



Natural  Stone
Stone
2012 *awards*

Lord's Cricket Ground, London, 30 November 2012
Souvenir Programme




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This Souvenir Programme of the Stone Federation Great Britain 2012 Natural Stone Awards is produced by the stone industry's monthly magazine, *Natural Stone Specialist*. It includes those projects that the judging panel of renowned architects, supported by a distinguished stonemason, have selected for recognition. The winning projects have been chosen for their exemplary design and execution of the stonework. The clients, architects, main contractors, specialist stone contractors and stone suppliers are all recognised for their essential contributions to the successful projects.

The Natural Stone Awards 2012 are presented by **Stone Federation Great Britain**
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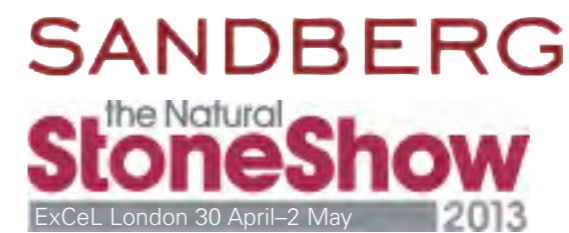
Please note: While every effort has been made to reproduce colour faithfully to the original, due to the limitations of the printing process accuracy cannot be guaranteed. Always see samples of stone before specifying or buying.



The Winners

NEW BUILD Modern Style Stone Cladding Award: The Merchant Hotel, Belfast 4 Highly Commended: Sainsbury Laboratory, Cambridge 5 Commended: 12 Upper St Martin's Lane, London 5 No1 Bartholomew Lane, London 6	Commended: Willimoteswick Castle Farm, Bardon Mill 12 Christ Church College Deanery & Treasury, Oxford 12 Holy Trinity Church, Banbridge 13 Church House and Fisherwick Buildings, Belfast 13	CRAFTSMANSHIP Award: South Quire Buttress, Turret & Spirelet on the East Front of York Minster 21 Highly Commended: Replacement of WWI Memorial following vandalism, Cheltenham 22 Commended: The Apple Tree, Hereford Cathedral 22
NEW BUILD Traditional Style masonry Award: Rigg Beck, Cumbria 7 Highly Commended: The Mount, Shropshire 8 New Bespoke Residential Property, Surrey 8 Water Pavilion, Cornwall 9 Commended: Westfield Folkhouse, Nottinghamshire 9	INTERIORS Award: Williamstrip Park Extension and Bath House, Gloucestershire 14 / 15 Highly Commended: Staircase at the Red House 16 Commended: St John's Church, Hyde Park, London 16 Staircase, Private Dwelling 17	NEW TECHNOLOGY Highly Commended: Bourne Hill Offices, Salisbury 23 Commended: Kendall College, Cumbria 23
REPAIR & RESTORATION Award: Restoration of the East Elevation of the Quadrangle at Buckingham Palace 10 Highly Commended: Dunderave Castle, Argyll 11 St Nicholas, Peper Harow 11	LANDSCAPE Award: More London 18 Highly Commended: Tudor Square, Sheffield 19 Commended: Exhibition Road Streetscape, South Kensington, London 19 Elizabeth Street Public Realm, London 20	SPECIAL AWARD Art in Stone Award: Green Park Underground Station, London 24 SUSTAINABILITY 26 / 27 Award: La Moinerie Hotel, Sark PV Power for Bowdens Quarry & Downs Quarry Nelson Public Realm Improvements

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2012 Natural Stone Award Winners – 4 Awards
2010 Natural Stone Award Winners – 3 Awards

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The Judges say:

On behalf of Stone Federation, the Judges would like to thank all those who entered the competition. Even in these recessionary times, it is pleasing to see that a high number of entries was received, confirming that clients continue to invest wisely by specifying natural stone for use in their projects.

The Judges travelled the whole of Great Britain and Northern Ireland, examining the projects that were entered in this extremely prestigious competition. Once again stone was observed to be used in a variety of ways, demonstrating the material's versatility, durability, timeless beauty and its green credentials.

All the judges are volunteers who happily undertake this work alongside Stone Federation. They undertake this task being totally convinced that stone is one of the most versatile of building materials, and the Stone Awards are a way of reminding a broad audience of this, while rewarding those in the industry who deserve praise for their skills.

There was one aspect that the Judges

noted: Traditional detailing has often been forgotten. For example, not providing a granite plinth at the base of a building in a city street can result in early deterioration in buildings, as can omitting drip mouldings from buildings in order to protect the face.

On the other hand, during the judging we have seen many excellent modern interpretations of such details in the course of our travels. Designers of stone buildings should appreciate that many of the traditions have come down to us through trial and error and while they might possibly be reinterpreted, they are ignored at your peril.

Once again the Judges were pleased at the amount of natural stone now being used by local authorities in streetscapes. It raises the quality of our environment immensely. Many developers are also using stone for hard landscaping in the public realm, raising the quality and value of their developments. There is also more stone being used in housing

schemes, which again enhances the environment.

These Stone Awards are an important element in Stone Federation's drive to promote the use of stone. Stone Federation also promotes natural stone by running courses and seminars, such as CPDs, individually tailored to architects' practices. They run courses in the use of stone in buildings and their Stone in the City seminars are held across the country. The message is clear: Stone, correctly used, correctly sourced, professionally worked and fixed, enhances our environment and maintains our quality of life.

Sustainability is currently at the forefront of all our minds in the building industry and stone, being a natural material, clearly has many sustainable qualities.

The subject of sustainability in relation to stone is broad, involving not just its use in buildings and landscapes, but its sourcing from quarries and mines. On the Judges' recommendation, Stone Federation has launched a

natural stone Sustainability Award covering all aspects of the industry and the diverse projects of the winners (see pages 26 & 27 of this Programme) go to demonstrate how sustainable using stone really is.

The Judges were pleased to note the industry generally is still supporting skills training. This provides a continuing supply of craftspeople that have the knowledge and skills to deliver high standards of workmanship and quality new projects in stone, as well as craftsmen and women to cater for the demands of preserving the stone-built heritage of the nation.

It is essential that the industry keeps selling this fantastic material to ensure that there is employment in the future in this craft.

The Judges call on the industry and those who use its undoubted talents to encourage contractors, architects and building owners to contact Stone Federation for an application form to enter the next Natural Stone Awards in 2014.

The Judges are:



John M Burton, DipArch, RIBA, IHBC, AABC, Chairman of the Judging Panel.

John has worked as a Partner of Purcell, the architectural partnership that recently changed its name from Purcell Miller Tritton to Purcell LLP, for the past 42 years.

John is Surveyor Emeritus of Westminster Abbey and the Surveyor to the Fabric of Canterbury Cathedral. He is Conservation Advisor to the Crown Urban Estate and served as a National Trust Council member for the past six years. He was a member of the Cathedrals Fabric Commission for England and the English Heritage Places of Worship Panel.

He is an experienced lecturer in conservation and restoration works in the UK and USA. He is President of the Surveyors' Club. He is a Liveryman of the Worshipful Company of Carpenters and Upper Warden of the Worshipful Company of Masons.



Ingval Maxwell, OBE, DADun, RIBA, FRIAS, CAABC, ACA FSAScot, qualified as an architect in 1969 and spent his

professional career dealing with the conservation of ancient monuments and historic buildings until his retirement from Historic Scotland in 2008.

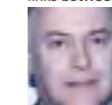
He is a past Chairman of the Scottish Vernacular Buildings Working Group and past Convener of the Scottish Stone Liaison Group and Scottish Historic Buildings Fire Liaison Group. He represented the UK on the European

Commission COST Action C5 programme 'Urban Heritage, Building Maintenance', was Chairman of the European Science Foundation's COST Action C17 'Fire Loss to Historic Buildings' and a member of the European Construction Technology Platform 'Focus Area Cultural Heritage'. He is currently a member of the EU Cultural Heritage Identity Card and AHRC/EPSC Science & Heritage Advisory Groups, the Journal of Architectural Conservation Editorial Advisory Board, and an Honorary Member of the ICOMOS International Scientific Committee on Stone. He is a Trustee of the Conference on Training in Architectural Conservation and the Charles Wallace India Trust, and an Advisory Board Member of Learn Direct and Build.



Graham Lee, DipArch, RIBA, is a Partner at London-based Sidell Gibson Architects. Since joining in 1986 he has principally been

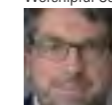
involved with the large number of new build commercial projects that have been designed by the practice. Beginning with stone detailing, specification writing and testing, he has now been lecturing for 10 years for Stone Federation on the appropriate use of stone and the historic links between Architecture and Masonry.



Julian Limentani, BSc, BArch, RIBA, FRSA, is a Graduate of Bath University. He started his architectural career with Marshall Sisson Architects of Huntingdon in 1973 and has been a Partner in the firm since

1979. He has been Cathedral Architect of Peterborough Cathedral since 1989, where he is also an Honorary Lay Canon.

Among his other appointments, he is Chairman of the Rochester Cathedral Fabric Advisory Committee and Chairman of the Cathedral Architects Association. He is a Liveryman of the Worshipful Company of Masons.



Malcolm Reading, DipArch, RIBA, Hon FRGS, FCSD, FRSA, is chairman of Malcolm Reading Consultants, a strategic

architectural consultancy specialising in heritage masterplanning and architectural competitions. He was previously Director of Design & Architecture at the British Council and co-authored *Lubetkin and Tecton* with Peter Coe. He works regularly with the Heritage Lottery Fund as an assessor and monitor for major projects with high-risk status. He has been on the board of Historic Royal Palaces since 2005, is Chairman of the Tower of London UNESCO World Heritage Site Consultative Committee and Trustee of Edinburgh World Heritage.



Ulrike Knox, DipArch, RIBA, AABC, is Cathedral Architect for Bradford Cathedral and Principal of Knox-McConnell Architects,

having previously been an Associate with Purcell in York. Working with the Surveyor to St Paul's Cathedral, Ulrike was the Project Architect for the internal cleaning and conservation of St Paul's, a major part of the Tercentenary Project that won

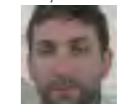
the RICS Project of the Year Award in 2009.

Ulrike has extensive experience in the care and conservation of stonework and also new masonry installations in historic buildings. She was elected President of the Ecclesiastical Architects & Surveyors Association in 2010 and is a member of both the Fabric Advisory Committee (FAC) for Ripon Cathedral and the Diocesan Advisory Committee (DAC) for Ripon and Leeds.



Paul Gibson, RIBA, studied mechanical engineering at London University, and continued his studies at the Canterbury

School of Architecture and the Regent Street Polytechnic. After working for Norman Foster, Terry Farrell and Nick Grimshaw, and teaching in the USA, he commenced private practice in 1973, founding the Sidell Gibson Partnership with Ron Sidell, famous as the architects of many of London's major stone-clad buildings.



Sean Collins started training at John Bysouth Ltd in 1987 and completed a four-year apprenticeship followed by three

years as a draughtsman, the third year as Drawing Office Manager. During this time he worked on many prestigious buildings, including Buckingham Palace, St James Palace, Windsor Castle and the Houses of Parliament. In 1994 he started as Workshop Manager for Boden & Ward Ltd and in 1999 formed the present day highly successful Boden & Ward Stonemasons Ltd.

Award: The Merchant Hotel, 16 Skipper Street, Belfast

Client : Merchant Hotel Ltd
 Architect : John Busteed, Consarc Design Group Ltd
 Builder / Main Contractor : Strong Construction
 Principal Stone Contractor: S McConnell & Sons Ltd
 Stone used: 1) Bath Stone
 2) Armagh limestone
 Stone supplier: 1) The Bath Stone Group
 2) W G Mills & Son

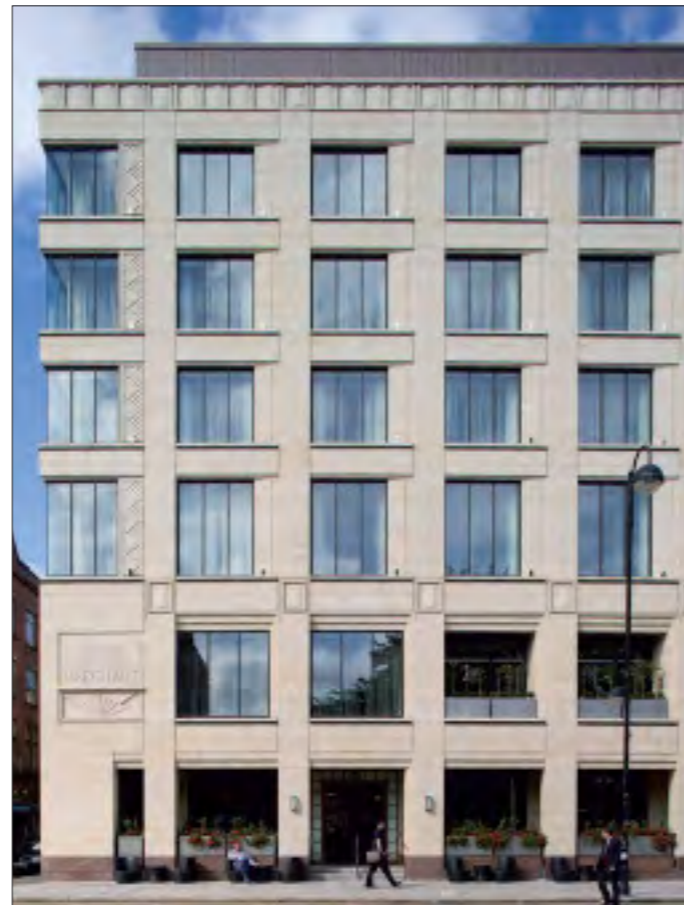
Originally built in the late 1860s for a bank and now the Merchant Hotel, this new build submission uses an effective mix of Bath Stone for the majority of the masonry that appropriately sits on a dark Antrim limestone base course. Compared with some of its immediate neighbours, it is more in scale with its surroundings and sits well on its urban footprint.

It has been sensibly designed with 75mm thick cladding, consistently pointed with an appropriate, slightly darker sand-based lime mortar mix that gives a pleasing emphasis to the cladding panels. Particular care and attention has been paid to the alignment of the expansion joints. These have been successfully integrated with the architectural features and are readily disguised in vertical shadow gaps.

A high degree of quality control has been exercised in the manufacturer of all the individual stone panels – the finish of each is perfect in every

“The Bath stone is already taking up its matured honey coloured hue and will continue to do so, increasingly and effectively complementing the dark base course.”

respect. Matching the high degree of quality and accuracy achieved in the cutting yard, similar controls have been effectively extended to oversee



site delivery, storage and the building process.

Primarily attained through the use of packing shims, a construction consistency has also been achieved in the width of all beds and joints throughout the structure. The Bath stone is already taking up its matured honey-coloured hue and will continue to do so, increasingly and effectively complementing the dark base course.

This project presents a high degree of quality control in the manufacture,

construction and finish of the stonework and is a worthy winner in the New Build category.



Highly Commended: Sainsbury Laboratory, Cambridge

Client : Cambridge University
 Architect : Gavin Henderson, Stanton Williams
 Builder / Main Contractor : Kier Build
 Principal Stone Contractor: Szerelmey
 Stone used: Pierre de Jaumont
 Stone supplier: Pierre de Jaumont-Vaglio SAS

This is a large new set of laboratories on the edge of the Botanical Gardens in Cambridge. It has a colonnaded façade which has the effect of adding verticality to a very horizontal design.

The workmanship and site control in this scheme is of the highest order; all

joints are very even and tightly controlled.

The columns are made up of a series of small stones fixed on-site with two rods through them.

This stonework is all absolutely even, straight, and without chips.



Commended: 12 Upper St Martin's Lane, London

Client : Longmartin Properties
 Architect : Warren Milne, MR Partnership
 Builder / Main Contractor : Wates Construction
 Principal Stone Contractor: Putney & Wood Ltd
 Stone used: Jura limestone
 Stone supplier: Solnhofen Stone Group GmbH

been clad in vein-cut 50mm Jura Beige limestone, which includes intricate detailed bays and projections.

“The whole is pleasing and well built.”

This is an excellent development. It is part stone and part bronze, except for a retro-fitted door canopy. The whole is pleasing and well built with the granite plinth providing a sound base to the whole structure.

This new office and retail development is on the corner of Long Acre and St Martin's Lane in Covent Garden.

The contract combined the cleaning and restoration of the existing Victorian building as well as the design detail, procurement and installation of stone for the new build element of the scheme.

The reinforced concrete structure has



Commended: No1 Bartholomew Lane, London

Client : Cornerstone City Developments
 Architect : Yarema Ronnish, Sidell Gibson
 Builder / Main Contractor : Balfour Beatty
 Principal Stone Contractor: Putney & Wood Ltd
 Stone used: Portland Whitbed
 Stone supplier: Albion Stone PLC

This is a building that was extended upwards by adding four new floors. The lower part was cleaned.

obtain planning permission for the project to add upper floors to match the existing work below.

The new, upper stories respect the rhythms and proportions of the lower stories and avoid clashing or overpowering the scheme.

The stone matches the original well, so the whole blends into one attractive building.

This is cladding using thin stone that looks more solid than it is and is well detailed.

The building is in a sensitive position opposite the Bank of England and it took four years to

The stone detailing on the upper floors follows the style of the original 1930s building, including arched windows with projecting springers and keystones, and curved and concave detail to the corners. Attention to detail includes string courses and deeply recessed windows that will ensure effective weathering.

“ Nicely done cladding; very thin stone that looks more solid; well detailed ”



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Award: Rigg Beck, New Private House, Cumbria

Client : Charles Carter
 Architect : Simon Knox, Knox Bhavan Architects
 Builder / Main Contractor : Cox & Allen (Kendal) Ltd
 Principal Stone Contractor: Cox & Allen (Kendal) Ltd
 Other Stone Specialists: RMT Slating Ltd, Jonathon Wignall
 Stone used: 1) Burlington screen weathered blue-grey random stone walling
 2) Lavastone
 Stone supplier: 1) Burlington Stone
 2) Kirkstone

This is a really well considered piece of new domestic architecture. It makes the best of a deep ravine setting looking out over a stunning hillside view. The house neither defers to the site nor tries to command it – it occupies the space in a contemporary and perceptive way.

“ The building has a lovely feel in the landscape and the stone has been well chosen to make the best of the natural setting. ”

The building has a lovely feel in the landscape and the stone has been well chosen to make the best of the natural setting. It is the craftsmanship of the Burlington rubble wall that recurrently catches the eye. Flat, curved and screen walls make up the house and garden enclosure, so one is reminded again and again of the



interconnectedness of the elements. Stone is rough laid and ashlar well done and well detailed. All put together with care and wit.

It shows an excellent fit with the site and demonstrates the value of stone in a modern idiom. Craftsmanship in stone selection, setting out, laying and finishing is excellent.

This project shows how a good architect working with a local stone quarry and good sub-contractor can make an effective and positive building.

Highly Commended: The Mount, Private Residence, Shropshire

Client : Martin Capp
 Architect : James Wade, Robert Myers Associates
 Builder / Main Contractor : KSG Masonry Ltd
 Principal Stone Contractor: KSG Masonry Ltd
 Stone used: Peakmoor
 Stone supplier: Realstone Ltd

This is a privately-owned residential development using Peakmoor sandstone in a cladding format. It is situated in late 18th century parkland and includes the remains of a walled garden.

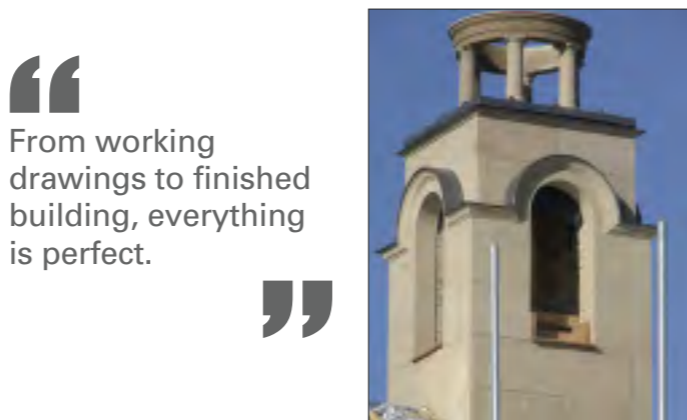
The stonework for this new Georgian mansion is the best quality that the two visiting Judges have ever seen on a building of this nature.

The joints are consistent throughout; the craftsmanship is perfect; the detailing is of such high quality that the building will present itself in a perfect state for several hundred

years hence.

This mansion shows exactly what high standards can be achieved in the 21st Century with a demanding client who understands the materials he has chosen and their limitations, and who is able to work well with an experienced architect and an outstanding contractor.

From working drawings to finished building, everything is perfect.



“From working drawings to finished building, everything is perfect.”



Highly Commended: New Bespoke Residential Property, Surrey

Client : Orchard Gate Residential Developments
 Architect : Nigel Hefferman, Nigel Hefferman Designs Ltd
 Builder / Main Contractor : R Durtnell & Sons
 Principal Stone Contractor: Meister Masonry Ltd
 Stone used: 1) Hartham Park Bath Stone
 2) Massangis Beige Clair
 Stone supplier: 1) Hanson Bath & Portland Stone
 2) Rocamat Pierre Naturelle

Orchard Gate is a bespoke residential property generally employing traditional construction techniques. Two types of stone were selected: Hartham Park Bath stone for its colour and appearance; Massangis Beige Clair for its colour and longevity. The Massangis was used on the more exposed locations.

The Massangis plinth and basement walls sit below a Hartham Park Ashlar façade with intricate carved detailing above prominent windows. The

Colonnade consists of 32 Tuscan columns supporting a Hartham Park-faced precast concrete soffit and entablature.

This property is aesthetically pleasing, showing good understanding of classical design and keeping all the architectural elements well proportioned.

The design is complemented by the high standard of craftsmanship achieved with all the stonework



fitting seamlessly together from the columns to the cornice and all finished to a consistently high standard.



Highly Commended: Water Pavilion, Kilmarth, Cornwall

Client : George & Christianne Lim
 Architect : Craig Hamilton, Craig Hamilton Architects Ltd
 Builder / Main Contractor : Davey Building Services
 Principal Stone Contractor: Davey Building Services
 Other Stone Specialist: RST
 Stone used: 1) Chinese Granite
 2) Reclaimed Delabole Slate
 3) Yennadon Stone
 Stone supplier: 1) Xiamen Dayi Stone
 2) RST
 3) Yennadon Stone Ltd

Mrs Lim has spent the past 16 years creating a new garden of exceptional quality. The new pavilion is the latest addition.

The garden uses numerous local stones in many different ways and with good craftsmanship.

The pavilion is well designed and detailed using local stone for the walls and roof. The Chinese granite

columns and window surrounds have an unusual significance in that Mrs Lim's husband is Chinese and these stone elements came from his home town in China.

This is an imaginative and pleasurable project, where a drive for long-term quality is much in evidence.



Commended: Westfield Folkhouse, Mansfield, Nottinghamshire

Client : Nottingham County Council
 Architect : Adrian Hollis, Lewis & Hickey
 Builder / Main Contractor : G F Tomlinson Group Ltd
 Principal Stone Contractor: Bonsers (Nottingham) Ltd
 Stone used: Stanton Moor
 Stone supplier: Stancliffe Stone

Westfield Folkhouse is a Grade II Listed building in Mansfield, Nottinghamshire. In 2009 it was decided to spend £6.5million to transform the building to provide a youth facility.

The scheme includes a new, 1,000m² extension on two floors, which

replaced a 1960s addition to the original building.

The Listed building of Mansfield White stone, which the Stanton Moor of the extension matches, was repaired and restored. New hard landscaping included a boundary wall in Stanton Moor. Throughout, the Stanton Moor is bedded on a CPI Euromix of coloured sand, cement and lime.

Stanton Moor is quarried near Matlock in Derbyshire, which is local to the Mansfield site.

The landscape is a good concept, with sitting areas to stimulate the five senses. The whole project is superb. The fine joints enhance the masonry and it is marvellous that a building like this should use so much stone on its principal elevations.

The Heritage Lottery Fund and English Heritage have done a good job here.



Award: Quadrangle, East Elevation, Buckingham Palace

Client : Royal Household Property Section
Architect : Susan McDonough, Martin Ashley Architects
Builder / Main Contractor : Cathedral Works Organisation (Chichester) Ltd
Principal Stone Contractor: Cathedral Works Organisation (Chichester) Ltd
Stone used: Caen Stone
Stone supplier: Anglo European Stone

The East Elevation was constructed in the 1840s and is the only elevation to use Caen limestone, earlier work having used a mixture of Bath and Portland limestones. Soon after the Caen stone was installed it was painted, possibly in an attempt to make it match the other elevations. It had remained painted ever since and one of the first jobs was to remove the paint.

“The entire face of the Quadrangle posed a myriad conservation issues and this project shows an exemplary approach to all of them.”

Cleaning trials were undertaken and a paint removal system was chosen to remove the 17 layers of oil-based paint that covered the entire elevation. The stonework could then be surveyed and the replacement work necessary scheduled.

Although the mutules were in



essentially good condition, a number of individual guttae were missing, losing the overall architectural sense.

The design team's preferred course of action was to make these tiny stones separately and attach them to the mutule block. In that way the majority of the original stone could be preserved. They were made on a small lathe to incorporate a finely joggled peg to be fitted into carefully drilled holes in the stone and fixed using dabs of resin.

The finish required by the design team on replacement stone was to

match existing neighbouring stones. Much of the moulded work has a fine rubbed finish, while the plain ashlar has a relatively coarse French dragged finish, often lapping over the joints from stone to stone, as was the style in the 19th century.

The photographs of the progress of the work illustrate some of the many challenges the team faced during its contract period. It was clear that the entire face of the Quadrangle posed a myriad conservation issues and this project showed an exemplary approach to all of them. This is an impressive project.

The extensive records held by the palace show just what a transformation has been afforded by this exemplary programme of conservation. Severe weathering, loss of details and coats of flaking lead-based oil paintwork were some of the challenges posed.

The centrepiece of the elevation is the salvaged end gable to the South range which had been originally removed to allow the building of the East range. This included the fine tympanum sculpture of the 'Nine Muses' made from Roche Abbey magnesian limestone.

Highly Commended: Dunderave Castle, Argyll

Client : Dr & Mrs S Joffe
Builder / Main Contractor : Beech Restoration Ltd

On a secluded, dramatic and defensive shoreline promontory, Dunderave Castle enjoys spectacular views the length of Loch Fyne. Initially, this L-planned, late 16th century tower house was rescued and restored from a ruinous state in 1911-12 by Robert Lorimer, the renowned Scottish architect. But little or no meaningful maintenance was subsequently carried out until the early 1990s.

At one stage an epoxy polyurethane coating was applied in an attempt to stop the ingress of water, although it seemed to worsen the damp problem by preventing condensation from escaping. Freezing temperatures crazed the coating and moss and algae grew in the cracks.

So the first job was to remove the

coating and allow the walls to 'breathe'. An abrasive system was used to remove the coating and as soon as it had gone the joints turned dark and moisture began visibly trickling out (see the photograph bottom right).

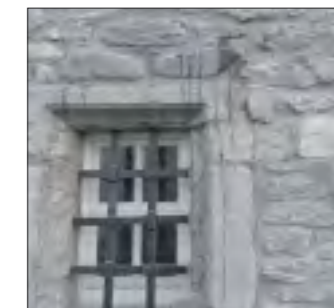
All cracked or loose pointing, all fillets to the roof areas (cracked or not), any stones in the facade that were damaged and any damaged roof slabs were carefully removed. Replacement stone needed was recovered from obsolete walls in a copse on the land. HL 3.5 hydraulic lime mortar was used for repointing.

The finished building has retained the character of both the original medieval masonry and the Arts & Crafts inspired additions. In no small part this is due to the combined



commitment and dedication of perceptive owners, the project's professional team and the skills of the workforce.

There is a sympathetic quality of work undertaken through an understanding of traditional building technologies.



Highly Commended: St Nicholas, Peper Harow, Surrey – restoration after major fire damage

Client : Parochial Church Council of St Nicholas, Peper Harow
Architect : Jane Kennedy & Mark Wiese, Purcell
Builder / Main Contractor : Valley Builders Ltd
Principal Stone Contractor: Universal Stone Ltd
Other Stone Contractor: Nimbus Conservation

- Stone used:
- 1) Barrington Clunch
 - 2) Bath Stone
 - 3) Duncton Chalk
 - 4) Fittleworth Stone
 - 5) Kentish Ragstone
 - 6) Portland Whitbed
 - 7) Purbeck Limestone
 - 8) Bardiglio Imperiale Marble
 - 9) York Stone

- Stone supplier:
- 1) E Bowman & Sons Ltd
 - 2) The Bath Stone Group
 - 3) Woodkirk Stone Sales Ltd
 - 4) Traditional Stone Ltd
 - 5) Gallagher Aggregates Ltd
 - 6) Portland Stone Firms Ltd
 - 7) H F Bonfield & Son
 - 8) A Bernacca & C srl
 - 9) Moonraker Masonry



This 11th century church that was remodelled by Pugin in the 1840s was severely damaged by fire on Christmas Eve 2007. Apart from the obvious replacements and repairs in the restoration, little features such as the recessed handrails of the bell staircases are understated while hiding the tremendous amount of

work required to bring the detail back to life. The internal and external use of stone is appropriate and extremely well executed. The church is a patchwork of repair but the stone is acting as the thread which ties the whole restoration together.

Pugin would have been proud.

Commended: Willimoteswick Castle Farm, Bardon Mill, Northumberland

Client : B A & M A Storrow & Sons
 Architect : Roderick I K Ogilvy
 Builder / Main Contractor : Askins & Little Stonemasonry Ltd
 Principal Stone Contractor: Askins & Little Stonemasonry Ltd
 Stone used: Lingberry sandstone
 Stone supplier: Cumbrian Stone Ltd

Immediately one could tell that the Gatehouse of the Fortified Castle, dating back to the 12th Century, had been beautifully pointed and consolidated. The mortar was well chosen and the tops of the wall were 'soft-capped' with vegetation.

This project displays a modest amount of stone replacement. What there is has been chosen from Lingberry quarry, which is a gritty sandstone more in keeping with the original material than the majority of local buff stones. It has been well worked to fit in with the rest of the building.

The gatehouse had fallen into a dangerous state of disrepair when funds were made available for work to be carried out.

The project involved consolidation of the existing structure, stitching and bolting of early movement cracks and replacement of the collapsed smithy roof to protect the bellows.

A large part of the east parapet had to be dismantled to replace broken or missing corbel stones, then rebuilt

This is a well executed, neatly finished project.



Commended: Holy Trinity Church, Banbridge, Co Down

Client : Select Vestry of Holy Trinity Church
 Architect : John Savage, Consarc Design Group
 Builder / Main Contractor : Hugh J O'Boyle Ltd
 Principal Stone Contractor: S McConnell & Sons Ltd
 Stone used: Peak Moor
 Stone supplier: Realstone Ltd

The church spire and upper part of the supporting tower forms the basis of this submission. The entire spire masonry had suffered from severe deterioration and, being only one stone thick with courses tapering from 200mm to 150mm thick towards the apex, the decay processes had made the structure so dangerous that a temporary protective canopy had to be built to shield church users from falling masonry.

In addition, the spire had been bent significantly out of plumb by uneven rust expansion of constraining steel rings set into the stonework.

The entire spire was carefully taken down, course-by-course, with each stone numbered and assessed for potential reuse, replacement or indent repair. A third of the stones were replaced and the spire was rebuilt using lime mortar. Laser alignment controls were put in place to ensure its vertical profile and, to control the facet inclinations, a vertical profiled template was used to achieve consistent alignments. The rusted rings were replaced with stainless steel and a new apex cross-tree was added and tensioned to a stainless steel cap to compress the slender upper spire section.



Although additional work was limited by the available budget, a number of indents replaced a few seriously decayed window jambs and cills and the upper section of the supporting

tower was also repointed.

This challenging project has been carried out with considerable diligence, skill and foresight.

Commended: Christ Church College – Deanery & Treasury, St Aldgate, Oxford

Client : Christ Church
 Architect : Joyce Christie, Purcell
 Builder / Main Contractor : Beard Oxford
 Principal Stone Contractor: Wells Cathedral Stonemasons Ltd
 Stone used: Hartham Park Ground Bath stone
 Stone supplier: Hanson Bath & Portland Stone

This is a restoration of a 1525 building on the eastern range of Tom Quad. It was built of Headington stone, much of which had eroded back and suffered from heavy sulphate encrustations.

The elevation was steam cleaned then washed with nebulous water sprays. The stone was then surveyed. The main problem was extensive spalling that had been exacerbated by previous repairs in Roman cement, which were removed.

A stone policy was approved and selected stones were replaced, including a number of mouldings and,

particularly, ashlar stones. Hartham Park Bath limestone was used for replacement, which is compatible in hardness and colour with the original.

An archaeologist was involved and elements such as the old junction with the St Frideswide building was kept in a similar state as previously.

The joints are all tight and as no tooling marks were found on the original, there are none on the new, either. The work was carried out with slightly eroded stones being left. The lines are good and straight and the job has been carried out as this kind of work should be done.



Commended: Church House & Fisherwick Buildings, Church House, Belfast

Client : Presbyterian Church in Ireland
 Architect : Alastair Coey, Alastair Coey Architects Ltd
 Builder / Main Contractor : Hugh J O'Boyle Ltd
 Principal Stone Contractor: Trademark Masons
 Stone used: 1) Dukes sandstone
 2) Peak Moor
 Stone supplier: 1&2) Realstone Ltd

The approach adopted involved a triple on-site stone-by-stone assessment. Each stone was consistently measured against four levels of decay severity, with level four being categorised as 'structurally distressed'.

Although the original stone source is no longer available, research was carried out to identify the most suitable alternative for the indents based on aesthetic appearance, function, weathering characteristic and durability. Particular care was

given to matching the finish of the original rock-faced and tooled stones.

The project is a textbook example of how to carry out a major and challenging masonry conservation scheme. There is little obvious visual sign in the finished project of the scale and scope of the substantial degree of intervention and the building has emerged in a safe and secure condition that will help ensure its future wellbeing for some considerable time.



**Award: Williamstrip Park Bath House,
Coln St Aldwyn, Gloucestershire**

Client : Creath Estates
 Architect : Craig Hamilton, Craig Hamilton Architects Ltd
 Builder / Main Contractor : Meysey Construction Ltd
 Principal Stone Contractor: Ketton Stone Masonry & Fixings Ltd
 Stone used:
 1) Kilkenny Limestone
 2) Portland limestone
 3) Statuary Marble, Calacatta Van Gough, Fior di Pesco
 4) Moleanus limestone
 5) Connemara marble
 Stone supplier:
 1) McKeon Stone Ltd
 2) Portland Stone Firms Ltd
 3) V Fontanilli
 4) Eiregramico
 5) Antolini Luigi

The Award for interiors is split into two projects carried out by the same architect but with different contractors, although in both cases producing exquisite work.

Part of the Award is for a new-build indoor pool complex within the grounds of this 18th century historic house. The new building is designed as a Classical temple with an interior inspired by Pompei and Herculeum and by later interpretations of this world, such as M G Bindsboll's Thorvaldsen Museum in Copenhagen.

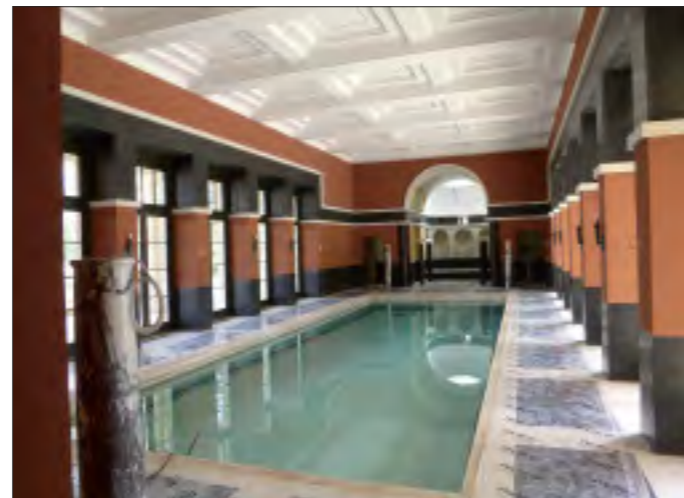
The interior employs a range of natural stone. The floors and pool linings are a combination of Moleanus limestone and Kilkenny limestone.

The Kilkenny stone is also used for the continuous dado in the pool hall and for lighting columns and structural columns. Italian marbles are used for details such as the Carrara marble fountain bowls, while Calacatta Van Gough and Fior di Pesco marble is used for the tympanum linings. Connemara marble from Ireland has been used for the linings of the two showers.

This pavilion is just far enough from

the main house to stamp its independence on the whole and is a wonderful example of allowing a good architect to show his skill and verve. The building is substantial but close up it has a refined and intelligent appearance that makes the most of its setting and orientation.

The pool house has a simple brief



with various changing rooms, sauna and gym off the main space but it is the sheer variety, colour and quality of the stone used that is memorable.



**Award: Williamstrip Park Extension,
Coln St Aldwyn, Gloucestershire**

Client : Creath Estates
 Architect : Craig Hamilton, Craig Hamilton Architects Ltd
 Builder / Main Contractor : Symm & Co
 Principal Stone Contractor: APS Masonry
 Other Stone Contractor: Ketton Stone Masonry & Fixings Ltd
 Stone used:
 1) Hartham Park Bath Stone
 2) Kilkenny limestone
 3) Carrara Statuary marble
 4) Portland limestone
 Stone supplier:
 1) Hanson Bath & Portland Stone
 2) McKeon Stone Ltd
 3) V Fontanilli
 4) Stone Age Ltd

The second part of the Award is for an extension to the main house, which is a handsome, unprepossessing villa in a large estate setting. It replaces bad-mannered modifications made in the mid-20th century that had left a difficult layout and appearance. The present owners wished to return to

the original theme of the building.

The work has been carried out in traditional load-bearing masonry, giving the details authority and fit with the original architecture. But the new work is neither a copy of, nor subservient to the original. Instead it

has a wonderful elegance and wit, matched by an impeccable selection

of stone and craftsmanship in construction.



The new double height internal hall in the new extension is entered from a Doric Porch. The hall has a magnificently elegant cantilevered Portland stone stair with bronze balusters and a screen of columns with a gallery on the first floor.

The ground floor columns are based on the Bassae order and have statuary marble capitals and bases with shafts of polished Kilkenny limestone fashioned out of single pieces of the stone.

The first floor columns are based on the Corinthian order of the Tower of Winds. They also have statuary capitals and single piece fluted Kilkenny shafts. The floors are Portland limestone with Kilkenny diamond inserts.

The overwhelming sense is of controlled and careful detailing, painstaking selection of stone and expert masonry work.

The architecture is restrained and cerebral but the overall effect is natural and familiar, for which the choice and detailing of the stone takes a considerable credit. Both elements are real gems.

Highly Commended: Staircase at The Red House, Beaconsfield, Buckinghamshire

Client : Stephen Wicks
 Architect : Stephen Funge, Architectural Design Ltd
 Builder / Main Contractor : Holloway Construction
 Principal Stone Contractor: Cathedral Works Organisation (Chichester) Ltd
 Stone used: Rosal limestone
 Stone supplier: Dimpomar

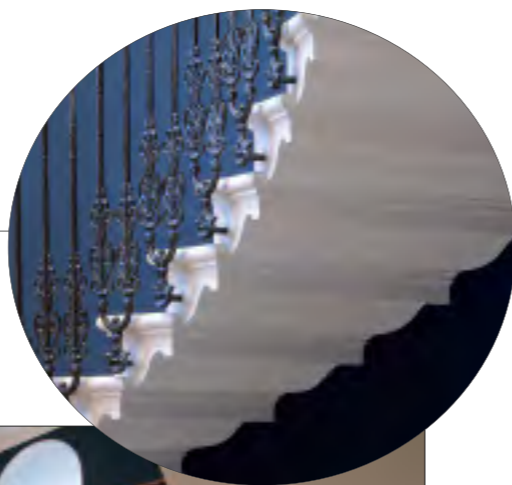
stonework is so perfect that the staircase will be a major talking point for any visitor to Red House.



The owner of the house was the project manager and she clearly bought in the right team for each job. There is so much good stonework, setting out and great craftsmanship producing a wonderful interior. Perfect.

This solid limestone staircase is the most dramatic element of the grand entrance hall of this house.

The design called for outstanding project management and exemplary craftsmanship throughout. This has all been successfully achieved. The



Commended: Staircase, Private Dwelling, North London

Architect : Stephen Wax, Stephen Wax Associates Ltd
 Builder / Main Contractor : Glenside Construction
 Principal Stone Contractor: Cathedral Works Organisation (Chichester) Ltd
 Stone used: Moca Creme Fine Grain
 Stone supplier: Dimpomar

This is a gloriously sculptural piece, elliptical on plan with slight inwardly curved nosings. It is constructed with a steel floating beam hidden within the outer string and the stone steps are cantilevered from this on imbedded steel dowels.

The soffit of the staircase has been well considered and because of its obvious visibility, each step has been fashioned to create an overall effect that looks rather like an ammonite.

It is good to see that inclusions in the stone have not been selected out to

any great degree, so the observer is left in no doubt that this spectacular staircase has been constructed in a natural material.

This staircase appears to have been highly modelled three-dimensionally on a computer before being manufactured and is, therefore, an outstanding example of the successful merger of technology with the craftsmanship of the stonemason.



Commended: St John's Church, Hyde Park, London

Client : St John's Church
 Architect : Richard Molyneux, Molyneux Kerr Architects
 Builder / Main Contractor : Cathedral Works Organisation (Chichester) Ltd
 Principal Stone Contractor: Cathedral Works Organisation (Chichester) Ltd
 Stone used: Purbeck Pond Freestone & Capstone
 Stone supplier: Lovell Purbeck Ltd

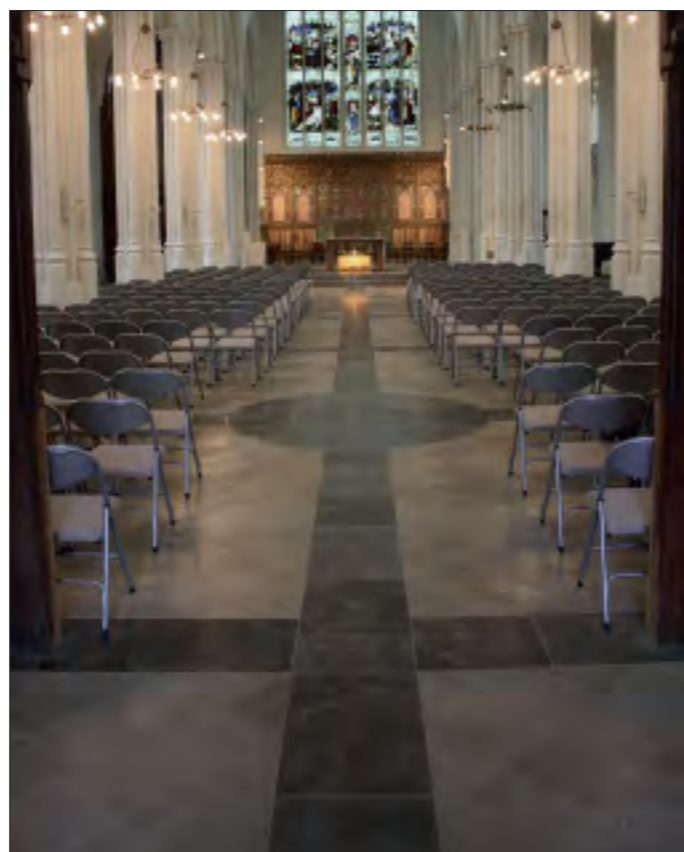
When viewed in its totality, the new Purbeck limestone floor has a quiet dignity which reflects the interior of the Church itself. Understated but with integrity.

The quality of the installation is high and choice of stone inspired. The architect has obviously had to pay careful attention to the symmetrical nature of the build and in this he has been extremely successful.

The altar and the main central pathway along the main aisle form

the centrepiece with everything else mirrored either side of that line. The main body of the church floor has a honed finish but for the altar areas there is a polished finish. The contrast is poignant. You can see the altar and the surrounding stonework reflecting the light off the stained glass window.

This is an extremely appropriate and well executed installation with much attention to details such as the service covers.

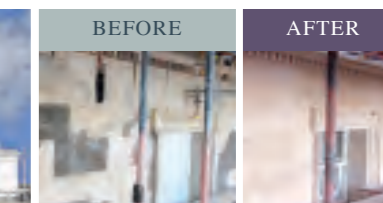


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Martin Ashley Architects congratulate all of those involved with the restoration of Buckingham Palace Quadrangle East Elevation for The Royal Household

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- A Caen stone elevation with significant problems from shortly after it was built
- Removal of seventeen decorative schemes and restoration of the severely damaged stonework
- Outstanding crafts skills in the stonework repairs and re-carving of damaged details



Photographs: Royal Collection Trust ©2012 Her Majesty Queen Elizabeth II

Award: More London, The Queen's Walk, London

Client : More London Estates
 Architect : Robert Townsend, Townsend Landscape Architects
 Builder / Main Contractor : Mace
 Principal Stone Contractor: Skanska
 Other Stone Contractor: Miller Druck
 Stone used: Carlow Irish Blue Limestone
 Stone supplier: Stone Developments Ltd

Carlow Irish Blue limestone has been used throughout this extensive, 10-year project, providing consistency in colour and finish, while different textures have been used to provide variety in both look and feel. This is a particularly good example of the use of natural stone as a unifying factor in this urban streetscape.

This is such an extensive scheme carried out over so long a period, bringing together an area of London on the South Bank of the Thames.

The design is simple, but is all the better for that. And that level of simplicity has been maintained consistently over the extended period of construction.

The stone has been used in small lengths, which is sensible value engineering as well as a question of aesthetics, with the large areas of paving punctuated with sculptures, fountains and rills. The stone is laid to a high standard and is an exemplary use of stone for the purpose.



Highly Commended: Tudor Square, Sheffield, South Yorkshire

Client : Sheffield City Council
 Architect : Zac Tudor, Sheffield City Council
 Builder / Main Contractor : Sheffield City Council
 Principal Stone Contractor: Szerelmey
 Stone used: Crosland Hill Hard Yorkstone
 Stone supplier: Johnsons Wellfield Quarries Ltd

A prime feature of the regeneration scheme is four large, three medium and three small planters known as 'Derbyshire Pebbles'. There were also two sets of Yorkstone steps and two curved walls with glass balustrades inserted with all brass trims and handrails. The 'Pebbles' are made up from anything between 10 and 23 pieces of intricately shaped Crosland Hill Hard Yorkstone weighing upwards of 3.5 tonnes.

This was a complicated job. The architect first made a series of 1/10 size scale models of the 'Pebbles'. The University of Liverpool digitally

produced full-size, 3D designs to allow the stone suppliers to produce them using CNC robots. Pallets were specially engineered with sand bags to stop the stones tipping over in transport. One of the largest forklift trucks in the country, weighing 14 tonnes and 8m long, was used to load eight stones at a time on to an arctic then unload them.

The next challenge was fixing the stones together on site with no straight or flat surfaces of the stones to level or line up with.

The installation is clearly well used, attractive and quirky.



Commended: Exhibition Road, South Kensington, London

Client : Royal Borough of Kensington & Chelsea
 Architect : Jeremy Dixon, Dixon Jones
 Builder / Main Contractor : Balfour Beatty Civil Engineering
 Principal Stone Contractor: G U Contracts Ltd
 Stone used: 1) G684 Chinese Granite
 2) G663 Chinese Granite
 3) G654 Chinese Granite
 Stone supplier: 1,2&3) Marshalls Natural Stone

Exhibition Road has been finished in bush-hammered black (G684) and pink (G663) granite setts laid diagonally to the general north/south road alignment. The repeated, bold diamond motif runs the entire length and width of the project and creates a distinctive visual identity to the street.

The west side of Thurloe Street is a designated footway finished in York stone paving, while the remaining footway and carriageway areas are

paved with mid-grey G654. Areas are defined by the different stones rather than different levels.

In both Exhibition Road and Thurloe Street the existing carriageway and footway construction was removed and replaced with a new fibre reinforced concrete road slab with natural stone paving bonded to it with a mortar bedding and jointing system.

It was completed with sustainability and ethical sourcing and has been



presented with a CEEQUAL 'Excellent' Award with a score of 78%.

This is an excellent streetscape that owes everything to the stone used. There are no kerbs, street signs or other obstacles to access or progress. It is an interesting solution to the requirements of the area.



Commended: Elizabeth Street Public Realm, Belgravia, London

Client : Westminster City Council
 Architect : Nick Edwards, BDP
 Builder / Main Contractor : Skanska
 Principal Stone Contractor: Skanska
 Other Stone Contractor: G U Contracts Ltd / Mulleady Civil Engineering Ltd
 Stone used: 1) Scoutmoor York stone
 2) Chinese Granite (Various)
 3) Alta Quartzite
 Stone supplier: 1&2) Marshalls Natural Stone
 3) Stone Developments Ltd

As part of its objective to improve the public realm in its London Estates, Grosvenor appointed BDP and MVA to prepare public realm guidance for Mayfair and Belgravia. From this guidance the Elizabeth Street project was developed.

A palette of high quality and robust materials has been used to form a seamless floorscape that complements the scale and nature of

Elizabeth Street and its buildings. Careful consideration has been given to ensuring that the different materials used within Elizabeth Street has been kept to a manageable minimum and that those used are sympathetic to the street's historic nature. This has helped to enrich the character of Elizabeth Street and create an underlying sense of order and harmony. It has also helped to



simplify long-term management and maintenance.

The resulting streetscape is traditional in nature with the ironmongery well integrated into the

design. Details are good and the various stones are well laid. The workmanship is to a high standard and gives a pleasant, sympathetic feel to the area.

Award: Restoration of the South Quire Buttress, Turret & Spirelet on the East Front of York Minster

Client : Dean & Chapter of York
 Architect : Andrew Arrol, Arrol & Snell Ltd
 Builder / Main Contractor : York Minster Works Department
 Principal Stone Contractor: York Minster Works Department
 Stone used: Highmoor Magnesian limestone
 Stone supplier: Tadcaster Building Limestone

The work to the southern buttress of the East Face of the Minster, next to the Great East Window, was completed earlier this year and is an exemplary piece of work mixing stone replacement with conservation.

“ This is an outstanding project that illustrates a huge amount of talented stonemasonry craftsmanship by York Minster stonemasons.



A large amount of research was carried out before the work was started on the buttress, which has a spiral staircase within it and an octagonal spirelet on top. The spirelet has a parapet around it

with crocheted pinnacles that have a gargoyle at the bottom of each of them, all of which have been replaced.

The theme of the gargoyles is illness, and each mason was given a free hand to interpret the particular illness, carrying out his own research and interpreting in a medieval way, but showing contemporary features, which has been highly successful. It is obvious from the results that the masons greatly enjoyed carrying out this work.

This is an outstanding project that illustrates a huge amount of talented stonemasonry craftsmanship by York Minster Stone Masons, especially in carving. But not only in the carving. The structural stonework is also exemplary and demonstrates exceptional skill on the banker and

care in construction.

As one would expect, the conservation records and processes were well organised under the architect, Andrew Arrol, and the decisions made regarding what should be replaced and what should be left appear to have been well judged.

The main part of the buttress was rebuilt from the second stage down to the top and was pieced in below that. The work has been carried out carefully with the flat ashlars and quoins tooled and string courses left smooth for faster run off of rainwater.

The work, which involved replacing some large stones, has been carried out with accurate jointing and careful replacement on a like for like basis. Altogether an exemplary project.





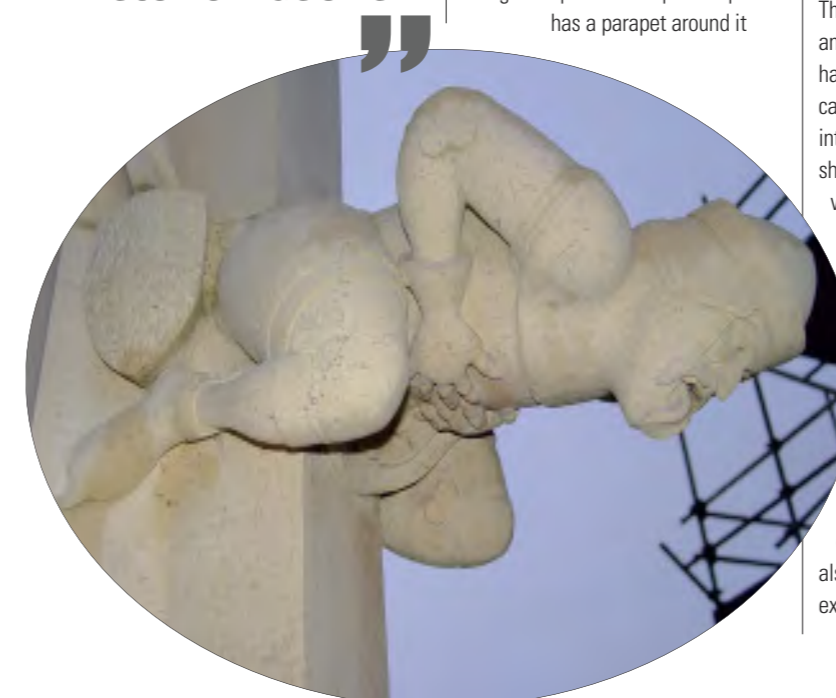

Historic & contemporary masonry

Meister Masonry would like to thank Durnell & Sons for the opportunity to work together on this project. Their ethos of openness and encouragement allowed the Meister Team to perform at their best. Nigel Hefferman of Nigel Hefferman Designs provided the inspiration which resulted in the exceptional quality of this building.

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Highly Commended: Replacement of WWI Memorial, Prestbury, Gloucestershire

Client : Prestbury Parish Council
 Architect : J Carter-Coates
 Builder / Main Contractor : Meister Masonry Ltd
 Principal Stone Contractor: Meister Masonry Ltd
 Stone used: Box Ground Bath stone
 Stone supplier: Hanson Bath & Portland Stone

Following an attack by vandals, the architect was able, using original sketches and photographs, to reconstruct the memorial to its original scale. The mason was also instrumental in the three-dimensional recording of the existing pieces using plaster casts made from rubber moulds taken from the original stonework as templates.

The carvings are crisp and well finished, skillfully married to the retained stone it was possible to salvage.

There has been no attempt to hide the restoration work and in a strange way

the patchwork effect sends a signal to the vandals that the community will not be so easily deprived of its meaningful memorial.

There has been no compromise of the slenderness of this memorial, which is an integral part of its beauty.

The jointing and finishing of the new stone is extremely well executed.



Commended: The Apple Tree, Hereford Cathedral

Client : Dean & Chapter of Hereford Cathedral
 Architect : Robert Myers, Robert Myers Associates
 Builder / Main Contractor : C J Bayliss (Hereford) Ltd
 Principal Stone Contractor: Forest of Dean Stone Firms Ltd
 Stone used: 1) Royal Forest Pennant sandstone
 2) Hereford Red
 3) Hereford Red Wilderness
 4) Crosland Hill York stone
 5) Kirkstone Slate
 Stone supplier: 1) Forest of Dean Stone Firms Ltd
 2) Black Mountain Quarries
 3) Wilderness Stone Ltd
 4) Johnsons Wellfield Quarries Ltd
 5) Kirkstone Quarries Ltd

The complex, six-sided Apple Tree mosaic at the West Front entrance of Hereford Cathedral is created from about 100 individual pieces of stone. Dripping with religious significance, it was designed by Sandy Elliott, an ex-art teacher and now Canon of Hereford Cathedral.

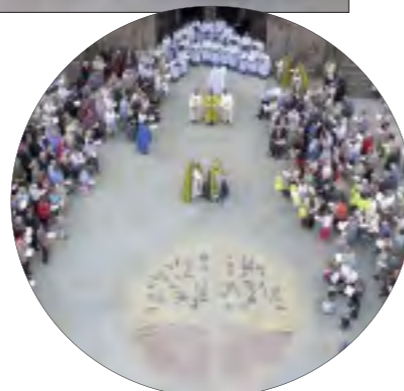
The Forest pennant masonry team spent 500 man-hours creating and finishing the irregular composite panels that form this exquisitely conceived and executed 75mm thick giant stone jigsaw puzzle.

An innovative scheme that has been



well thought out and executed at all levels using carefully chosen stone to meet all the requirements needed for colour and durability.

For a project of this type to be successful, it needs to be a complete team effort, which it so obviously was. The masons carried out their task diligently showing discipline and pride in their craft producing a pleasing piece with a practicality fit for purpose.



Highly Commended: Bourne Hill Offices, Salisbury, Wiltshire

Client : Wiltshire Council
 Architect : Stephen Hadley, Stanton Williams
 Builder / Main Contractor : Morgan Sindall
 Principal Stone Contractor: Szerelmey
 Stone used: Portland Bowers Roach limestone
 Stone supplier: Albion Stone PLC

This project consists of the refurbishment of a large 18th century house with a substantial new office building at the rear.

The project has been designed with great skill, an element of which is passive cooling that requires solar shading for the glass facades. This is provided by large, vertical Portland limestone-clad steel fins that form a colonnade around the building.

The fins are designed to accept up to 60mm movement at the top, which was a challenge that the stone detailing has overcome.

This is an excellent scheme overall that makes an imaginative use of stone.



Award: Kendal College, Cumbria

Client : Kendal College
 Architect : Sue Chadwick, Taylor Young
 Builder / Main Contractor : ISG
 Stone used: 1) Kirkby
 2) Bursting Stone
 Stone supplier: 1&2) Burlington Stone

Architecturally, this twisted and rotated cube creating a 140-seat multipurpose space posed many challenges for fixing the thin stone cladding in local Burlington stones, which have been finished randomly polished or honed to create contrast.

Each of the numerous thin pieces of stone is individually bonded to a honeycomb aluminium backing, which, in turn, is fixed to aluminium bearers bolt-secured through a waterproofing membrane to the underlying structure.

Of variable width and length, the individual stones do not always sit easily on the complex twisted

geometry, and corner junctions have been difficult to detail, so the edge of the honeycomb backing becomes visually evident.

This is an innovative use of local materials in a project that has given life and a renewed purpose to what would otherwise be a relatively redundant parcel of land. It also sits comfortably within a conservation area.



Photos: © Taylor Young



Award: Green Park Underground Station with integral Sea Strata artwork, Piccadilly, London

Client : TFL London Underground
 Architect : Neill Grieve, Capita Symonds
 Builder / Main Contractor : Tube Lines
 Principal Stone Contractor: Szerelmey
 Artist: John Maine
 Stone used: 1) Portland limestone
 2) Granites
 Stone supplier: 1) Albion Stone PLC
 2) Fyfe Glenrock

This is an interesting use of sculptural and decorative elements in stone in order to unify disparate elements of the area. It is one of a series of permanent art projects by Art on the Underground.

John Maine's work is grounded in nature, reflecting the location between the urban character of Piccadilly and the more rural Green Park beyond. It also reflects the stratas in the quarries from which the stone came and, in the turbulent swirls on the granite paving, both the ancient sea in which the sediments that would become the Portland limestone were laid down 150million years ago, and an 18th century reservoir that once occupied this space in London.

In the walls, John Maine, who is best

known for making large, outdoor sculptures, wanted to reflect the beds of stone in the quarry and has included contrasting layers of Portland beds (Jordans Basebed, Whitbed and Roach, Fancy Beach Whitbed, Grove Whitbed). He has carved into the smooth surfaces his interpretation of the fossils that appear in the shelly layers in a celebration of the nature of the stone.

Rounded corners to the buildings add to the feeling of the solidity of the stone in the quarry while the wall copings in Portland stone, the drip courses and the skirting of the building in Kemnay granite from Scotland establish horizontals that reveal the stone as more than a laminate.

This is a splendid example of integrating art within a structure.



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Award winners

2012 NATURAL STONE SUSTAINABILITY AWARDS

Judges' summary

Given the emerging awareness of just how significant and important the sustainability agenda has become across the entire construction industry, the Stone Federation decided last year to create a separate Awards scheme to recognise moves towards greater sustainability by the stone industry. Below are the Judges' comments about this year's entries in the Sustainability Awards.

“ As part of Stone Federation's on-going sustainability programme, the objective of the Sustainability Awards is to illustrate the sustainable qualities of natural stone and to recognise outstanding achievement, awareness and innovation in sustainability among Federation members.

The range of relevant and different projects in the current round of submissions readily reveals how the impact of sustainability understanding is also developing across the breadth of the stone industry. Recognised and celebrated through the Sustainability Awards scheme, the increasing influence created by the sensitive and sustainable working, choice, and use of stone is to be saluted.

In assessing the submissions, the judges were looking for an awareness and sensitivity of approach and a range of innovative impacts resulting from how the different projects had been conceived, developed and executed. What the submissions needed to demonstrate was a commitment to achieving sustainable solutions over as broad a perspective as possible. Just how versatile the stone industry is in recognising that potential is well revealed by the quality of previous and current submissions – and how well they supported these diverse challenges.

Using stone in an economic manner was historically, and still is, an important consideration. To achieve this in a fully sustainable manner, where the associated benefits are also far reaching, is exemplified by the submitted projects in the present Awards round.

To the 2012 winners, in recognition of their conceptual awareness of how to obtain that much more from an original initiative, and the integrated teamwork that has created their success – congratulations.

Building upon an understanding of original constructional methods and an awareness of functional effectiveness, the underlying pragmatism that has driven the projects illustrates how the right approach, setting and methodology can positively impact on many.

Their creative approach and successful end results readily offer inspiration, vision and models as a stimulus and motivation for others.



There is more information about the Sustainability Award winners in a separate publication, *Natural Stone Sustainability Awards 2012 – The Winners*, in your Awards Pack at the Awards Ceremony.

Re-use of materials

Name of project: La Moinerie Hotel
Location: Sark, Channel Islands
Architect: Lovell Ozanne
Main contractor: Empire Builders Ltd
Stone contractor: Granite Le Pelley Ltd

The project

La Moinerie Hotel was established in Sark many years ago utilising old granite farm buildings built in the 18th Century. The hotel had been struggling due to years of under investment and was surrounded by a number of derelict old farm out-buildings. The tenement, which included the hotel, was purchased in 2008 and the new owners wished to sensitively refurbish and renew the hotel whilst increasing the number of bedrooms.

Work commenced at the end of 2009 using a local Sark building contractor, after receiving planning consent.

“ This entry stands out for the breadth of the impact it is helping to create. ”



La Moinerie Hotel on Sark.

PV cells on the roofs at Lovell Purbeck.



Workshop/Premises

Name of project: Solar cell power for Bowdens Quarry and Downs Quarry
Quarry owner: Lovell Purbeck Ltd

The project

In the past year Lovell Purbeck has invested heavily in generating its own electricity at both of its quarries and its processing facilities.

The new tile processing factory at Downs Quarry, Purbeck, was commissioned last year and has had a photo voltaic (PV) electricity generation system installed on to the roof. This has a capacity of 50KWp (the 'p' stands for potential). That equates to 20% of the total electricity requirements for the processing facility. At weekends and on sunny evenings when not processing stone, surplus electricity is fed back into the National Grid.

In the two months after it was commissioned in November 2011, the plant generated more than 2,500KWh of

electricity, which is not bad for two of the darkest months of the year.

A similar system has also been installed at Lovell Purbeck's other site, Bowdens Quarry in Somerset, although the system is slightly smaller at 47KWp. When it is sunny it produces enough electricity to run all the processing plant, making the site self-sufficient in electricity. After its commission in the middle of December 2011, it generated more than 1,500KWh of electricity, 1,000KWh of which was fed back into the National Grid as surplus.

The two PV schemes together cost more than £230,000 but Lovell Purbeck expects the payback period to be less than 10 years.

Apart from helping to reduce costs, one of the main benefits is that it reduces the company's carbon footprint. A project for this year was to assess just what the carbon footprint is per tonne of extracted stone.

“ More companies should adopt this sort of thinking. ”

Landscape

Name of project: Nelson Town Centre Public Realm Improvements

Architect/Designer: Pendle Borough Council
Main contractor: JR Moran
Stone contractor: Hardscape Products
Stone used: Naylor Hill Yorkstone
Stone supplier: Woodkirk Stone

The project

Nelson is Pendle's largest town and

“ The project offers the real prospect of creating a long lasting, sustainable future for the central area of the town. ”

administrative hub, although 50 years of decline have left it with deep-seated complex economic problems.

Pendle Borough Council (PBC) was granted £2.3million funding to recreate the High Street in Nelson Town Centre. The funding has enabled the Council to reintroduce slow moving traffic to a previously pedestrianised precinct in the town centre. The Northwest Regional Development Agency (NWDA) contributed £1.34million and the European Regional Development Fund (ERDF) contributed £984,500.

The success of this scheme is due in no small measure to the considerable, appropriate and sensitive use of sustainable, indigenous stone.



Nelson Town Centre.



The Merchant Hotel, New Build, Award Winner

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