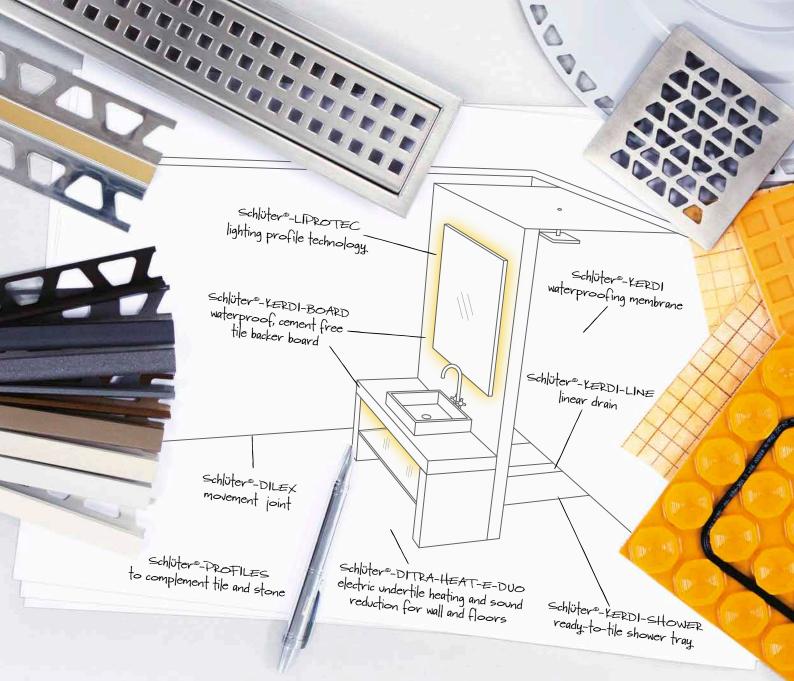


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List of winners

New Build Modern Style Stone Cladding – Sponsored by Sandberg

4 – Contour House Award Winner

- 5 Adare Manor, Co. Limerick Highly Commended
- 6 8 Finsbury Circus, London Highly Commended
- 6 Private House, Glasgow Commended

Landscaping

- 31 Eton School Yard, Windsor Award Winner
- 32 Luas Cross City, Dublin City Award Winner
- 34 The Piece Hall, Halifax Award Winner
- 36 Hull Public Realm Highly Commended
- 36 Wilkins Terrace, London Commended



- 7 St. Comghan's Chapel, Oban Award Winner
- 8 Logie Point, Jersey Highly Commended
- 9 New Country House, North Yorkshire Highly Commended
- 10 Holy Trinity Church, Stratford-upon-Avon Highly Commended
- 11 Lakeland Farmhouse, Cumbria Commended
- 11 Sydenhurst Manor House, Surrey Commended

Repair & Restoration – Sponsored by Historic England

- 12 Inverness Townhouse Phases 1 & 2 Award Winner
- 14 Palace of Westminster Award Winner
- 16 St. Edmund or St. James Church, Blunham Highly Commended
- 16 Kirkmichael, Black Isle Highly Commended
- 17 St George, Ivychurch, Kent Commended
- **18** All Saints Church, Clifton **Commended**

Craftsmanship - Sponsored by BRE

37 – Williamstrip Chapel **Award Winner**

38 – Goldhammer Sepulchre, London Highly Commended

Carving, Lettering & Sculpture

39 – York Minster Revealed Highly Commended
39 – Palace of Westminster Commended

Sustainability

40 – Contour House Award Winner



Repair & Restoration Interiors – Sponsored by Historic England

- 20 Private Residence, Cambridgeshire Highly Commended
- 20 Weston Library, Oxford Highly Commended
- 21 Mount Stewart House, Co. Down Commended

Interiors — Sponsored by The Society of British & International Design

- 23 Clarges Mayfair, London Award Winner
- 24 Adare Manor, Co. Limerick Highly Commended
- 24 Harrods Fine Watches, London Highly Commended
- 26 Four Seasons Hotel, London Highly Commended
- 26 Nazrin Shah Theatre Centre, Worcester Highly Commended
- 28 Logie Point, Jersey Commended
- 28 Regent's Park, London Commended
- 29 Post-tensioned Staircase, Keston Commended

The Natural Stone Awards 2018 are presented by Stone Federation Great Britain Channel Business Centre Ingles Manor Castle Hill Avenue Folkestone Kent CT20 2RD Tel: 01303 856123 enquiries@stonefed.org.uk www.stonefed.org.uk 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 guarenteed. Always see samples of stone before specifiying or buying,

Reconstruction

- 42 Temple of Mithras, London Award Winner
- 44 V&A Aston Webb Screen Commended
- 44 Weston Library, Oxford Commended

Special Cathedrals (Fellowship) Award – Sponsored by The Worshipful of Company of Masons

- 47 York Minster Revealed Award Winner
- 48 Canterbury Cathedral Award Winner





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An introduction

The Natural Stone Awards are always a fantastic opportunity to celebrate the very best that the natural stone sector has to offer, and this year is no exception.

We received a record number of entries across the categories, confirming once again that natural stone is not just a material with an impressive history but an exciting future.

The entries came from all parts of Great Britain and showcased excellent use of natural stone across the different sectors of the industry.

There were many examples of clients who had embraced and benefitted from both the unique aesthetic and durable end result that natural stone provides.

The Judges, a mix of architects and all experts within their field, were pleased to see that, in most entries, alongside

an innovative design approach and creative use of the material was a good demonstration of the fundamentals of best practice

As a result of the increased number and variety of entries, this year has seen the addition of several new categories to allow a 'like-for-like' approach to the judging process. These new categories are Repair & Restoration Interiors, Reconstruction and Cathedrals Fellowship.

The amount of projects featuring a mixture of traditional stonemasonry and CNC machinery is a good example of the intelligent approach taken by the sector to embracing innovation while maintaining the skills that form the bed-rock of this industry.

The category that has seen the highest increase in entries and winning projects is Interiors. This demonstrates the variety

of 'on-trend' options in both colour and texture that natural stone offers for interior projects and the high quality of work being carried out by companies operating within this space.

There are, unfortunately, still projects where correct stone selection and basic design principles have not been followed resulting in potentially impressive projects missing the mark. This appears to confirm the need for the work that Stone Federation undertakes in working with architects, clients and contractors to help them make best use of the potential that natural stone provides.

I would like to congratulate all those involved with the winning, highly commended and commended entries for their part in the creation of these stunning projects.

Jane Buxey, Chief Executive, **Stone Federation Great Britain**

The judges are



John M. Burton, MBE, DipArch, RIBA, IHBC, AABC(rtd). Chairman of the Judging Panel. John is a senior partner of Purcell. John is a Member of the Churches

Building Council and serves on their Sculpture and Furnishings committee. He represented the RIBA on the Cathedrals Fabric Commission for England. John is an experienced lecturer in the UK and USA, on conservation and restoration of buildings. He is Surveyor Emeritus of Westminster Abbey and Canterbury Cathedral. He has provided conservation advice to the Crown Urban Estate.

John is Past Master of the Worshipful Company of Masons and a Liveryman of the Worshipful Company of Carpenters. He sits on the WCM Craft Committees, having a

special interest in training of masons. He is a member of the Livery Skills Council. John was Vice Chairman of the Georgian Group, and Chaired their Casework panel. Having served on the National Trust Council, John is now on their Eastern Region Advisory Board.

John is Chairman of The Arts Society of North East Essex and President of the Colchester Civic Society.

Advisory Committee and was Chairman of the East Anglia Diocesan Historic Churches Committee for many years. In 2009 he was made an Honorary Lay Canon at Peterborough Cathedral. He is a Liveryman of the Worshipful Company of Masons.

Partnership with Ron Sidell, a practice famous for many of London's major stone-clad buildings.



Julian Limentani, BSc, BArch, is a graduate of Bath University, He started his architectural career with Marshall Sisson Architect and became a

partner in 1979. He is now fully retired from the practice. He was Cathedral Architect at Peterborough Cathedral from 1989 to 2014 and has looked after many churches. Among his other appointments he was Chairman of the Rochester Cathedral Fabric

Paul Gibson, BArch, **RIBA** studied mechanical engineering at London University and continued his studies at 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





Graham Lee BA DipArch,

RIBA, is a former Partner of Sidell Gibson and now a Principal Consultant at Building Research Establishment. With over 25 years' worth of commercial and residential experience, Graham lectures regularly on behalf of the Stone Federation in the areas of selection, specifying, detailing and testing of stone. Passionate about its use, he believes that

good practice rests in the understanding of historic detailing and the evolutionary link between masonry and architecture.



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

having previously been an Associate with Purcell in York. She was the Project Architect



Ingval Maxwell, OBE, DADun, RIBA, FRIAS, CAABC, FSAScot qualified as an architect in 1969 and spent his entire professional career dealing with

the conservation of ancient monuments and historic buildings until retirement in 2008 from his 15-year position of Director, Technical Conservation, Research and Education in Historic Scotland. He is past Chairman of the Scottish for the internal cleaning and conservation of St Paul's Cathedral, a major part of the Tercentenary Project that won the RICS Project of the Year Award in 2009. A Liveryman of the Worshipful Company of Masons, she has extensive experience in the care and conservation of stonework. Ulrike is a member of the Cathedrals Fabric

Vernacular Buildings Working Group, and past Convener of the Scottish Stone Liaison Group and Scottish Historic Buildings Fire Liaison Group. He represented the UK in the European Commission COST Action C5 programme 'Urban Heritage, Building Maintenance' and was Chairman of the European Science Foundation's COST Action C17 'Fire Loss to Historic Buildings'.

He has served as a Member of the European Construction Technology Platform 'Focus Area Cultural Heritage'; a Trustee of the Commission for England. She was elected President of the Ecclesiastical Architects & Surveyors Association in 2010 and is a member of the Fabric Advisory Committee (FAC) for Ripon Cathedral and a special advisor for the Diocesan Advisory Committee (DAC) for Leeds.

Charles Wallace India Trust; a Director of CyArk Europe, and sat on the EU Cultural Heritage Identity Card, and AHRC/EPSRC Science and Heritage Advisory Groups, Currently he is a member of the Journal of Architectural Conservation Editorial Advisory Board; an Honorary Member of the ICOMOS International Scientific Committee on Stone; a Member of the RIBA Conservation Group; Vice Chair of the BIM4Heritage Group, and Chair of the Council on Training in Architectural Conservation.



Sean Collins (Technical Advisor) 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's Palace, Windsor Castle

and was President from 2006 to 2008. He is a Fellow of the Geological Society (FGS), Chartered Geologist (CGeol).

Previous experience had been gained initially within the Laing Group, followed by several years at WS Atkins in their Geotechnical & Tunnelling section. David joined the Construction Division of BRE in 1998 working in the Centre for Concrete Construction, the Centre for Heritage, Stone and Masonry and the Facades group. David became a Director within the Construction Division in 2004 and had several roles including responsibility for the Centre for Whole Life Construction and and the Houses of Parliament. In 1994 he started as Workshop Manager for Boden & Ward Ltd and in 1999 formed Boden & Ward Stonemasons Ltd.

Conservation, the Building Technology Group and the Sustainable Products Group which was responsible for Life Cycle Assessment (LCA) and supply chain risk management of construction products and materials.

David continues to provide specialist advice on the selection and use of natural stone on construction products both in the UK and globally including the use of natural stone internally and externally, materials/products performance, procurement, assessment, selection and testing, petrography and forensic investigations of failures.



David Richardson (Technical Advisor) David is currently a Director of Diagenesis Consulting Limited. After completing a Masters degree in Geomaterials

in 1987, David has gained 30 years' experience working in a technical advisory and consultancy role in natural stone that has culminated in him starting his own consultancy business in 2015.

David is Chairman of the Stone Federation Great Britain (SFGB) Technical Committee,

The Natural Stone Awards 2018

Award Winner: Contour House

Client Private Owner

Architect Sanei Hopkins Architects Ltd Principal Stone Contractor South Pennine Walling

Other Company Involved Elliott Wood Civil & Structural Engineers Other Company Involved RGB Stone Supplier (2) RGB

Stone Used (1) Bradfield Peak District Stone Stone Used (2) Stanton Moore Pink

NESTLED in the rolling hills of the Peak District National Park this project follows the contours of the land to create a curvilinear plan. This plan, with circulation zones either side of a series of open plan spaces, frames the landscape perfectly and provides a simple, elegant layout for a family home. The house, which is approximately 100 metres long by 10 metres wide, is split into four 25-metre-long blocks and separated by glass links.

Of particular significance in this project is the innovative use of natural dry stone walling as a rainscreen and as a brown biodiverse roof. Natural stone was also used extensively both internally and externally as paving and tiling but most interestingly as a thermally massive soffit, acting as permanent formwork for the first floor concrete slab. The stones for the project were sourced from local guarries.

The cladding was constructed by a gang of three local dry stone wallers using a local field stone dug up by the farmer, and locally called Bradfield Peak District stone.

The stone was waste from the excavation for foundations for a new farm building and brought to site using the farmer's tractor. The pieces were cut to size, 250mm deep, on site, and the waste was again used and cut down to create the 50mm slips needed to 'tile' the interior walls of the building. Additionally, Yorkstone was used to create the soffits of the ground floor ceilings which served to provide permanent shuttering for the concrete floor above.

The Judges commented that, not only was the design of the building superb, the use of stone was innovative, skilled and utilised local skilled craft people.







Highly Commended: Adare Manor, Co. Limerick.

Client Private Owner

Architect Reardon Smith Architect Main Contractor

John Paul Construction Principal Stone Contractor S. McConnell & Sons Ltd

Stone Supplier (1) James Gogarty Stone Stone Supplier (2) Fatima Stones Ireland Stone Used (1) Ross Limestone Stone Used (2)

Leecarrow Limestone THE original Adare Manor was built in 1832, on the site

of an earlier family home by the Second Earl of Dunraven, Windham Henry and his wife Caroline.

The hotel was purchased by its current owner in December 2014, and has had a complete transformation and the addition of a new bedroom wing and ballroom. The new bedroom in the West wing brings the number of bedrooms up from 62 to 104. A new classically styled colonnade connects the manor house with the new west wing which is linked at a right angle to an existing bedroom extension constructed in 1989.

Given the historic nature of the original property, the architectural design of the extension had to be approached with utmost sensitivity. This included consideration of scale governed by the mass, height and architectural character.

The entire extension has been clad in limestone, complementing the architectural detail of the original manor house. Over 7,000 tonnes of local limestone was used in the buildings.

The Judges were impressed with how well the new stone blends



in with the existing manor and garden structures. They also commented that all the work is of a very high standard and, bearing in mind the size of the site, there is an impressive consistency of excellent workmanship throughout the project.

The joints are consistent in size, the lime mortar is made with local black sand and the Judges



were particularly impressed with the challenge of finding the joins between the original manor and this new building work.

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James Gogarty Stone Donore Road, Donor<u>e, Co.Meath</u> James Gogarty Stone Donore Road, Donore, Co.Meath

Highly Commended: 8 Finsbury Circus, London

Client

Mitsubishi Estate London Ltd/ Stanhope PLC

Architect WilkinsonEyre Main Contractor Lendlease

Principal Stone Contractor Grants of Shoreditch

Stone Supplier (1) Albion Stone

Stone Supplier (2) Portland Stone Firms Ltd Stone Used (1) Whitbed Limestone Portland Stone Used (2)

Perryfield (retained façade)

THE result of a design competition in 2011, this project saw the redevelopment of River Plate House in Finsbury Circus. The brief called for an exemplary new office building on a historic City of London site. The site is adjacent to the listed Britannic House by Edwin Lutyens, and forms part of the buildings that



edge the Circus; the largest open public space within the City's boundaries.

Close collaboration with the client has resulted in a beautiful building with complex geometries, 15,000m² of grade A, column free flexible office space, new entrances, retail provision and a richness of detail that retains the integrity of the Circus. The development takes a traditional palette of materials, including Portland stone, and unites them in a contemporary piece of architecture with modernist stone detailing.



The Judges were impressed with the quality of design and the proportions of the building. Careful thought has been put into the detail, such as drips to alleviate staining from run offs. The construction was of a high standard.

Award category: NEW BUILD MODERN STYLE STONE CLADDING

Commended: Private House, Glasgow

Client

Private Owner Architect Des Ewing Residential Architect Main Contractor MG Construction

Principal Stone Contractor S. McConnell & Sons Ltd

Stone Supplier (1) A. D. Calvert Architectural Stone Supplies Ltd

Stone Supplier (2) Granitos de Maceira Stone Used (1) Witton Fell

Stone Used (2) Amarelo de Figueira

A new private residence in Scotland, this project uses 75mm thick Witton Fell sandstone ashlar cladding to the façades of the main living quarters of the house.

Uniformly constructed of Witton Fell, the House is of four parts: a neo-Georgian polished ashlar principal block with an asymmetrically glazed modern rear extension, and a rusticated ashlar linking single-storey east wing with a two-storey terminal block, all carefully pointed in lime mortar.

Rising from a shallow granite base course, the masonry has been well constructed with evenly dimensioned joints and beds. Projecting weatherings are provided with hidden drips, window profiles are consistently expressed, with the central and gable curved bays having been well controlled in their production of smoothly flowing segmental profiles.

The Judges noted that the overall impact is one of carefully specified masonry, built with a high degree of consistent quality control and appropriate craftsmanship.



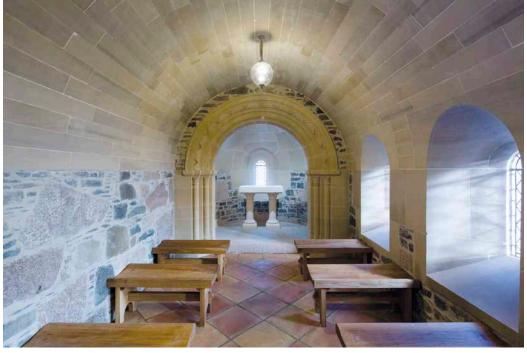


Award Winner: St. Comghan's Chapel, Oban

Client

Kilchoan Management Ltd Architect GLM Main & Principal Stone Contractor Ardle Construction Other Company Involved Forth Stone Stone Supplier (1) Argyll Estates Stone Supplier (2) Forth Stone Stone Supplier (3) **Burlington Stone** Stone Used (1) Ross of Mull Granite Stone Used (2) Blaxter Stone Used (3) Burlington Blue Grey

LOCATED on a coastal estate in Argyll, the project brief was for a new-build private chapel. It was to be a standalone building, ancillary to the main house, with a design influenced by the abbey and monastic buildings on Iona and the diminutive St. Margaret's Chapel at Edinburgh Castle. Like the Iona chapels, it is Romanesque in style yet also celebrating the early Celtic Christianity of St. Comghan, who the estate is named after. This 21st century design is unapologetically eclectic, combining the stylised designs typical of Romanesque architecture with Celtic key patterns and knot work. The design uses simple geometric proportions of square, circle and golden rectangle. It also makes use of the symbolic numbers of three (the Trinity) and seven (creation, perfection, Sabbath rest).





Beautifully conceived and sitting on a slightly battered granite base course, its effective integration with seascape and landscape is assured by the coursed use of split and hand-





dressed Ross of Mull granite, Burlington Blue Grey and locallysourced grey pinning stones. Combined, they create 750mm thick structural masonry walls built with hydraulic lime mortar and crushed shell-lime pointed.

Internally the spectacular, uplifting and spiritually moving space is achieved through accurately worked Blaxter barrel vaulting, with a precisely detailed half-domed apse, set on granite rubble base work.

The chapel is completely traditionally constructed in solid loadbearing masonry. The only slight concession to modern construction is the concrete foundations and floor slab. The main walls of the chapel are built with large stones of granite with a high proportion of flat grey pinnings.

The Judges felt this chapel, with its historic reflections, modern interpretations, unique setting, and the quality of craftsmanship in traditional rubble, ashlar and carved detail flawlessly exercised, is an exemplary project.

Highly Commended: Logie Point, Jersey

Client Goetz Eggelhoefer Architect Guz Architects Architect **Riva Architects** Main Contractor Houze Construction **Principal Stone Contractor** Granite le Pelley Stone Supplier (1) **Burlington Stone** Stone Supplier (2) SES Stone Stone Used (1) Kirkby Weathered Walling

Stone Used (2) Shanxi Black



THIS scheme is a contemporary private residence on the South West coast of Jersey in the Channel Islands. The house is in an area of outstanding natural beauty perched above the rocky coastline of Corbiere and the expansive St Ouens Bay.

The brief was to find a stone that was sympathetic to the surroundings and the tradition of dry stone walling in Jersey and still add to the contemporary minimalist design of the building.

After looking at various granites and limestones from Europe, Burlington Stone weathered walling was chosen as it perfectly suited the desired building colouring. The grey/blue tone and the browns and oranges blended in with surrounding local rock and gave a more natural and weathered look to the building.



The material was dressed on site and fixed with a mortar bed set back from the face to give a dry stone wall effect. Stonemasons visited the Cumbrian quarry to hand pick all the stone for its size, shape and colour. This carefully selected material was used to make all the façades, the sharp corners and deep reveals to windows and doors. The architect wanted the glass to appear to slice through the rock without a large window frame.

The Judges noted that the overall result is timeless in its crisp design sophistication, ambience and integrated assimilation.

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Highly Commended: New Country House, North Yorkshire

Client Private Owner Architect Bramhall Blenkharn Architects Main Contractor Simpson (York) Ltd **Principal Stone Contractor** A. D. Calvert Architectural Stone Supplies Ltd Other Company Involved Heritage Masonry & Conservation l td Other Company Involved Bisca **Other Company Involved** Lapicida

Stone Supplier A. D. Calvert Architectural Stone Supplies Ltd Stone Used Witton Fell Sandstone

THIS new country house has been built in the late Georgian style. It replaced an existing dwelling which had evolved over a long period. The house is constructed in load-bearing cut stone (thin bed joint) with supporting buildings in random rubble with cut stone details. The choice of stone was commended by the Judges as the quarry's deep beds allowed for production of entire column shafts for the entrance portico The elegant classical design of the house shows off the stone to great effect, and the rubbed ashlar of the principal elevations catches the eye from the furthest approaches. The secondary elevations have been built using random rubble with ashlar dressings, and this works well to enhance the hierarchy of external spaces and entrances.

The Judges commented that the stonework has been very well worked and fixed. They noted that the design is technically good, and the building is substantial in size.





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Highly Commended: Holy Trinity Church, Stratford-upon-Avon - South Side Extension

Client PCC of Holy Trinity, Stratford-upon-Avon

Architect Oliver Architecture Ltd Main & Principal Stone Contractor Midland Conservation Ltd Other Company Involved Frank W. Haywood & Associates Other Company Involved Dawn Lodge Associates Other Company Involved Worcestershire Archaeology Stone Supplier (1) Oathill Quarry Stone Supplier (2) Cotswold Hill Stone & Masonry Ltd

Stone Used (1) Oathill Limestone Stone Used (2) Cotswold Hill Limestone

LOCATED in Stratford-upon-Avon, this is the first extension to the Grade I listed "Shakespeare's Church" since the medieval period and has provided much needed new facilities. By rearranging subsidiary functions, this has also allowed the restoration of St. Peter's Chapel



in the South Transept which was previously divided to form a vestry.

A window displayed at the Great Exhibition but subsequently concealed behind the organ has been restored and reset in a new South Porch. The scheme provides level access into the church and will allow the Parish to improve the ways that they serve the community. The Judges commended the choice of local stone which was a good match for the existing church and enables the new to integrate well with the old.

They commented that what makes the building is the detailing of the stone work, all influenced by the church to which it is attached. The stones are well laid and beautifully cut. The jointing is very narrow and constant in the dressing.





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Commended: Lakeland Farmhouse, Cumbria

Client Lindsay Pownall Architect Architecture 519

Main Contractor Thomas Armstrong Ltd

Principal Stone Contractor Eden Stonework

Other Company Involved Tweddell & Slater Structural Engineers

Stone Supplier (1 & 2) Burlington Stone

Stone Supplier (3) Cumbrian Stone

Stone Used (1) Elterwater Westmorland Green Weathered Walling

Stone Used (2) Westmorland Green Slate

Stone Used (3) St. Bees Sandstone

THE project brief was the

remodelling and extension of this Lakeland farmhouse to create a unique home that retained the best of its traditional features and spaces while complementing them with contemporary ones connected with the surrounding fells.



Integrating with the rising landform, and capitalising on a commanding situation overlooking Ullswater, the project has spectacularly transformed a 19th century farmhouse and steading into an effective modern commercial establishment.

The new internally oak-framed addition offers an exterior of horizontally coursed full-

height slate panels that readily sits in character with the local traditional masonry in scale, colour and texture. With slightly recessed pointing it makes a subtle, yet sympathetic, distinction with respect to the adjacent lime-repointed farmhouse to which it is attached

The Judges were pleased to see

this comprehensive project is effectively and visually integrated with the landscape, being capably designed and exercised through the application and diversity of quality craftsmanship, applied skills and an effective understanding of the range, performance and merits of the chosen stones.

Award category: NEW BUILD TRADITIONAL STYLE STONEMASONRY

Commended: Sydenhurst Manor House, Surrey

Client Gerard Ayrton-Grime

Architect Mitchell Evans Architects Main Contractor Ayrton Construction Principal Stone Contractor Sydenhurst Stone Supplier Marshalls PLC Stone Used Stanton Moor Sandstone

SYDENHURST Manor House

is a £12m luxury manor house built near Godalming. The ambition was to create a building with the appearance of a 200 year old manor house, so naturally, stone was the only solution.

The buff Stoke Hall Ashlar walling was selected to give the building its heritage appearance. Bespoke masonry features for the heads, cills, jambs and mullions crafted



from Stoke Hall stone finish the project perfectly. In consultation with the architect and client, the overall stone package was value engineered reducing overall costs without compromising the grandeur of the building.

All horizontal surfaces are lead-flashed in the traditional

way and throats are correctly incorporated. The finish on the stones show no signs of overspinning and appear correctly bedded. Joints are flush and well-worked and window pediments are deliberately under-played.

The Judges noted that the

stone chosen is appropriate for the adopted external style, it is extremely well executed in its detail and will age very gracefully.

Award Winner: Inverness Townhouse Phases 1 & 2 – External Fabric Repairs

Client The Higland Council Architect LDN Architects Main & Principal Contractor LTM Group Ltd Other Company Involved Rainbow Glass Studio Stone Supplier Marshalls Stancliffe Stones Stone Used Darney Stone

IN the heart of Inverness, this project involved a two-phase restoration spread across a three year period. Phases 1 and 2 included external fabric repairs to the external stone envelope, rot repairs and re-slating of scotch slate roofs including new lead valleys, gutters and flashings.

Macroscopic and microscopic examination identified extensive stonework damage. This was predominantly due to defective rain water goods, excessive inappropriate cement-rich plastic repairs and dense white cement pointing to masonry joints.

In some places the stone needed to be fully replaced or part indented, and conservator repairs were used to the remaining existing stone fabric.

Darney Stone was selected as a suitable match in geology, colour and availability following on from a detailed petrographic analysis of the existing stone. The lime mortars selected were traditional gauged hot-lime mortars



which were chosen as the most compatible with the existing and new stone following analysis.

The new work is found distributed throughout the three principle street elevations and the Judges noted that it was all executed in the most careful and precise manner, collectively presenting a unique portfolio of skilled craftsmanship.

Almost 3,000 hours of professional conservation repairs were exercised on the remaining original carvings, the Mercat Cross and on the various descriptive plaque wall face panels.

The Judges commented that this project showcased an exemplary range of skilfully detailed, intricate and diverse carvings, crafts skills and associated works.





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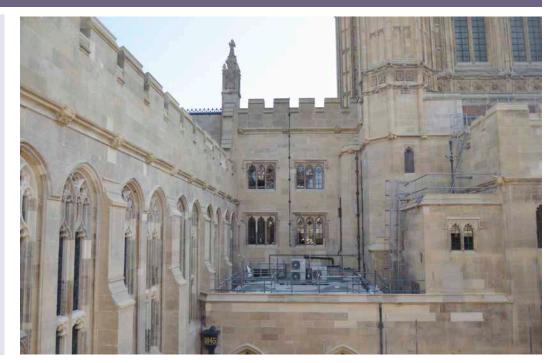
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Award Winner: Palace of Westminster – Chancellors Court

Client Palace of Westminster Architect Donald Insall Associates **Main Contractor** Walter Lilly & Co. Ltd **Principal Stone Contractor** DBR Ltd Other Company Involved **Revntiens Glass Studio** Other Company Involved Odgers Conservation Consultants Stone Supplier (1) Block Stone Ltd Stone Supplier (2) Lafarge Aggregates Ltd Stone Supplier (3) Stamford Stone Company Ltd Stone Used (1) Cadeby Yellow Stone Used (2) Anston Stone Used (3)

Clipsham





LOCATED within the historic Palace of Westminster, this project marks a revival of the Courtyards works.

The brief included the cleaning and repair of masonry. This involved identifying cleaning and repair methods and specification of materials that were more appropriate to the building and current conservation approaches, and would inform similar works to subsequent courtyards. Priority was given to achieving robust repairs whilst conserving significant stonework, including carved ornaments.

At the outset of this project

Chancellors Court had 150 years of accumulated atmospheric pollution, soiling, sulphation crusts and masonry decay. Masonry was to be cleaned, then robustly repaired, in order to conserve the globally significant fabric and clarity of design, and make the building watertight.

A particular challenge to this project was the requirement to undertake a large and complex project without disruption to the business of Parliament. This required complex programming and stakeholder liaison with the House of Lords and its representatives, with 'quiet times' imposed while the House was sitting, sometimes



at very short notice. When choosing the correct stone, in addition to geological suitability and performance, the selected stone types were chosen from sustainable sources at well managed quarries, and it is now intended to use them elsewhere in the Palace.

The project welcomed apprentices from the Building Crafts College who have worked alongside the principal stone contractor's stonemasons to gain their qualifications in NVQ level 3 Advanced Stonemasonry. The project has proven to be an excellent training ground providing the opportunity to set out and work gothic revival masonry from sawn six sides block on site in the specially constructed banker shop.

The Judges commented that the work was crisp and not too intrusive with its replacements, cleaning, reporting and repairs. They were impressed with how the new work has been successfully blended with the existing leading to a highly successful and sensitive restoration job. They also praised the approach of using the scheme to invest in apprentices which added extra merit to it.

14

The award-winning team behind the conservation of the Palace of Westminster Courtyards





Donald Insall Associates Chartered Architects and Historic Building Consultants

Highly Commended: St. Edmund or St. James Church, Blunham

Client

PCC of Blunham Historic Building Consultant Priory Heritage Ltd

Main & Principal Stone Contractor Hibbitt & Sons (Masonry) Ltd Other Company Involved

Lankesters Stone Supplier (1) Barrington Quarry Stone Supplier (2) The Bath Stone Group Ltd Stone Used (1)

Barrington Clunch Stone Used (2) Stoke Ground Base Bed



OVER the years the East window of the South Aisle Chapel at St Edmunds and St James Church, Blunham had deteriorated and was in need of some sympathetic repair.

Once the project commenced, it soon became apparent that more work than anticipated was going to be necessary. The original mullions had undergone numerous past repairs resulting in a very unstable structure. It was decided that these be completely removed so they could be fully stabilised.

The decision was made to support the tracery from a braced, designed scaffolding, so that the mostly original 14th or 15th century tracery be retained in its original positions.

The tracery stonework had to be supported while the mullions were replaced. The original stone was Clunch and this was replaced with Barrington Clunch which matched in well with the



original. The hood moulds were all replaced.

The Judges noted that this was a very nicely executed job with a mixture of repair and conservation. The work has been well done with great care and the stones that were not replaced were conserved and treated with limewater and the whole of the exterior was limewashed. The pointing is all well done and the joints consistent. The stone was well fixed with no chips and all aligned nicely.

They noted that this is an exemplary piece of work that any parish church would be proud of.

Award category: REPAIR & RESTORATION

Highly Commended: Kirkmichael, Black Isle, Scottish Highlands

Client The Kirkmichael Trust Architect McGregor Bowes Main & Principal Stone Contractor LTM Group Ltd

Other Company Involved Torrance Partnership

Other Company Involved David Narro Associates

Other Company Involved Highland Archaeology Services Stone Supplier Marshalls Stancliffe Stones

Stone Used Lazonby



LOCATED on Scotland's Black Isle, this dedicated and successful multi-disciplinary community project, 18 years in the making, was supported by some 50 individual funding donors and over 30 contributing organisations. With exemplary (and on-going) local commitment it has impressively rescued a severely deteriorating nationally important Scheduled Ancient Monument and B-listed structure from complete collapse.

Incorporating a mediaeval chancel in a tranquil rural graveyard, the project has also conserved and displayed some significant local 16th century and post-reformation grave slabs and crosses, inherent wallmounted 19th century funerary plaques, and two adjacent 17th century mausoleums, in addition to creating a comprehensive interpretative display, and publishing an associated 192page contextualising guide book.



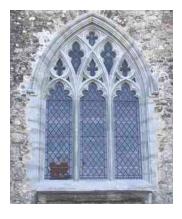
The collapsed roof slates were salvaged, augmented and reused in traditional diminishing lap courses. Internally, both nave and chancel sympathetically display vertically secured historic stones to enable a full appreciation of their carvings, each with a horizontally laid replica stone offering a tactile experience of its detail. The Judges were impressed with the sensitive conservation work that has been carried out on the internal funerary attachments.



Commended: St. George, Ivychurch, Kent – Tracery Window

Client The PCC, St. George Architect Robert George Architects Main & Principal Stone Contractor Chichester Stoneworks Ltd Stone Supplier Gallagher Aggregates Ltd Stone Used Kentish Ragstone

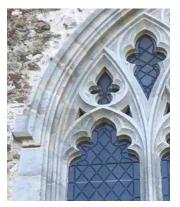
LOCATED in Kent and known as the 'Cathedral of Romney Marsh', this church is mainly constructed of local Kentish Ragstone and dates back to the 14th century.





The works comprised of the re-building of the west elevation tracery window, opening up and reinstating internal window reveals with associated leaded light glazing and lime washing.

Working closely with the Canterbury Archaeological Trust, a masonry record survey was undertaken and drawings updated when it became clear that none of the original stone could be salvaged. The new stone was to include the full



replacement of the cill, reveals, mullions, tracery and hood moulds.

Existing stonework was carefully adjusted to accommodate the new construction and the new stone was lifted and fitted piece by piece. A sympathetic lime mortar was used to create unobtrusive jointing and once the tracery pieces were fitted, the stone adjusting and finishing were carried out by hand.



The Judges noted that the window has been extremely well executed, the joints are neatly finished and the mullions and mouldings are crisp and in line.

The Judges commented that projects like this, small scale, local projects using indigenous stones to rescue failing masonry, are to be celebrated as the foundation of this part of the industry.

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Kentish Ragstone tracery window in Ivychurch Tower of London, built using Kentish Ragstone





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Commended: All Saints Church, Clifton – Chancel East Window

Client All Saints PCC Architect Michael Dales Partnership Main & Principal Stone Contractor Hibbitt & Sons (Masonry) Ltd Stone Supplier The Bath Stone Group Ltd Stone Used Stoke Ground Base Bed

LOCATED in Bedfordshire, this project saw the renewal of external stonework while



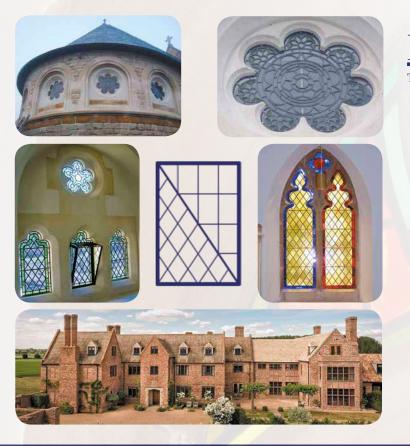




leaving the internal stone and stained glass in place.

The internal tracery was first strengthened to ensure its stability. This was done with stainless steel pins and by slate packing and pointing all open joints. The stonework was then laterally braced and the stained glass protected before work started on the outside masonry. The shape of the remaining stonework was traced by hand and then converted to digital formats so that the templates could be drawn on AutoCAD, ensuring an accurate fit to the internal stonework whilst keeping the flowing lines of the original design. Due to movement over the years it became clear that no two pieces were the same. Following cutting and carving of the new stonework, the tracery was carefully fitted and pinned back to the remaining internal half with stainless steel rods.

The Judges commented that the window provides the church with a stunning focal point and was well-deserving of commendation.



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National Stone Award Winners for the Restoration to the Tracery Windows at St Edmunds Church, Blumham & All Saints Church, Clifton

Hibbitt Stonemasons, 126-128 Victoria Road, Cambridge CB4 3DZ Tel:- 01223 354556 info@hibbittmasonry.co.uk www.hibbittmasonry.co.uk

Highly Commended: Private Residence, Cambridgeshire

Client Private Owner Structural Engineer Pryce & Myers Consulting Engineers

Main & Principal Stone Contractor Chichester Stoneworks Ltd

Other Company Involved Richard Johnson Restorations Stone Supplier (1) H & G Clarke & Son Stone Supplier (2) Stamford Stone Company Ltd

Stone Used (1) Clunch Top-Bed Stone Supplier (2) Clipsham Stone

LOCATED in Cambridgeshire, this Grade 1 listed private residence consists of vaulted remains of a 13th century abbey which forms the ground floor and an upper floor which was added in around 1795. The lower storey is built in Clunch, with the upper parts in brick.

The abbey was built on a

minimum foundation of clay and unfortunately, during works to clean the vaulted ceilings by a previous contractor, the foundations failed, causing the two central piers to subside and a large area of the vaulting to collapse. During clearance to the affected areas, every effort was made to salvage and re-use as much of the original stone as possible.

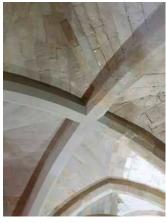
The salvaged stones were logged and marked ready for re-installation to their original orientation and placings. Quarried from the only remaining quarry in the country, Clunch was procured for the replacement stones which were cut at the contractor's workshop. In addition, two new doorways and several windows were formed in Clipsham stone.

The Judges commented that





the result is very good as far as reforming the stone arches and vaults is concerned. In the collapsed vault about 70% of the





stone was re-used and the team have achieved an impressive result working in a difficult situation.

Award category: REPAIR & RESTORATION INTERIORS

Highly Commended: Weston Library – Flooring in Main Reception & Treasures Gallery

Client Bodleian Libraries, University of Oxford Architect WilkinsonEyre Main Contractor

Mace Group

Principal Stone Contractor Putney & Wood Ltd Stone Supplier Solnhofen Stone Group GmbH Stone Used

Jura Limestone

OXFORD'S Weston Library, formerly the Bodleian Library, is a 1940s, Grade II listed building designed by Giles Gilbert Scott. It has undergone an £80m restoration and renovation programme to create additional storage for the library's collections. The newly refurbished library was opened by HRH The Duke of Cambridge on 11th May 2016. The internal works saw the restoration of the Clipsham stone internal corridors and wall linings as well as the reinstatement of the 17th century archway in the main reception and installation of new limestone flooring in various locations in the library.

There is a large open area including an exhibition space, café and a shop which has all been brought together with the new limestone floor. The Judges commented that this was arguably the best part of the scheme, having been well designed and laid in random bands to a high standard with all the metalwork fully integrated and hardly noticeable.





Commended: Mount Stewart House, Co. Down – Central Hall Floor

Client The National Trust Architect Elphick Associates Main & Principal Stone Contractor **Cliveden Conservation** Other Company Involved **Grallagh Studios** Other Company Involved Cathderal Workshops Other Company Involved Ros Devitt Stone Supplier (1) Hutton Stone Co. Ltd Stone Supplier (2) Berwyn Slate

Stone Used (1) Hazeldean Sandstone

Stone Used (2) Welsh Blue Black Slate

LOCATED in a 19th century house and garden in County Down, Northern Ireland, Mount Stewart House is in the care of the National Trust and is the family home of the Londonderry family. The house is one of Ireland's most popular tourist attractions and had recently undergone a major three year restoration project.



The original sandstone floor had been covered with a 30mm screed of bitumen overlaid by a linoleum finish in the 1960s. The tiles had subsequently been renewed in 2006. The objective of the project was to return the central hall to its former glory and reveal the sandstone floor. Initial investigations and trials were carried out in 2014 and 2016 in order to try and understand the details of the present floor covering, methods for its removal and to gain a snapshot indication of the condition of the underlying sandstone.

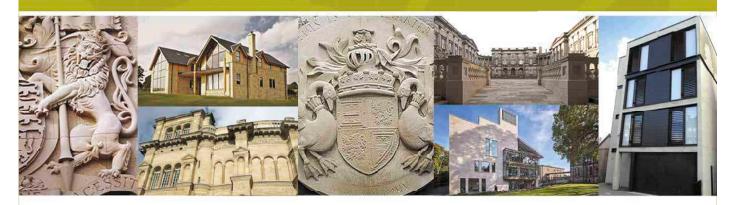
The team completed the painstaking task of cutting away the overlying black and white linoleum and bitumen. Fine sharp chisels and hand tools were used to minimise the impact on the original underlying sandstone. Wherever possible stones were repaired in situ or lifted and re-bedded and almost the entire floor was grouted and re-pointed. The Judges were impressed with the scrupulously undertaken, detailed and highly sensitive conservation work which has produced a highly accomplished result.





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Award Winner: Clarges Mayfair, London

Client British Land

Architect Squire & Partners

Main Contractor Laing O'Rourke

Principal Stone Contractor Vetter UK Ltd

Other Company Involved Martin Kemp Design (Interior Designers)

Stone Supplier (1) Henraux S.p.A.

Stone Supplier (2) Santucci Group

Stone Supplier (3) LSI Stone

Stone Supplier (4) Britannicus Stone

Stone Used (1) European Marbles/Limestones.

Stone Used (2) Worldwide Marbles/Limestones/ Onvx

Stone Used (3) European Limestones/Marbles Stone Used (4) Hopton Wood Limestone

CLARGES Mayfair is a luxury residential development located in London's Piccadilly overlooking Green Park. There



are 32 apartments arranged over ten floors, ranging in size from one-bedroom to fivebedroom residences including 2 penthouses.

The development includes a wellness spa with a swimming pool and fully equipped gymnasium, sauna, steam and treatment rooms as well as a private cinema. There is a reception, grand hall including a curved staircase, and an atrium featuring wall cladding extending from basement level to third floor.

The Judges were deeply impressed with this project commenting that:

"The atrium void rises through all floors to a sophisticated lantern at its head. The rear of this void is faced with a curved and leafed limestone wall rising the whole height and where the leaves separate at the edges, LED lighting has been inserted extremely accurately. The effect is extremely elegant and the apparent lightness hides what must be an enormous piece of restraint structure to keep it in place.

This wall demonstrates what can be done with plain, unfussy stone to produce an emotional response. Considering the expense of this project the temptation must surely have been to use a heavily marked marble or similar, but the design has deliberately shied away from this, allowing the elegance of the installation to speak for itself. Each of the individual elements of the project have been extremely well handled. Each apartment has two palettes of stone and in all cases, and especially where the black stones have been used on the floors, the jointing was exceptional, greatly contributing to the success of this outstanding project."





Highly Commended: Adare Manor, Co. Limerick

Client Private Owner Architect Richmond Main Contractor John Paul Construction Principal Stone Contractor

S McConnell & Sons Ltd Stone Supplier

GD Stones
Stone Used (1)

Mira Black Stone Used (2) Crema di Carpi





THE original Adare Manor was built in 1832, on the site of an earlier family home by the Second Earl of Dunraven, Windham Henry and his wife Caroline.

The hotel was purchased by its current owner in December 2014, and has had a complete transformation and the addition of a new bedroom wing and ballroom.

The stone contactor manufactured and installed various aspects of new stonework to the internal spaces



of the ballroom, all utilising a combination of two types of marble. The layout of the stone and the margins to each room ensure there are no odd corners, or unresolved junctions.

The Judges were impressed with the care and time taken in producing the extremely detailed working drawings and cutting schedules. They noted that the strict quality control during the manufacturing process and high standard of craftsmanship carried out in the installation of the various elements has contributed much to the success of the project. They commented that the quality of the interior work was outstanding.

Award category: INTERIORS

Highly Commended: Harrods Fine Watches – New Staircase & Wall Cladding

Client Harrods

Architect Rundell Associates Ltd Main Contractor Jaysam Contractors Ltd Principal Stone Contractor stoneCIRCLE Stone Supplier McMarmilloyd Ltd Stone Used (1) Crema Tirena

Stone Used (2) Crema Marfil

THIS project saw the manufacture and installation of quarter book-matched panels to the walls and solid marble treads to create a new staircase in an elliptical opening in the floor which link the two areas of Fine Watch Sales in Harrods, Knightsbridge.

A single block of Crema Tirena marble was selected for the walls, together with Crema



Marfil for the stair treads, apron nosings and floors. The walls and stairs were modelled in 3D to ensure that the sizes were correct. From the modelling, a cutting schedule detailing the thicknesses and sequence of each slab from the block was sent to Italy so that the block could be sawn. The slabs used



at each end of the ellipse were thicker to allow for the tighter curves.

Once in the stone contractor's factory, the slabs were photographed and rendered so that the book matching could be worked out. Once approved by the client and architect, the slabs were cut and shaped on CNC saws ready to be honed by hand.

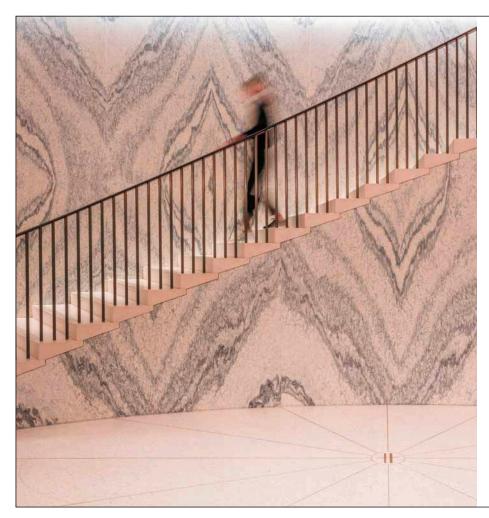
The Judges felt that it was a very interesting scheme and the end result was very pleasing and had been well executed.



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Harrods Fine Watch Room – Highly Commended

stoneCIRCLE is delighted to have fabricated and installed the marble staircase in the Fine Watch Room at Harrods. Rundell Associates commissioned the solid Crema Marfil treads and border for the stairs themselves, as well as the curved quarter book matched panels of Cipollino Tirrenia on the walls. These were cut from different thicknesses to allow for book matching on the elliptical curve of the stairwell.



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Highly Commended: Four Seasons Hotel, London – Ten Trinity Spa

Client Four Seasons Hotel Architect Joseph Caspari Architecture & Design **Main Contractor** McCue **Principal Stone Contractor** EDM London Ltd **Stone Supplier** EDM London Ltd Stone Used (1) Striato Olympico Stone Used (2) White Carrara Stone Used (3) Bardiglio

A modern spa development beneath a London hotel, this project reflects the architecture of London's ancient Roman history with fluid lines, curved walls, an oval-shaped reception with gold mosaics and domed ceiling.

The project involved designing, producing and laying 1500m² of marble floors, hand-cut 24-carat gold scroll pattern mosaic, 32 full height marble panels on honeycomb backing, solid carved spa benches and one metre diameter bowls.

The walls are clad with greyveined marble, with veins running vertically at different widths. Each panel is a single sheet running floor to ceiling and where shelves are incorporated, vein-matched.

The inlaid leaves are 18 carat white gold, and no two panels are the same creating a unique aesthetic through the combination of the natural veins in the stone and the gold detailing.

The Judges noted that the spa area was a complete triumph featuring some very well crafted elements that all blend well together.





Award category: INTERIORS

Highly Commended: Nazrin Shah Theatre Centre, Worcester College, Oxford

Client Worcester College

Architect Niall McLaughlin Architects Main Contractor Beard Principal Stone Contractor Szerelmey Stone Manufacturer Meister Masonry Ltd Stone Quarry Stamford Stone Company Ltd Stone Used Clipsham Stone

THE new auditorium and theatre building for Oxford University's Worcester College has been designed to resolve the relationship between the existing old structures and the new structures at the college and includes gardens, courtyards and water features in addition to the striking new building. The site is designed along a footplate similar to a "Spanish fan" or wedge shape and incorporates a



large number of fins that radiate both externally and internally, and therefore had to be perfectly aligned.

Internally, there is a set of carved crests designed by the architect, reflecting the crests of both Prince of Wales' crest and Nazrin Shah. These were officially



opened by HRH Prince of Wales and the Sultan of Parek, Nazrin Shah. The interior space also features Clipsham stone walls and Crema Marfil treads.

The Judges commented that the stonework flows seamlessly from the exterior to the interior and through to the theatre, it

is carefully executed and well controlled workmanship, a delight to see.





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Commended: Logie Point, Jersey

Client Goetz Eggelhoefer Architect **Guz Architects** Architect **Riva Architects Main Contractor** Houze Construction **Principal Stone Contractor** Granite le Pelley Stone Supplier (1) **Burlington Stone** Stone Supplier (2 & 3) SFS Stone Stone Used (1) Kirkby Weathered Walling Stone Used (2) Shanxi Black Granite Stone Used (3) White Woodvein Limestone

A contemporary private residence on the South West coast of Jersey, this project is perched above the rocky coastline of Corbiere and the expansive St Ouens Bay. The internal stone needed to be a continuation of the external finishes. The weathered walling was continued through windows





and doors with minimal frames and the Cumbrian slate was used to clad selected internal walls, fireplaces and chimneys and in



seating and shelving areas. The sourcing and installation being the same as the external application, and the environmentally friendly aspect of using the reclaimed Cumbrian slate was important feature in the selection of this stone.

The judges noted that every care and attention to detail has been taken during the internal design work and this has been more than supplemented by superior site management, supply chain quality control, and effective and sophisticated craftsmanship that exudes quality throughout. Ably and fully complementing the exterior in every respect; the overall result is stunning in its assimilation.

Award category: INTERIORS

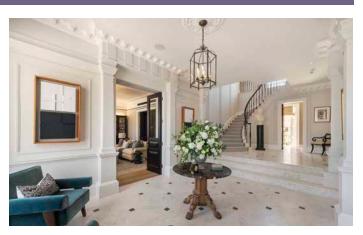
Commended: Regent's Park, London – Private Residence

Client Private Owner Main Contractor Concept Bespoke Interiors Principal Stone Contractor New Image Stone Stone Supplier New Image Stone Stone Used (1) Alba Perla Stone Used (2) Perla Argento Stone Used (3) Bianco Raffaelo

THIS project comprised floor and wall cladding to a refurbishment project in Regents Park, London using a range of natural stones cut from slab to bespoke sizes and designs.

The work included many intricate details such as bespoke moulded edge profiles and recessed panel work with recess edge moulding that required very careful planning and setting out as well as many hours of hand finishing. The judges were impressed that, despite its very large budget, the stone application is extremely well considered and resists the temptation to use dramatically large, extremely busy stones everywhere. Stone is prevalent on the floors, worktops and shelving throughout. The main staircase is also constructed in stone.

The Judges commented that all components have been executed to a very high standard with tight jointing, flat joints and exquisite finishing. The main entrance hall and staircase space in particular is an absolute triumph. The light, delicate treatment is achieved with the use of white marble on the floors and skirtings, all fully integrated with the first rise of the staircase, seamless and timeless.





Commended: Post-tensioned Staircase, Keston

Client Andrew Yetzes Main Contractor Hursley Developments Principal Stone Contractor Carvero Ltd Other Company Involved Price & Myers Consulting Engineers Stone Supplier

MVC Stone Used Codacal Limestone THIS post-tensioned staircase installed in a private residence comprises of two flights of stairs, each of them containing 14 steps. Every flight is designed as a half circle.

The particular challenge on this staircase was the very tight radius. The internal radius of the staircase is only 560mm. There





are two cables placed towards the centre of the staircase.

The Judges commented that the stone has been extremely well worked. The joints are absolutely flush and straight and in the 14 months since completion and family use, no cracking has taken place. The balustrading has been set into the stone with a

> COMING SOON Three detached houses in Coulsdon

high degree of precision and no escutcheons.

They noted that the passion with which this project has been approached is evident in the finished product. The choice of the stone, the finishing and the elegance of the finished product are all to be commended.





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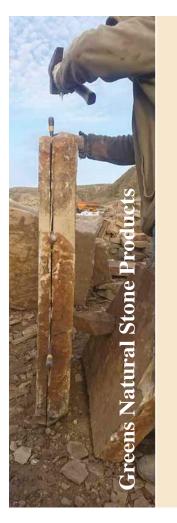
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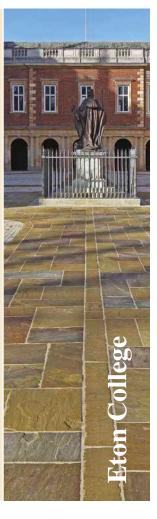


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Award Winner: Eton School Yard, Windsor

Client Eton College

Architect Martin Ashley Architects Main & Principal Stone Contractor PAYE Stonework & Restoration Ltd Other Company Involved Tom Young Lettering & Carving Other Company Involved Huntley Cartwright Stone Supplier (1 & 3) Haysom Purbeck Stone Stone Supplier (2) Greens Natural Stone Products Ltd Stone Used (1) Purbeck setts Stone Used (2) Yorkstone paving Stone Used (3) Purbeck inscription panels

THIS project saw the restoration of Eton's historic school yard, a space of outstanding national importance.

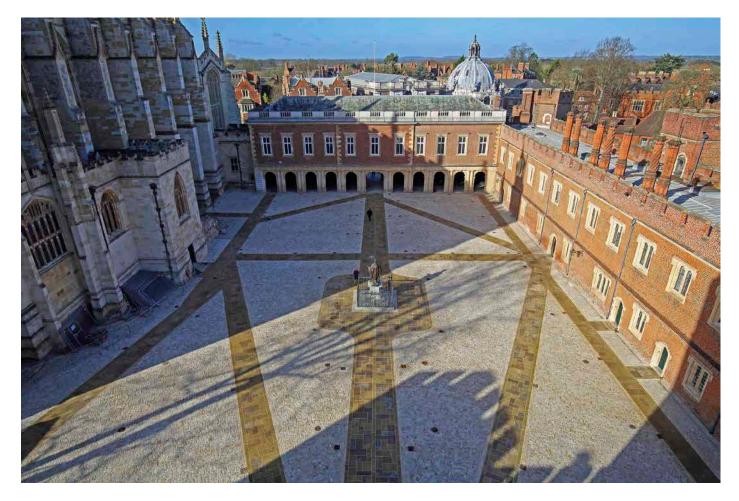
Previously the characterful but uneven, loose and disrupted split-flint and cobble paving of the school yard had become difficult to walk over, and presented health and safety issues as well as an increasing maintenance burden. Over the centuries the layout of the yard and its paths had evolved, but materials had also been altered, patched and repaired on many occasions using differing materials. The surviving mix of mostly 20th century paving no longer served its purpose and appeared as aesthetically questionable paths within disrupted paving fields. The resultant surfaces were physically problematic, dilapidated and unsightly.

The decision to use natural stone for repaving the school yard was quickly reached and principally influenced by the context of the beautiful natural stone and brick colour-palette of the outstanding 15th century school chapel and other listed buildings surrounding the yard. Research also revealed the pleasing fact that stone from



the Isle of Purbeck in Dorset had been laid in the school yard in the 18th century.

To avoid the need for onsite cutting, the architects worked with the quarry to develop riven and tumbled Purbeck batts to a range of varying sizes. This approach allowed the school to continue to operate and the contractors fitted in their work when college activities permitted. The Judges commented that this is a true restoration programme, historically correct, and very scholarly executed. The new paving, both in colour and tone, works well with the surrounding buildings.



Award Winner: Luas Cross City, Dublin City – Phase 3

Client Dublin City Council Architect Transport Infrastructure Ireland **Main Contractor** Sisk Steconfer Joint Venture **Principal Stone Contractor** Stonepave Other Company Involved Premier Paving Stone Supplier (1) Murphy Stone Stone Supplier (2) DFG Group Stone Supplier (3) Longterm Import Export Stone Used (1) Irish Granite Stone Used (2) Azul Platino

Stone Used (3) G684 Chinese Olivine Basalt

LOCATED in Dublin City, Ireland, this project incorporates 13 tram stops over 5.9km, and hard landscaping elements running through the heart of the city, around Trinity College, terminating at Broombridge. Throughout its course, a

remarkable consistency in approach has been upheld resulting in, probably, the largest infrastructure hard landscaping scheme ever carried out in the Republic of Ireland in recent times.

To its credit, the project has been fully exercised in stone, primarily granite. Consistently applied and uniformly laid with excellent workmanship, the homogenous and harmonising result greatly adds to the identity of the tram's network - frequently also extending out with similarly high-quality work to integrate street furniture, adjacent pavements and other public spaces.

Simply and appropriately laid in specialist bedding and mortar, the finished area offers an air of permanency with their hard-wearing surfaces readily evident along streets and at each tram stop. The new work is carefully united and integrated with the city's adjacent and remaining historic paving, bollards, steps and statue bases.

The Judges were impressed with the overall scale of the project, its persistent reiteration of functional quality and detail, and the consistency of applied continental sett laying and paving skills.



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Award Winner: The Piece Hall, Halifax – Central Courtyard

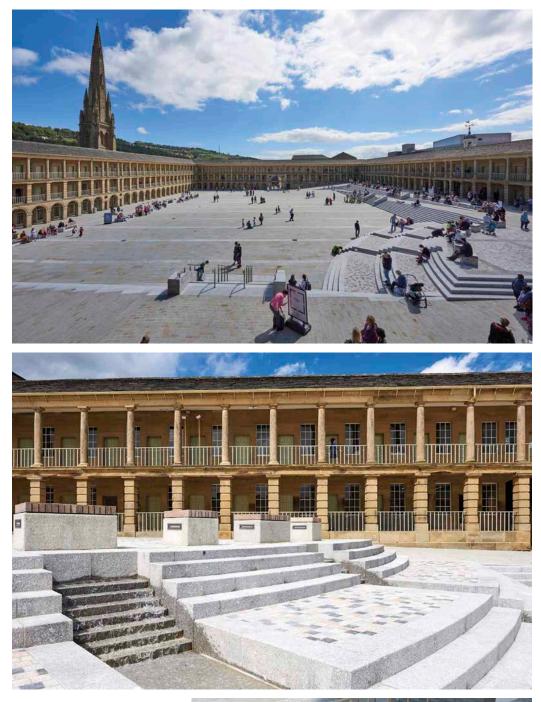
Client Calderdale Council Landscape Architect Gillespies LLP Main Contractor Graham Construction **Principal Stone Contractor** Hardscape Products Ltd **Stone Supplier** Hardscape Products Ltd Stone Quarry (1) Forest of Dean Stone Firms Stone Quarry (2) Portuguese Granite Quarry Stone Quarry (3) **Kilkenny Limestone** Stone Used (1) Forest Pennant Sandstone Stone Used (2) Alpendurada Granite

Stone Used (3) Carlow Blue Limestone

THE Piece Hall in Halifax has undergone a multimillion pound conservation programme made possible by funding from Calderdale Council, a grant from the Heritage Lottery Fund and support from the Garfield Weston Foundation and the Wolfson Foundation. This has transformed the Grade I listed building into a landmark visitor destination, with heritage interpretation, three levels of shops, independent new start-ups, restaurants and businesses, as well as a reimagined central courtyard.

When originally built by the Georgian wool merchants and manufacturers of Halifax, The Piece Hall was an ambitious and prestigious building. It is a fine example of an 18th century northern cloth hall which was built specifically for the trade in "pieces" of handwoven cloth.

The Judges noted that the transformation of the courtyard has been profound. The large space had previously had limited use due to its significant gradient; the design of level areas linked with steps and ramps creates flexible spaces which will be used for



events, markets and for simply enjoying. The introduction of water cascades provides interest and a draw to families.

The landscape was devised in a mixture of Yorkstone tumbled setts, flags and cubes with steps in Portuguese granite. The Judges commented that the overall effect is very homogenous and impressive and ingeniously thought through. The quality of the materials is high, and the execution good. The design of



the lighting was also clearly a key consideration and the night time presentation is effective.

A Piece of History. The Piece Hall, Halifax

Hardscape played an integral role in the award-winning regeneration project, working alongside Gillespies landscape architects and GRAHAM Construction to restore the central courtyard to its former glory. Supported by Calderdale Council and several key conservation and heritage foundations, Hardscape supplied 5,500 square metres of Forest Pennant paving and setts for the central courtyard. Portuguese granite setts were also used in the areas surrounding the North West and South East water features.

Hardscape supplied a blend of four Portuguese granites and Carlow Irish Blue Limestone. Portuguese Alpendurada granite steps were installed around the central square to provide an elegant frame for the Forest Pennant paving, leading up to the main building. Twelve solid granite benches and forty euroform-w Iroko timber-topped granite benches, featuring a galvanised steel framework, which was left exposed beneath the Iroko timber to reveal The Piece Hall logo, were also installed.



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Client: Calderdale Council Landscape Architects: Gillespies Contractor: GRAHAM Construction Hard landscape materials supplier: Hardscape

Highly Commended: Hull Public Realm

Client

Hull City Council Landscape Architect re-form Landscape Architecture Ltd Main & Principal Stone Contractor Eurovia Contracting Ltd Stone Supplier Hardscape Products Ltd Stone Used (1) Magma Granite Stone Used (2) Crystal Black Granite Stone Used (3) PRIMA Porphyry

AS part of its status as the City of Culture 2017, Hull has undergone a large-scale transformation, made possible by a huge investment by Hull City Council aimed at changing how people and businesses use the city.

This includes fourteen streets and four public squares connecting the train station in the west to the old town and docks in the east. The project had to transform people's perceptions by creating a high quality, attractive and inviting place that the city could be proud of.

This was a large scheme using 45,000m² of Magma granite which the Judges felt linked the buildings together well and enhanced the public realm. Where there are large open spaces away from the buildings, a slight change in material and colour was used to great benefit in giving an almost unseen relief to these interchange areas. The project has increased footfall to the area by 10%.

The Judges were impressed with the standard of workmanship and quality of finishes that have been maintained throughout the scheme which is very extensive.





Award category: LANDSCAPING

Commended: Wilkins Terrace, University College London

Client University College London Landscape Architect Levitt Bernstein **Main Contractor** Balfour Beatty **Principal Stone Contractor** Szerelmev **Stone Supplier** Albion Stone Stone Used (1) Portland Stone - Jordans Whitbed Stone Used (2) Grove Whitbed Stone Used (3) Fancy Beech

THIS project on the University College London campus involved the creation of a new courtyard above an existing service yard, and the bringing together of several different buildings and spaces to form a cohesive and enriching area. The quadrangle area was paved with two types of Portland stone to create a



clearly demarked pattern. This allows for a subtle contrast to break up the open space, and a contrast against the Fancy Beach Portland Stone used on the elevations. The Judges were particularly impressed with the screen wall where they noted the nice, well pointed and subtle variation in stone.



Award Winner: Williamstrip Chapel

Client Private Owner

Architect Craig Hamilton Architects Ltd Main Contractor

Meysey Construction Ltd
Principal Stone Contractor

Architectural Stone
Stone Supplier (1)

Clipsham Quarry Company Stone Supplier (2)

The Bath Stone Group Ltd Stone Supplier (3) Albion Stone

Stone Supplier (4) McKeon Stone Limited

Stone Supplier (5) V. Fontanili SRL

Stone Used (1) Clipsham

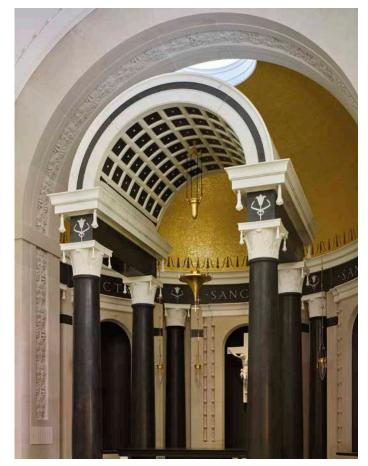
Stone Used (2) Stoke Ground Stone Used (3) Portland Jordans Basebed

Stone Used (4) Irish Blue Kilkenny Stone Used (5) Statuary Marble

LOCATED in the Cotswolds, this new Roman Catholic Private Chapel was built using five types of natural stone. Dedicated to The Virgin Mary, the theme of the lily runs throughout the chapel. The dropped lillies are beautifully carved and appear suspended in space.

The internal pillars were lifted with a gantry crane, secured in place and tensioned with an integral steel dowel. The marble head details at the top of the pillars were produced as single units and were lifted and delicately fixed to the limestone pillars via the same dowels. The entire job was built within a tight 2mm joint tolerance throughout.

The Judges commented that the stones chosen were perfect and it is evident that the client, architect and masons worked together as a close team, creating the perfect end result.





Highly Commended: Goldhammer Sepulchre, Highgate Cemetery, London

Client Mrs. Goldhammer Architect Craig Hamilton Architects Ltd Main & Principal Stone Contractor Ketton Stone Masonry & Fixing Ltd Stone Supplier (1) Victor Oolitic Stone Co. Stone Supplier (2) Albion Stone Stone Supplier (3) Bernardi Marmi SRL Stone Supplier (4) Naturstens Stone Used (1) Indiana Limestone Stone Used (2) Jordans Basebed Stone Used (3) Carrara Marble Stone Used (4)

Oland

SITUATED in London's historic Highgate Cemetery, this new Sepulchre is designed with a very bold and imposing entrance and steps in solid loadbearing limestone.

The windows at either



end of the Sepulchre are manufactured out of single pieces of limestone that have been worked using a combination of five axis saws and traditional hand tools. Inside the Sepulchre there is a mix of stones used for the walls, vaulted ceiling and floors. The walls are hung with panelled 'drapes' with fringed boarder, a stone dado



and a moulded stone skirting. Two central plaques with lettering are placed either side on the long walls. The semicircular niche, against which the internal angel is placed, is lined in polished red Oland limestone from Sweden.

The Judges were thoroughly impressed with the choice of stones used as well as the



exceptional quality of the carving. The carvings to the door reveals are both subtle and mysterious and the barrel vault internal lining is very cleverly handled. The floor inlays are extremely well executed.



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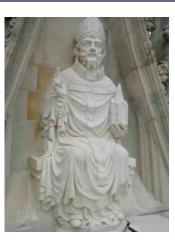
Highly Commended: York Minster Revealed – St. Peter Carving

Client Chapter of York Architect Arrol & Snell Main & Principal Stone Contractor York Minster Works Department Stone Supplier La Pierre de France Stone Used Lepine Fine (Lavoux Fin)

THIS project saw the

replacement of a large, badly weathered figure at the apex of the Great East Window at York Minster. Thought to be Medieval in date, there were no records in existence to confirm the identity of the figure, and over the centuries theories had included Christ in Majesty and Archbishop John Thoresby, along with St Peter, the Saint to which York Minster is dedicated.

Following a symposium held in York that involved leading archaeologists, historians,



academics and clergy, a general consensus was reached that the carving was of St Peter.

The new carving was designed in-house, and each stage, from sketches and small maquettes, to the full scale clay model, was approved by experts to ensure it was authentic to the original carving.



Made of three pieces of stone, and standing at over six feet tall, the new carving retains the exact proportions of the original, which was achieved by building the clay model over the top of a cast of the earlier carving. It took approximately four months for three carvers to complete the work, using a pointing machine and a cast of the clay model to create an exact replica.



The new carving was unveiled to the public in 2016 and today, visitors can enjoy the new carving as well as the original which has been relocated to the gardens of York Minster.

The Judges commented that this is a very well executed piece of sculpture, carefully designed to take account of its position, high on the east elevation.

Award category: CARVING, LETTERING & SCULPTURE

Commended: Palace of Westminster – Norman Porch Window Carving

Client Palace of Westminster Architect Donald Insall Associates Main Contractor Walter Lilly & Co. Ltd Principal Stone Contractor DBR I td Other Company Involved Reyntiens Glass Studio **Other Company Involved** Odgers Conservation Consultants Stone Supplier Block Stone Ltd Stone Used (1) Caen Stone Used (2) Cadeby Yellow

THIS carving is part of the Chancellors Court external masonry repair work extending into the internal masonry carvings and ornament within the Norman Porch.

Structural cracking required the careful dismantling of the

internal polychrome and gilded carved crown and shield below the window cill to determine the depth of structural instability and the extent of repair required. The careful deconstruction involved salvaging as much of the French limestone carvings as possible for reinstatement. The dismantled crown, shield and swags were carefully recorded and numbered.

The Norman Porch carving reconstruction and renewal was informed by careful trials, design and specification throughout, driven by a need to deliver the highest quality of workmanship to this globally significant Grade I Listed Building and World Heritage Site.

This included the identification



of suitable stone types which were sustainably and ethically sourced, as well as being geologically appropriate, alongside employing methods of retaining as much salvageable historic fabric as possible. Extensive trials were also undertaken to find the correct mortar mix using Caen stone dust, selected aggregates



and lime putty.

The Judges commented that this was a very well executed project and the great care taken in the approach to the project has resulted in an outstanding finish.

Award Winner: Contour House

Client Private Owner

Architect Sanei Hopkins Architects Ltd Principal Stone Contractor South Pennine Walling Other Company Involved Elliott Wood Civil & Structural Engineers Other Company Involved RGB Stone Supplier (2) RGB Stone Used (1) Bradfield Peak District Stone Stone Used (2) Stanton Moor Pink

NESTLED in the rolling hills of the Peak District National Park, this project follows the contours of the land to create a curvilinear plan. This plan frames the landscape perfectly and provides a simple, elegant layout for a family home. The house, which is approximately 100 metres long by 10 metres wide, is split into four 25-metre long blocks and separated by glass links.

Of particular significance in this

project is the innovative use of natural dry stone walling as a rainscreen and as a brown biodiverse roof. The cladding, constructed by a gang of three local dry stone wallers, is a local field stone dug up by the farmer, and locally called Bradfield Peak District stone. The stone was waste from the excavation for foundations for a new farm building and brought to site using the farmer's tractor.

The pieces were cut to size, 250mm deep, on site, and the waste was again used and cut down to create the 50mm slips needed to 'tile' the interior walls of the building. Additionally, Yorkstone was used to create the soffits of the ground floor ceilings which served to provide permanent shuttering for the concrete floor above.

The Judges commented that the use of stone was innovative and were impressed with the



utilisation of local stone and local skilled craft people noting that this is one of the most environmentally sustainable project approaches that they have seen to date.











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Award Winner: Temple of Mithras, London

Client Bloomberg LP Architect Local Projects Main Contractor Sir Robert McAlpine Principal Stone Contractor PAYE Stonework & Restoration Ltd

THE London Temple of Mithras was recently fully reconstructed as part of the major development of the Bloomberg European headquarters on Cannon Street. It is thought to be the most complete example of a Mithraic temple ever found and is certainly the most exciting Roman discovery in the UK, dating from around 250AD.

It was discovered in 1954 during excavations after the blitz. As the site was being redeveloped and the temple would have been disturbed by the new foundations, it was meticulously detailed and recorded by archaeologists before being dismantled.

It did have a brief revival in the 1960s but its reconstruction had little baring on the original design and was built about 100 metres away from its correct location and assembled in hard cement. In 2011, the 1960s version was again carefully dismantled and palletised before going into secure storage for a number of years. In 2018, the principal stone





contractor was awarded the task of faithfully reconstructing the temple ruins using the original archaeologist's notes of discovery and British Pathé film reels from the 1950s.

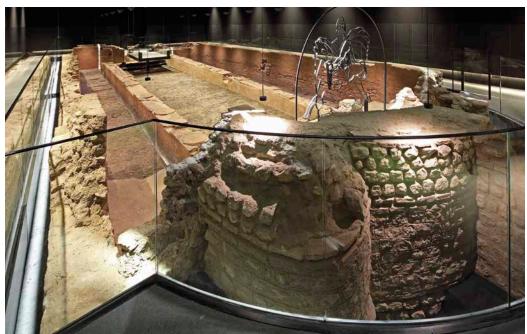
Now reinstated to its original location, in both orientation and level, it is a faithful facsimile of the discovery of the original ruins and is providing an amazing example of masonry from the Roman era and is open to the general public through the generosity of the Bloomberg Foundation. The Judges were impressed



with the monumental amount of sophisticated consultancy and contracting that were entered into in order to realise the project. They commented that the stone installation was of a high quality and noted



that the stratification mural carving and lettering were of an excellent crafted quality.









Leisure/Tourism - Páirc Uí Chaoimh PROJECT OF THE YEAR







Refurbishment/Retrofit/Fit Out - Baggot Plaza





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Commended: V & A Aston Webb Screen, London

Client Victoria & Albert Museum Architect Giles Quarme Associates Architect Amanda Levette Architects Main & Principal Stone Contractor PAYE Stonework & Restoration Ltd Stone Quarry Portland Stone Firms Ltd. Stone Supplier Ranco Stonemasonry Ltd Stone Used (1) Portland Perryfield Whitbed

Stone Used (2) Portland Perryfield Mid-Tier

THE Grade I listed Portland stone screen was designed by Sir Aston Webb and built in 1909 as an architectural device to hide the museum's Victorian boilers contained behind it. As such, the screen originally featured a solid wall facing Exhibition Road on the west side of the museum.

Award category: RECONSTRUCTION

As part of the major redevelopment at the



museum to implement the new courtyard and entrance scheme, the Aston Webb Screen was carefully dismantled in 2013 and taken offsite to be securely stored until it could be reinstated.

The project commenced with a detailed laser scan of the façade to allow every fine joint and fracture to be recorded and form the basis of the





design for the reconstruction, incorporating stones weighing in excess of 2 tonnes.

The judges were impressed with how the screen retained



its original character and the amount of existing material that was re-used. The new stonework is well matched and demonstrates a good choice of material.

Commended: Weston Library – Reinstated 17th Century Arched Gateway

Client Bodleian Libraries, University of Oxford Architect WilkinsonEyre Main Contractor Mace Group

Principal Stone Contractor Putney & Wood Ltd

OXFORD'S Weston Library, formerly the Bodleian Library, is a 1940s, Grade II listed building designed by Giles Gilbert Scott . It has undergone an £80m restoration and renovation programme to create additional storage for the library's collections. The newly refurbished library was opened by HRH The Duke of Cambridge in 2016.

The restoration element of the project included the reinstatement of the 17th century archway in the main reception. The arched gateway once stood



a few miles away at Ascott Park in South Oxfordshire. Having fallen into disrepair, the arch was acquired by the Victoria & Albert Museum in the early part of the 20th century. It has subsequently been leased to the library. The Judges noted that the stonework had been very carefully conserved and reassembled, taking care not to lose or add anything. They felt that it was a very impressive piece of work which adds greatly to the interior of the building.





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St. George, lvychurch Blind Tracery Window – Commended in Repair & Restoration Category



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Award Winner: York Minster Revealed – Restoration of the East Front

Client Chapter of York

Architect Arrol & Snell

Main & Principal Stone Contractor York Minster Works Department

Stone Supplier (1) Tadcaster Building Limestone Company

Stone Supplier (2) Sibelco UK

Stone Used (1) Highmoor Magnesian Limestone Stone Used (2) Warmsworth Magnesian Limestone

CONSTRUCTED in the 1360s, the defining feature of the East Front of York Minster is the magnificent Great East Window, with its intricate tracery providing a framework for the largest expanse of medieval stained glass in the country.

This was a complex repair and restoration project of the stonework and glass to the East Window of the Presbytery, which is a window of some considerable size and which took a number of years.



Each stone was drawn up and cleaned before a decision was made as to what was to happen to it. The replacement stone used was from a nearby quarry to the original stone so the match was particularly good.

The masons then cut and replaced the agreed stones and conserved the carved stone as necessary using two techniques, either quick-lime or nano-lime. The nano-lime work looked good and is mainly low down below the cill where it can be monitored. Only minor replacements were made to the head of the window. S P P

In jointing, no steel was used and dowels were formed by running lead in. This has worked well and allows slight extra movement. Joints were tight and even and the lines up mullions are straight and consistent.

Internally after cleaning, stone repairs were carried out





and cables were set across the window at high level to reinforce the structure and prevent suction outwards.

The Judges felt that this was an exceptional piece of work carried out over many years, with interdisciplinary cooperation, which has achieved a spectacular result.



Award Winner: Canterbury Cathedral – Great South Window & North West Transept

Client Dean & Chapter of Canterbury Cathedral

Architect Jonathan Deeming, Surveyor to the Fabric in partnership with Purcell LLP

Main & Principal Stone Contractor Canterbury Cathedral Works Department

Other Company Involved The Morton Partnership

Other Company Involved Canterbury Archaeology Trust

Other Company Involved Tobit Curteis Associates Stone Supplier (1)

Francepierre Poitou-Charantes SAS Stone Supplier (2)

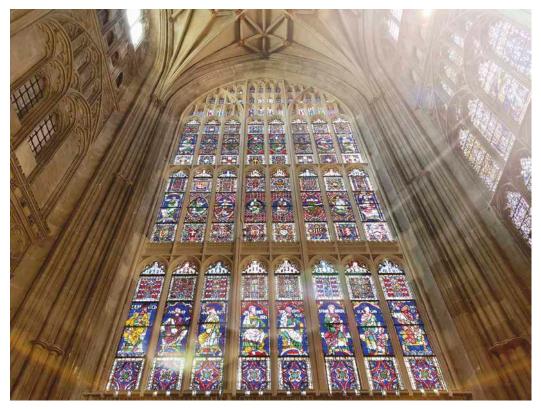
Pierre Heritage Stone Used (1) Caen Ferme Bed Stone Used (2)

Lavoux

PART of the historic Canterbury Cathedral and standing 55ft high and 24ft 9inches wide, the 1420s Great South Window holds precious mediaeval glass, including the 12th century 'Ancestors of Christ'. Between 2009 and 2013 an unparalleled programme of recording, research and development, real-time structural analysis and comprehensive detailed design secured the statutory consents required to completely dismantle the window. The physical conservation, repair and renewal of the stone frame that followed was completed in March 2017.

Sustainability was at the heart of the conservation ethos of 'as much as necessary but as little as possible'. Beyond conservation decisions on the fabric, prevailing awareness of 1,400 years of continuous change inspired the team to confidently tackle the structural and environmental issues that threatened to undermine this window's future.

Two beds of natural stone were employed for renewals. The mined Caen Ferme Bed limestone used for piecing



repairs to the tracery and jambs was tested to match the characteristics of surviving mediaeval fabric. The available bed depths do not exceed 300mm and therefore an alternative stone was required for the mullions and transoms of the lower windows. For this, Lavoux, a limestone sourced from an open-cast quarry near Poitier, has been employed. This pale limestone retains the warm colouring of Caen thanks to the burnt earth above the quarry, but is available in bed depths up to 900mm.

The Judges commented that the sheer scale of the operation, the number of disciplines involved, and degree of national interest are all factors in the uniqueness of this entry.







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