



MASONRY RESTORATION - Terra Cotta Restoration

PROJECT – CHURCH OF SAINTS PETER AND PAUL

Description –Main Façade Restoration of Historic Cathedral San Francisco, CA

- Restoration Architect – Wiss Janney Elstner
- Prime Contractor – Giampolini Courtney
- Duration Fall 2002 through summer 2003
- Giampolini Contract Amount \$500,000
- Building Type: Concrete frame and infill walls with cast stone veneer.

Giampolini Project Scope

- Frame and plank scaffolding with safety netting.
- Clean cast stone façade.
- Repoint mortar joints as needed.
- Patch cast stone.
- Bird- proofing treatments.
- Install new cast stone façade to replace a temporary plaster treatment that had delaminated.
- A later phase included cleaning all interior wall and ceiling surfaces comprised of original paint stenciling, fresco painting, gilding, stone statuary, stained glass and marble Altars.

Unusual Challenges

- Masses were held throughout the project.
- Weekend weddings, up to three per day on busy Saturdays, were held every weekend.
- Funerals were a regular occurrence throughout the project. The project demanded a flexible schedule .

Matching New Cast Stone to Old

Approximately 20 different batches were created on the way to finding the perfect matches for the new cast stone pieces. Three different colors were selected by the construction team, and a computer derived random blend was specified. Every piece was made to order for its special place on the façade.

Manufacture of Cast Stone Architectural Facades Ltd. was selected to make the pieces. The production was carefully supervised and special curing was required to assure pieces were of the highest quality available.

Installation Of Cast Stone

Pieces were delivered to the site, hoisted to their level and carefully installed by Giampolini masons.

Other Work

Cleaning, waterproof coating at horizontal surfaces, sealants

Bird- proofing Working closely with Hot Foot Inc. A bird deterrent system was designed and installed on the building. Washing Square Park across the street is a popular gathering spot for the local pigeon population. The perches at the Church were too big a temptation.

