

# CASE STUDY – *St Paul's Cathedral, West Front*

- **Client:**

The Dean & Chapter St Paul's Cathedral

- **Architect:**

Purcell Miller Tritton

- **Quantity Surveyor:**

Bare Leaning & Bare

- **Surveyor of Fabric:**

Martin Stancliffe

- **Engineer:**

Alan Baxter & Associates

- **Principal Surveyor:**

Wates

- **Sub-contractor:**

Stonewest Limited

- **Value:** £1.1 Million

- **Date:** 2003-2004



## **Description**

Stonewest were appointed to carry out the cleaning and restoration works to the west elevation and steps of St Paul's Cathedral; the works were split into 2 phases.

## **The works involved:**

- Phase 1
  - Consisting of the cleaning and repair works to the Portland stone façade and twin towers.
  - For the cleaning works Hodge Clemco wet abrasive system was used.
  - Extensive recarving and indenting of embellishments.
- Phase 2
  - Comprising careful removal of west steps and landings and relaying on new foundations.
  - Concise recording of each itemised stone was required to ensure that the steps were re-laid in the original order to achieve the profile (entasis) and level following the line of the original Wren works.
- Works also included replacement of the landings in new marble and cleaning and repair of existing steps in specially sourced matching materials.
- Our working approach involved minimum intervention to the existing fabric to ensure the historic appearance was preserved.
- The scaffolding incorporated a barpole banner simulating the façade known to the visiting public and tourists.

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