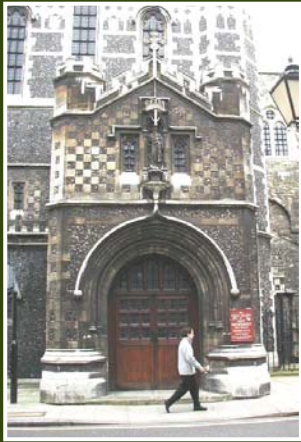




By appointment to
Her Majesty The Queen
Building Façade Restoration
and Conservation



St. Bartholomew the Great

PAYE Stonework were called in by Martin Ashley Architects to carry out cleaning and conservation work at the City of London's only remaining monastery church. Detailed surveys discovered that cracking had been caused by vibrations set up by many years of bell ringing.

St Bartholomew the Great, with its impressive Norman interior, nestles on the edge of busy Smithfield market and is hidden from view behind a 13th century gateway supporting a half timbered Elizabethan building. Cleaning and repairing the complex structure, with elements dating back to its original construction in 1123, was entrusted to the masonry specialists.

Structural engineers, Alan Baxter Associates, found that due to a build up of rust behind iron pattress plates attached to the tie bars which run through the tower, the restraint system originally intended to provide additional strength to the masonry was now deteriorating.

The repair work involved carefully removing the tie rods and pattress plates and replacing them with laser cut replicas, attached to new tie rods, which had to be threaded around bell frames and other obstacles. All new metalwork used was stainless steel.

PAYE completed its programme of cleaning and repairs as main contractor, on a building representing 800 years of different architectural styles with materials as varied as limestone, flint and brick.

- Cleaning
- Repair
- Conservation
- Extension
- Adaption
- Surveys
- Budgets
- Technical advice



PAYE

www.payestone.co.uk

Stationmasters House Mottingham Station Approach London SE9 4EL
Telephone 020 8857 9111 Fax 020 8857 9222
enquiries@payestone.co.uk