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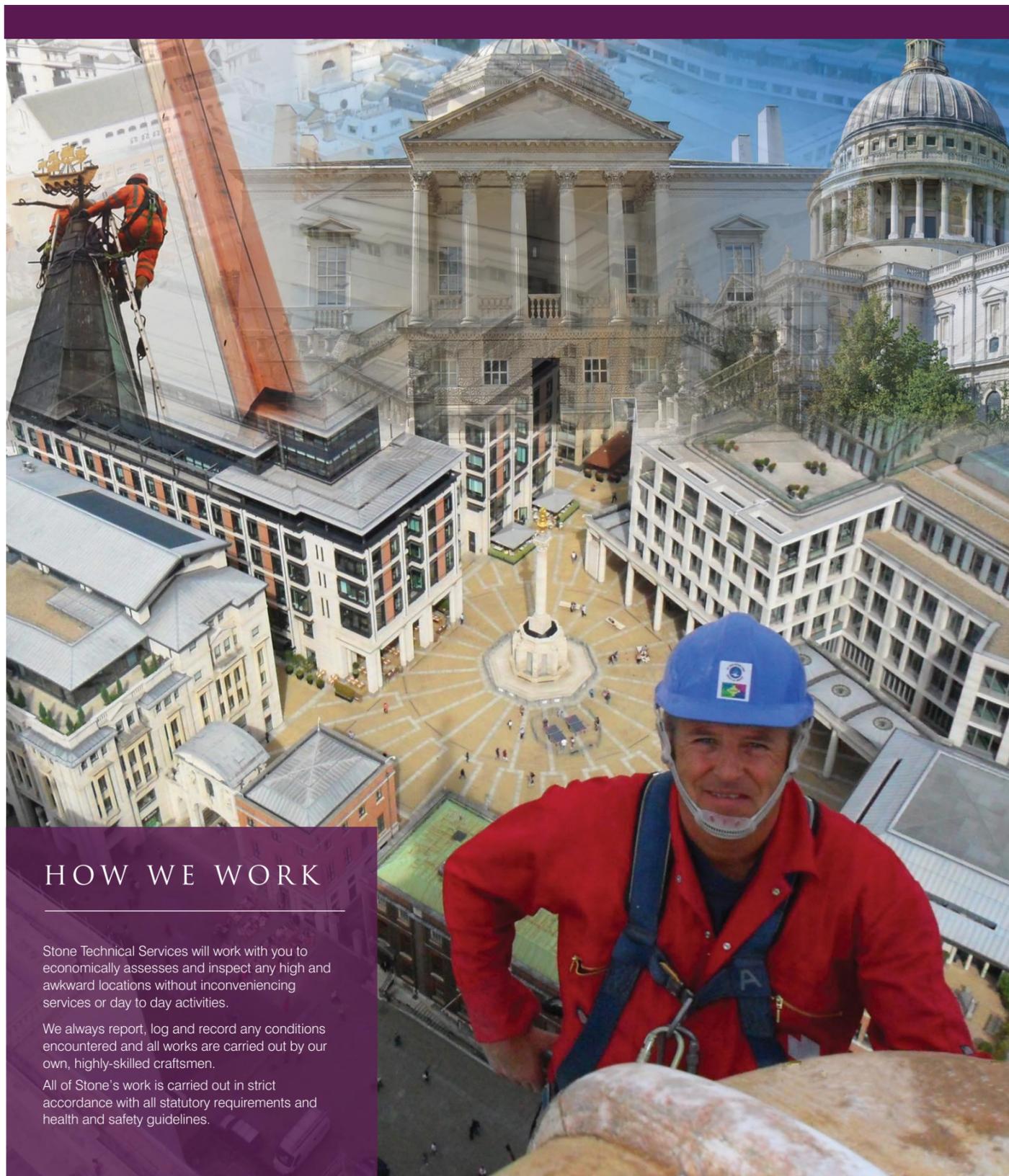
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## Your Building - Our Reputation



## HOW WE WORK

Stone Technical Services will work with you to economically assesses and inspect any high and awkward locations without inconveniencing services or day to day activities.

We always report, log and record any conditions encountered and all works are carried out by our own, highly-skilled craftsmen.

All of Stone's work is carried out in strict accordance with all statutory requirements and health and safety guidelines.

## WHAT WE DO - ECCLESIASTICAL SERVICES

### We offer a range of services, including:

- Steeple, spire and tower restoration
- Masonry and ironwork repairs and conservation
- Maintenance of weathervanes and rainwater systems
- Condition surveys to help with budget planning
- Rope access
- Vegetation control
- Ladder and rope access surveys of high structures, including video, CCTV and photographic presentation reports
- Design, installation and maintenance of fall arrest systems and access walkways and fixed ladders
- Design installation and maintenance of lightning conductor systems in line with BS EN 62305:2006 standards
- Make-safe repairs following weather damage
- Facilities management services including gutter cleaning, signage repair and installation and general repairs

### Who we are

As leaders in the field of ecclesiastical restoration, renovation, maintenance and conservation, Stone Technical Services works with some of UK's best known landmarks, churches and cathedrals from its North East headquarters.

Our experienced team provides efficient planning, effective design and sympathetic execution working in conjunction with architects, surveyors, facility services companies and DAC's on projects ranging from gutter cleaning to complete restoration projects.

Stone Technical Services has its own craftsmen who work on short and long term projects from inspection and condition surveys to the complete restoration of historic structures using traditional methods without inconveniencing clients, services or operations.

Stone Technical Services works closely with architects and organisations, such as English Heritage, the National Trust, British Waterways and local authorities, to allow detailed reports to be compiled for effective planning and to allow projects to be completed fuss-free and to deadlines.

## EXAMPLES OF OUR WORK

### Gibside Monument

Stone Technical Services' surveys division was engaged to complete a complex, detailed inspection of Gibside Monument near Gateshead. The National Trust-owned structure is located in the estate formerly home to the Queen Mother's family and dates back to the 18th Century. Stone provided a maintenance programme to help with the upkeep of the historical 140 meter feature and we also tested its lightning protection system. This was a high profile project for the team and featured on both the BBC and ITV!

### St Paul's Cathedral, London

Stone Technical Service is one of very few companies approved to work on the iconic St Paul's Cathedral as an officially-appointed contractor responsible for all structural and high level maintenance repairs and lightning conductor installation. Our specialist heritage engineers carry out a range of conservation works to ensure that St Paul's Cathedral remains one of the most treasured and visited attractions in the UK.

As part of an on-going relationship, the Clerk of Works at St Paul's requested that Stone's masons inspect the golden cross and dome, some 365 feet off the ground and one of the largest in the world. In addition, Stone's restoration team carried out the renewal of lightning protection conductors using specialist lead-burning tags to secure the new system.

And Stone's experts also help the Clerk of Works to plan for any future repairs, and therefore keep disruption to a minimum, by preparing a full digital condition report.

### St Mary's, Horden, County Durham

St Mary's Church, which dates back to 1911, is often known as the 'Miners' Cathedral' or the 'Cathedral of the Collieries' because of its location at the heart of a former mining community. Stone Technical Services team of skilled craftsmen completed a detailed and sensitive project for St Mary's Church in Horden, County Durham to re-make the cross on the upper tower, some 45 meters feet high. The original iron cross had fallen into severe disrepair so Stone's craftsmen erected specialist scaffolding to remove the cross which was then brought to our workshop on Kellaw Road in Darlington. Using traditional methods, so as not to further damage its delicate structure, our craftsmen have re-made the cross using a stainless steel solid frame which has then been covered in oak and copper clad to ensure it remains protected from the elements but also looks authentic. Stone's team of skilled heritage masons, accredited to the highest industry standards by the Construction Skills Certification Scheme, carry out all refurbishment and restoration projects by hand in line with the highest sector regulations.

### Merchant Taylors' Hall

An historic venue, with areas dating back to the 1300s. It's used for exclusive events and weddings but parts had fallen into severe disrepair and required preservation works. Working alongside Purcell

Miller Tritton, one of the UK's most prestigious architectural practices, our team refurbished 19th Century doors and windows and the decoration on the stained glass and redwood windows, installed new air-conditioning units, provided rope access to high-level areas and converted the existing glazed roof to protect it from weather and atmospheric damage.

### Lindisfarne, Northumberland

We have worked with the National Trust for a number of years at Lindisfarne, a popular tourist attraction in Northumberland, completing improvement and preservation works as well as a maintenance surveys. This helps the National Trust to plan for a budgeted program of works to cost effectively deal with the external envelope and masonry, which is built on whinstone rock.

### York Museum Trust and the National Trust, Yorkshire Region

Here we have completed detailed maintenance surveys and conservation masonry works for the York Museum Trust on: - York Castle Museum, York Museum Gardens, the Observatory and the ruins of St Mary's Abbey as well as vital clock tower refurbishments, structural stainless steel, lead sphere and decoration to York Museum Trust's iconic clock tower.

We have also carried out external maintenance work including annual masonry and roofing repairs and testing of lifeline systems for the National Trust-owned Beningbrough Hall and other Trust properties on Walkergate.

### Lumley Castle, Chester-le-Street-

Working alongside English Heritage, we assisted in the rebuild of Lumley Castle's central feature staircase and the restoration of the retaining walls to protect the historic terrace balcony from further wear and tear. Stone's masonry team worked to consolidate the castle's structure and to renew the sandstone steps. The project also restored the historic cast iron railings.

### Stumpy Tower, Girvan, Scotland

Stone has carried out a complete refurbishment and re-fit of the weather vane at Stumpy Tower in Girvan, which was originally built as a prison in 1827 and is now a Grade B listed building in the South Ayrshire town.

### St Patrick's, Pattrington

Here we carried out a range of high level spire repairs and the rebuilding and renewal of the specialised pinnacle. We also completed extensive repair work on St Patrick's following a much-publicised earthquake. Pattrington was close to the epicentre and the church suffered spire and pinnacle damage.

### Todmorden Town Hall

Grade 1-listed Todmorden Town Hall, located in a prominent position within the West Yorkshire town, is used for weddings and other community events. Time and weathering has taken its toll on the roof and masonry so Stone Technical Services, working with Calderdale Council, have completed a conservation project including replacement and patch repair of the sand-cast lead-roofing sheets and re-pointing to the masonry cornice at roof level. These works will prevent further water ingress and deterioration of the internal fabric.