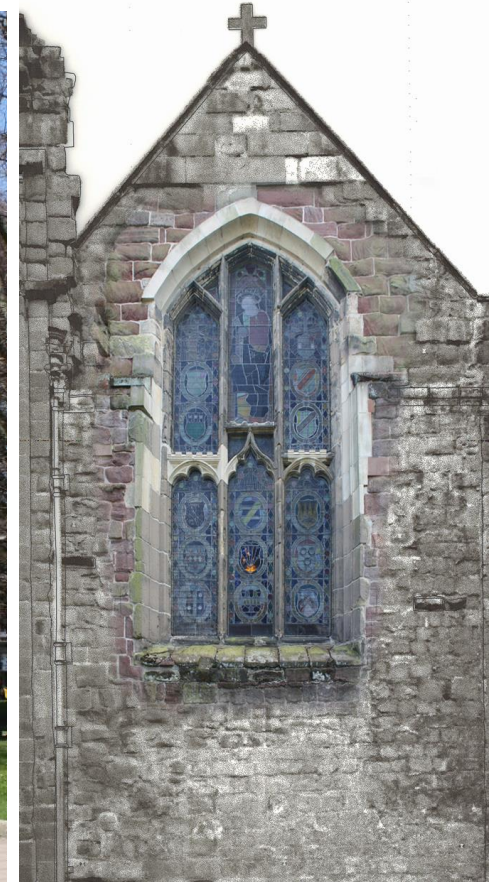


SHREWSBURY ABBEY

Shrewsbury Abbey was founded in 1083 as a place of Christian witness and worship. It is a Grade I Listed building that is still in use today as a Parish Church.

It is a building of great historical importance. In 1136 the bones of St Gwenfrewi, known as St Winifred to the English were enshrined in the Abbey. The Medieval Abbots of Shrewsbury were often drawn into political life because of their great diplomatic and administrative skills. They would be called upon to inspect the local militia, they served as Justices of the Peace and as gaolers for important hostages; and, from the 13th century, they sat in Parliament. In the 20th century, it became the home of the fictional Brother Cadfael, and now receives thousands of visitors a year who want to connect with the stories they have read of the Benedictines who lived in the Abbey.

Mark Newall was appointed Abbey Architect in 2000. Since his appointment he has supervised a number of repairs on the fabric of the building including extensive repair of the North Elevation Stone work. This included new tracery to the North windows along with areas of new dressed stone to replace heavily eroded existing stonework.



MANSERS ANTIQUES, SHREWSBURY

A new showroom for Mansers Antiques, located on a prominent 'gateway' site in Shrewsbury Town.

Mansers Antiques required a contemporary showroom to display their quality collection of antiques. The antique dealers particularly relished the idea of contrasting their collection of old objects with the modernity of the new showroom.

The building addresses a major approach road to the east and overlooks the River Severn to the west.

The showroom is set in the flood plain, consequently the ground floor of the showroom is raised above the surrounding ground level.

The building is detailed robustly in slate blue engineering bricks with fibrocem render. Large glazed areas provide views deep into the showroom.

The views of Shrewsbury from the upper floor are particularly impressive.

The project received a Civic Trust Award in 2005 and was winner of the 'Brick Awards' Best Commercial Building in 2003.



WREKIN COLLEGE – NEW BUSINESS SCHOOL

A proposal for a new extension wing to an existing single storey 1950's teaching block to provide new business school facilities including lecture theatre, boardroom and associated facilities.

The form of the building is conceived of as a series of discreet objects / rooms arranged on a raised plinth. A regular roof supported by columns oversails the architectural elements below, providing a sheltered edge around the building.

The drum form of the boardroom acts as a highly visible focal point at the centre of the college campus.

The use of red brick reflects the surrounding red brick buildings on campus with the curtain walling finished in black aluminium.



ST JUDES PRIMARY SCHOOL, WOLVERHAMPTON

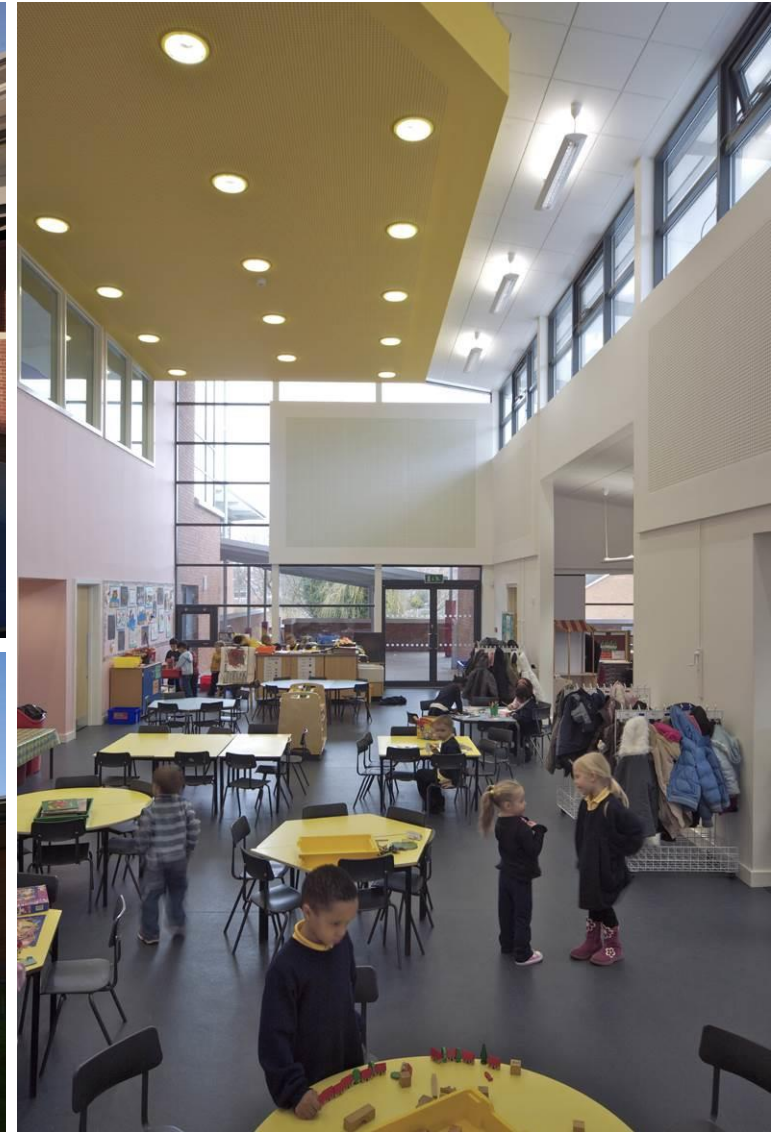
A new two form entry primary school with nursery provision.

The scheme evolved through an extensive participatory design process, which involved the school staff, parents, school governors and Wolverhampton City Council. Presentations of the design in development were also made to the school children and the local community.

The school is situated on a steeply sloping site. The design incorporates a split level plan which allows the building to step down the site in a cascade of roofs and terraces.

The building was procured by a partnered contract in two phases. The first phase involved the construction of the new school building. The second phase comprised the demolition of an existing junior school and the construction of playground facilities.

The school received the SCALA Award for 'Civic Building of the Year' in 2007, an RIBA Award in 2008 and a Civic Trust Award in 2009.



GWERNEVY HOUSE, CREW GREEN

A new private house on the Welsh border. The design of this dwelling alludes to the curved roofs and timber cladding associated with rural and agricultural buildings in the locality.

The ambition was to create a modern building in a rural setting. A building sympathetic to its rural context with a distinct contemporary quality.

The overall form is gently articulated. A timber 'plinth' sits beneath a 'floating' curved roof. The rendered curved form slides from the main body of the house to present the main entrance. A balcony slides out from the house to the north and a roof terrace extends the first floor living space to the west to take advantage of the exceptional views.

The house was designed with a highly insulated timber frame, with underfloor heating generated via a ground source heat pump.

The dwelling received a Civic Trust Regional Award in 2013 and the Powys Building Excellence Award for a Single Dwelling in 2012.



LAWLEY VILLAGE PRIMARY ACADEMY

A new one form entry primary school, with community facilities for Telford and Wrekin Council.

The school forms part of the Lawley Sustainable Urban Expansion Plan, providing new facilities for the adjacent residential development.

It is a key component in 'Lawley Square' – set at the heart of the new urban development. The school hall is designed as a focal point in Lawley Square, while the adjacent teaching wing reinforces the adjacent street line.

The hall roof extends past the building envelope to form a canopy which both signals the main entrance to the school and offers shelter.

Internally the school is arranged with classrooms paired adjacent to shared activity spaces. The shared activity spaces are expressed on the road elevation as a series of large window apertures.

The building is designed to allow for expansion to a 2FE school at a future date.



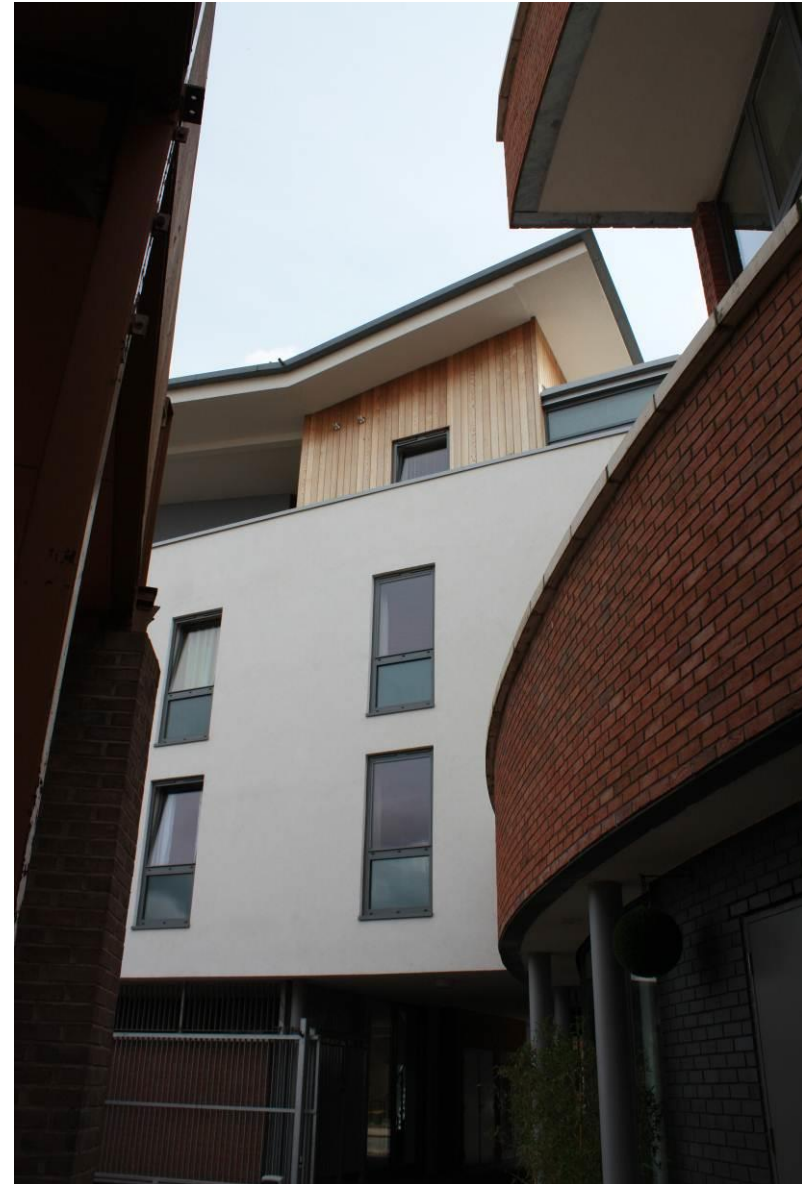
ROUSHILL REDEVELOPMENT

A £2.7m development comprising apartments and retail units.

Located in Shrewsbury Town Centre in the historic district of Mardol this new development re-invents an area previously occupied by dilapidated retail units.

Constructed within the flood zone, this new building offers a street frontage to Roushill, while offering a more informal façade to the area of Mardol Gardens behind.

The building is surmounted with three penthouse apartments with large outdoor terraces that offer views towards the river and the town beyond.



SHREWSBURY SIXTH FORM COLLEGE – EARTH SCIENCE BUILDING

Shrewsbury Sixth Form College is located within the river loop of Shrewsbury Town. The Priory site is the major college site which is adjacent to Victoria Avenue overlooking the River Severn.

BHN was commissioned to design a new building including 4 classrooms, a geography laboratory, a common area for students and a staff room. It was part of their brief that the building should demonstrate a concern for sustainability.

BHN responded to this 'green' agenda by designing a highly insulated and well-sealed timber framed building with cedar cladding. A sedum was used to control run off of rain water, improve thermal insulation and add to the bio-diversity of local plant and animal species.

The project was driven by the very tight funding programme available to the college. Using the insulated factory fitted cassette panels, combined with the use of factory built roof cassettes the timber frame building was erected within 3 weeks to meet the tight programme.

The building received Shropshire Building Excellence Awards for 'Overall Winner' and 'Best Educational Project' in 2013.



WALFORD COLLEGE BARN

Baart Harries Newall was appointed by Walford College to undertake a feasibility study to convert a range of Grade 2 listed barns.

The aim of the project was to convert the existing stables, stores and animal pens into teaching accommodation, student recreation facilities and staff offices.

The stables and barns are set in a U shape around a central courtyard with three inward facing facades of different periods – the building of highest importance being the timber framed range at the rear and north side of the courtyard.

The three phases of building are set at different levels with steps up to the various floors. The proposal was to create a gently sloping courtyard to connect all three floor levels. The courtyard was to be paved with stone cobbles between smoothly paved circulation routes, with a central focal point and social gathering space.



OAKENGATES TENNIS CENTRE

A four court LTA standard indoor tennis centre in Telford with external courts and car parking.

The £2.2m centre was delivered via a Design Build project Baart Harries Newall with contractors Paveaways and has several notable sustainability features.

The hall is heated by underfloor heating, fired by wood pellet boilers.

The hall is naturally lit by rooflights (between courts) and by a glazed end wall – though this needs to be supplemented by artificial lighting to meet LTA regulations.

The hall is also naturally ventilated with heat recovery via “wind catchers” arrayed along the roof.

Original concept design was by Telford & Wrekin Council Architects Department.



MARY SIDNEY HALL, SHREWSBURY SCHOOL

A new boarding house for Shrewsbury School. The house was formally opened in September 2008 and was Shrewsbury School's first Girls Boarding House.

It is named after Mary Sidney (1561-1621) who was one of the first English women to achieve a major reputation for her poetry.

Designed to house 70 girls, the accommodation includes 24 en-suite rooms and dormitories. In addition there is a house mistress' house, matron's flat and tutor's flat.

Throughout the new building the circulation is designed generously, to allow for the inclusion of a variety of informal social spaces for the girls.



PELSALL VILLAGE CENTRE

This project brings together a number of complimentary community resources under one roof: combining a health centre and pharmacy, with a new library and children's centre.

A visit to the doctor's could be combined with a visit to the library. A parent taking one child to the crèche may need to take another to the baby clinic. After a visit to the doctor there will be a pharmacy on the doorstep for prescriptions. The idea is to offer an integrated approach to people's needs – a building that truly serves the diverse, but interrelated needs of the local community.

Set in the heart of Pelsall alongside the Common this new building offers a bright and welcoming entrance space. People arrive at the centre of the building in the new library. Adjacent to the library they will find the children's centre and primary care clinical facilities. On the first floor there are further clinical facilities and four GP surgeries, arranged around a waiting room - a high, top lit space with views out towards the common.

The building received a Civic Trust Regional Award in 2016 and the West Midlands Built in Quality Awards Community Winner in 2013.



WELLINGTON LIBRARY REDEVELOPMENT

Baart Harries Newall was engaged in 2014 to design the redevelopment of a derelict urban site in Wellington, Telford.

The project involved the conversion of a former workhouse and Edwardian library into 6 houses, and the conversion of the 1960's library building into 4 houses. Four further new apartments are to be built in the rear of the site.

Whilst not listed, the street frontage forms the border of the Town Centre Conservation Area, and the former workhouse is locally listed.

Permission would not therefore be granted to demolish these buildings, and it was a requirement that the buildings should be retained and converted, and the streetscape enhanced by their refurbishment.



STONEHOUSE FARM, EAST WALL, SHROPSHIRE

This typical Shropshire farmhouse posed an interesting design and construction problem. The front facade had been destabilised by the earthquake that hit the region in 1990, and required to be completely rebuilt.

At the same time, the owner wished to alter the facade to provide a Georgian fenestration, and this was achieved using historical formulae for size and proportion.

The facade was taken down by hand, and the stones laid out in numbered courses in the adjacent farmyard. The facade was then rebuilt off new foundations, with surviving stones placed in their original locations.

The soft, local olive coloured sandstone is no longer quarried, and a matching Derbyshire stone was used for necessary replacement. Facing masonry was dressed to match the diagonal chiselling of the existing, whilst quoins, cills and lintols were left in a fine rubbed finish.



BUILDINGS SCHOOLS FOR THE FUTURE

BHN was involved in the Building Schools for the Future programme with both Telford and Wrekin Borough Council and Worcestershire County Council.

Telford and Wrekin commission consisted of four schemes. Three of the schemes involved complex phased re-modelling existing secondary schools. The fourth involved a proposal for a new secondary school, primary school and skills centre.

Worcester commission consisted of 2 schemes, Wolverley Secondary School which retained part of an original neo-classical building and a new proposal for King Charles I Secondary School.

All of the schemes were developed to sketch schemes status with Wolverley to outline planning stage. BHN were involved with intensive consultation throughout the process. The schemes were submitted as part of the Outline Business Case for the BSF through intensive consultation.



Charlton School Proposal (above)



Wolverley Secondary School Proposal

CRAVEN ARMS REGENERATION PROJECT

A civic project to assist in the physical and economic regeneration of the Shropshire market town of Craven Arms, jointly promoted by South Shropshire District Council, South Shropshire Housing Association and Advantage West Midlands.

The project comprises an office and customer service space for the Housing Association, a Primary Care Trust and Social Services. The building also contains a range of shared meeting rooms, conference and interview facilities that are available to the occupants and other local amenity groups on a bookable basis.

The sustainability agenda was primarily driven by the Housing Association, as the head leaseholder. The building has been awarded a BREEAM Excellent rating, and features free night cooling, natural daylight and ventilation, enhanced insulation levels, and rainwater harvesting.

The building has three stories of open plan office space in east and south wings, and a four storey central core of reception, meeting and board rooms.



SHREWSBURY FIRE STATION

A £4m project to remodel and extend Shrewsbury Fire Station, to house the headquarters of Shropshire Fire and Rescue Service.

The first phase of the project was to extend and upgrade the vehicle maintenance workshops to provide modern repair and office facilities. This building was used as the temporary fire station whilst the second phase was in progress.

The second phase was to extend and remodel the existing roadside fire station block, to house the headquarters, command and control function of the service, as well as an upgraded fire station.

Lastly the existing HQ building was demolished to provide extended parking on the site.

The range of functions to be located in the HQ building was subject to constant review and change during the construction period, and the plans were required to remain fluid right up until completion.



FRONHAUL, CEFN COCH, POWYS

A 630m² house for two writers who have retired to the country.

The clients' original concept was to purchase and replace a derelict farm, in order to gain consent for a large new house in the countryside.

Recent changes in planning law have further restricted the replacement of dwellings in open countryside, and a strategy was developed to restore the existing cottage, convert the barns to provide new accommodation, and to link them together with a contemporary glass structure forming the kitchen, dining and sitting rooms at the heart of the house.

The cottage contains two writers studies on the ground floor, and three guest bedrooms above; whilst the converted barn wing contains a TV and music room, guest bedroom and master bedroom.

The garage wing includes a woodworking workshop and sculpture studio.

The house has numerous green features, including ground source heat pump, solar water heating, heat recovery ventilation, triple glazing, rainwater recycling, and 350mm of recycled insulation in the walls and roofs.



FLOUNDER'S FOLLY

Flounder's Folly is a Grade 2 listed stone tower, standing on the skyline at the top of Callow Hill, a few miles north of Craven Arms, Shropshire.

The folly was built in 1838 by Benjamin Flounder, a C19 industrialist, ship owner and public benefactor.

The folly was designed by Ludlow architect R Blakeway-Smith, and a collection of some original drawings still exists in the North Yorkshire Records Office.

Photographs dating from 1938 show the tower fairly intact, and the text indicates that the battlements had been substantially rebuilt. A further collapse of the battlements occurred in the 1980's, suggesting an intrinsic weakness in the parapet design.

The parapets have been restored using Forest of Dean sandstone, and a new reinforced concrete roof deck has been designed to provide stability to the overhanging battlements. A new staircase and door have been inserted, and the existing masonry walls have been repaired and repointed.



WEM TOWN HALL, SHROPSHIRE

Wem Town Hall was redeveloped as a lottery funded community arts venue in 1990 following a disastrous fire. The Victorian front façade was retained, but most of the remainder of the building was replaced.

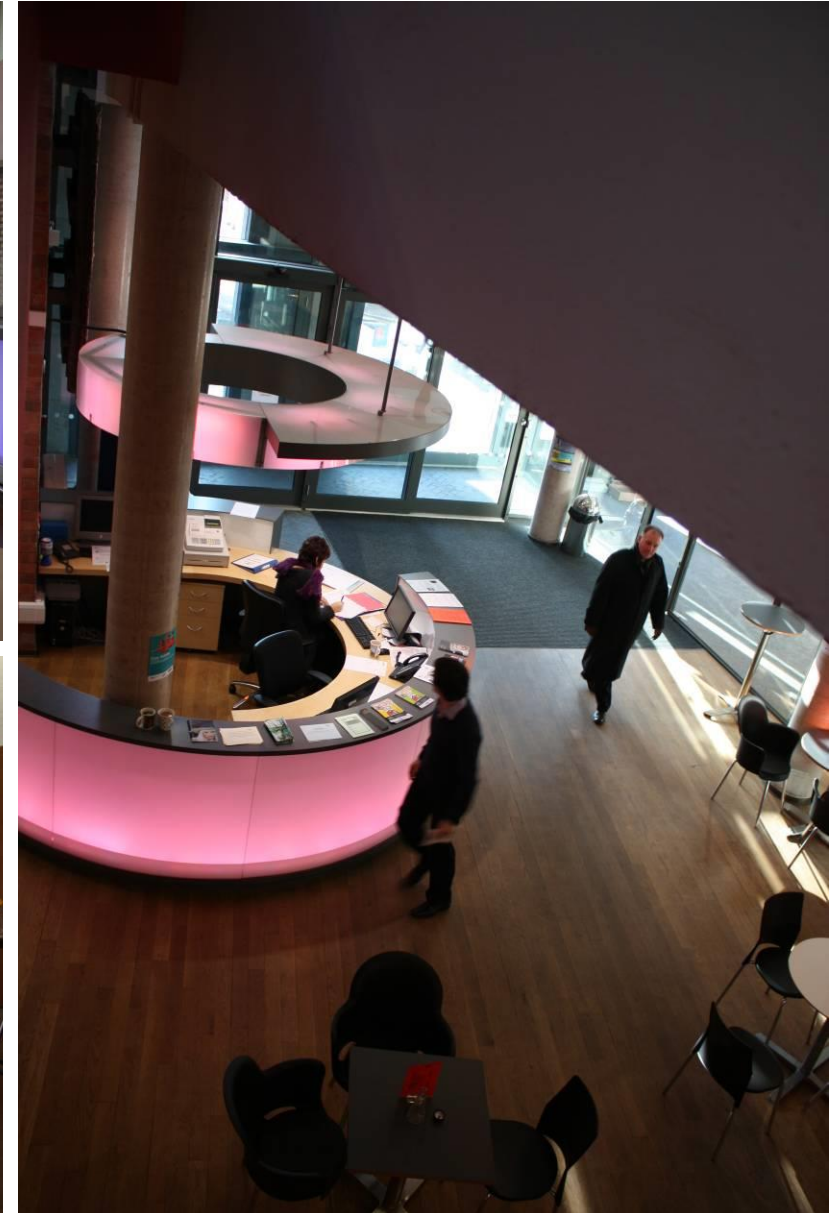
In practice the centre had struggled to justify its revenue costs, and the performance space had proved unpopular in terms of ambience, acoustics and functionality.

Wem Town Hall Trust has now taken over the running of the building, and the media faculty of the local high school have occupied the upper floor.

A new reception area and bar have been installed, to improve the attractiveness of the building from the street. A new draught lobby, and lowered fabric ceilings improve the comfort of this area. The café area is now a busy public space during the day and evening.

A new secure gallery and admin offices have been provided off the reception hall.

The performance area has enhanced acoustic linings to the ceiling and a new enclosed cinema projection/sound control booth.



St BARTHOLOMEW'S PRIMARY SCHOOL

An extension to an existing primary school comprising 2 reception classes, a nursery, a childrens centre and a new school kitchen.

The project involved grouping together all early years activities to provide an integrated facility for children, parents and teachers. The client is Worcestershire County Council and the contract value is £1.8m.



DARLASTON SURE START

A new Sure Start Children's Centre for Walsall Metropolitan Borough Council.

Baart Harries Newall was appointed as architects in Spring 2004 to carry out a feasibility study, and later to design a project to convert and extend Ilmington House, an existing Edwardian villa, to provide a new children's centre.

The new building forms an L shaped footprint with the existing house, enclosing a secure play area to the south, with canopied French windows opening out from the crèche spaces and café.

The site sits upon the former Bull Piece colliery, and is traversed by numerous mining roadways at a depth of 17m. The project included extensive ground remediation, and grout filling of the mining galleries. Two shafts were also filled and capped.

The project includes 36 child-care spaces, a community cafe, and a wide range of family and parent facilities such as health rooms, meeting and training rooms.

The project sits within a conservation area, and the design philosophy has been to faithfully restore the highly decorated Edwardian villa, and to contrast this with a modern extension, clad in timber and glass.



UPPER ARLEY PRIMARY SCHOOL

An extension to an existing Victorian Primary School. The new building counterpoints the old with its simple form and white rendered walls.

It has a green sedum roof and two cones which bring light and air into the centre of the building.

Classrooms open up out onto a small veranda providing a covered external play area on a highly restricted site.



SMART COMPLEX SHREWSBURY

The Smart Complex is a design for the re-development of Shrewsbury Museum and Art Gallery, with a new tourist information centre and town centre public conveniences. Prepared for Shrewsbury and Atcham Borough Council.

Baart Harries Newall won the commission via a process of competitive interview.

The project involved incorporating, and transforming, existing museum facilities, housed in a seventeenth century warehouse and mansion. These facilities were to be extended by developing the adjacent site currently occupied by a car park.

The proposed scheme would create a new town square, part framed by the existing historic buildings, part by new, contemporary architecture.

The accommodation would include permanent and temporary exhibition spaces, a Category A exhibition space, a lecture theatre, a restaurant and a sculpture garden on the roof of the proposed extension.



KINGSLEY COLLEGE, SIXTH FORM CENTRE

The new sixth form centre forms part of a wider reorganisation of Kingsley College Campus undertaken by BHN in 2007 – 2008.

The single storey building occupies an irregular site to the south of the campus. The primary rooms within the new building – common room, private study and resource suite area are orientated towards the east – overlooking an existing pond and the expansive college grounds.

A central circulation space within the sixth form centre accommodates locker facilities for the students. This central space has natural light and ventilation provided through a raised section of the roof.



WALFORD & NORTH SHROPSHIRE COLLEGE

A £2.2m development comprising, animal care, horticulture and general teaching accommodation, for a tertiary education college specialising in land-based studies.

The college brief was to produce a building that explores a number of green technologies, and to use these as a teaching and demonstration aid in the area of rural diversification.

The building is primarily constructed from materials scoring A in the BRE Green Guide, and is partially clad in oak grown on the college estate. Additionally the building is insulated to a standard 25% higher than the current building regulations.

Energy conservation systems include photovoltaic panels, wind turbine generator, ground source heat pump and biomass boiler. The college intend to produce their own fuel by growing short rotation willow coppice and Miscanthus crops, and with the waste products of their forestry courses. Read-out displays provide real-time demonstration of energy production and use.

Canopies and solar shading prevent excessive summer heat build up, and the classrooms are naturally ventilated. A rainwater balancing pond provides a new wildlife habitat.



CAFE, CONCORD COLLEGE

The new pavilion café at Concord College is set in an eighteenth century walled garden. The height of the pavilion is kept low to allow the building to sit comfortably into its historic context.

The building is constructed with a steel frame with glazed and masonry walls. The roof extends past the enclosed café and the steel support structure. A continuous band of glazing between the masonry walls and the underside of the roof increases the illusion of a floating roof.

The cafe is equipped with stainless steel fitted kitchen units. Residential students can prepare their own food within the fully equipped kitchen area.

The building is on a raised concrete plinth forming a terrace for dining out in the summer. Two large sections of the glazed wall can be opened up during the summer to allow easy access between the inside and the outside, transforming the building into a roof with columns.



CENTRE FOR PERFORMING ARTS, CONCORD COLLEGE

A new performing arts centre designed for Concord College, Acton Burnell, by Baart Harries Newall.

The new facility, set in the delightful grounds of an eighteenth century hall, was completed in November 2000. It provides a 300 seat auditorium space, an orchestra room, a suite of seven practice rooms and five classrooms.

Musical and dramatic productions are regularly staged within the new auditorium space by both the college students and professional performers.



POLYMER LABORATORIES, CHURCH STRETTON

A new high technology building for Polymer Laboratories at Church Stretton.

Polymer Laboratories develop high technology polymer products for chromatography, and diagnostic and pharmaceutical applications.

The company was founded in 1976, and while its headquarters remain in Church Stretton, it operates from offices in the USA, UK and Europe.

During the summer of 1998, Polymer Laboratories reviewed the need to expand and reorganize their premises at Church Stretton.

Baart Harries Newall was appointed in December 1998 to undertake the design of a new building, to contain production facilities, laboratories, offices and other associated facilities.

The proposed building faces onto open park land, and all internal circulation is directed along a glazed two storey walkway facing the park.



GLADSTONE POTTERY MUSEUM, STOKE-ON-TRENT

Gladstone Pottery Museum is a former manufactory, now converted into a working museum. Exhibits display the history and methods of pottery manufacture in Stoke-on-Trent, and working potters demonstrate the traditional crafts involved in this process.

A bottle kiln comprises an external bottle shaped shell of brickwork known as a "hovel", and an inner firing kiln known as an "oven". The brickwork of the oven is bound with iron or steel bands consisting of short straps known as "bonts". Pots to be fired are stacked inside the oven in "saggars".

Conservation of bottle kiln no 4 involved the repair of the brickwork of the hovel and the replacement of broken bonts to the inner oven.

Decayed bricks were cut out and replaced with a matching black, imperial sized brick. The outer and inner surfaces were repointed with lime mortar, coloured with soot to match the existing black mortar.

39 new bonts were forged by the blacksmith at Etruria Museum, and fitted to stabilise the oven in three new complete bands.



BARCROFT PRIMARY SCHOOL - WALSALL

A new £6.6m two form entry primary school for Walsall Metropolitan Borough

The school was formerly located on two adjacent sites at Barcroft (infants) and Albion Road (Juniors, in Willenhall). The project brought the schools together into a single building on the Barcroft site, whilst the Albion Road site became the school playing fields and staff car park.

The site required extensive remediation of historic mine workings and an innovative vibro piled raft foundation to overcome ground conditions caused by the working of three shallow depth coal seams.

The new school is organised around a central atrium space which incorporates learning pods and resource areas.

The 14 classrooms are all entered from the atrium, with the younger year groups on the ground floor, and the two eldest year groups on the upper floor.

The scheme has achieved BREEAM Excellent at the design stage assessment.



HEADQUARTERS BUILDING, BURNT TREE GROUP, SHREWSBURY

A new headquarters building for the Burnt Tree vehicle hire company at the Battlefield Business Park, Shrewsbury.

As the first building on the new business park, the Burnt Tree Headquarters occupies a 'gateway' site, adjacent to a new roundabout. The long barrel roof form is dramatically terminated by a forty-five degree cut, which addresses the roundabout. The roof oversails until it terminates in a point.

New office accommodation is located behind a glazed facade at the 'sliced' end of the building. Offices, meeting rooms, the board room and a canteen are all grouped around a triangular atrium space that rises through two floors.

At the rear of the building is a large fully equipped workshop and spray shop, used for on site maintenance of the vehicle fleet.



HEAVERS FARM PRIMARY SCHOOL

A new two form entry primary school in south London.

Winner of a 1998 Civic Trust Award. Described by the awarding committee as 'a welcoming and innovative building that makes a real contribution to primary school design and is clearly enjoyed by pupils and staff'.



ST FAITH'S YOUTH AND COMMUNITY CENTRE, DULWICH

This Grade II listed Arts and Crafts hall was built as the Church of St Faith, early in the C20th. A new church was later built alongside, and the original building became the church hall. By the 1980's the hall had become rather shabby, and was a greatly underused resource.

The building was converted to accommodate a wide variety of functions that benefit both the church and the local community.

A mezzanine floor and gallery were inserted into the main hall, with removable acoustic partitions that allowed the space to accommodate a function room, gallery, creche and youth club. A floor was also inserted into the former sanctuary, creating a bar above, and a stage below.

The linking block between the hall and the church was altered to form a meeting room and choir vestry above, with priest's vestry, parish office, and a daycare centre for the elderly below.

Elegant insertions were designed to counterpoint the robust interior, and materials were limited to wood, glass and brick to create a warm, friendly interior.



