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PROJECT PROFILE

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Chelsea City Hall - Chelsea, MA Phases I & II

Tower restoration including structural assessment, repointing and replacement of the building's original terracotta elements with new precast elements

OWNER: City of Chelsea, MA

ENGINEER: Wiss, Janney and Elstner

DESCRIPTION:

In the summer of 2008, Contracting Specialists Inc was awarded **Phase II** of the Chelsea Hall Historical restoration. This followed the **Phase I** restoration by CSI, in which the repairs dealt exclusively with the bell tower and entailed the removal of a significant number of deteriorated terra cotta pieces and replacement with precast stone, plus routing and sealing of all joints in the tower façade and subsequent coating of the existing terra cotta and new precast stone.

Other work in phase I included repair of the internal wood staircase, metal flashing repairs to the dome followed by a full gold leaf application, Bird netting to all clock tower openings and remedial work to the clock faces at each elevation.

The Phase II work concentrated on repairs to the slate roof and gutter system over the main building with extensive work being undertaken to the terra cotta cornice band, dentils and trim below the gutter line. Many of the terra cotta elements had loosened and dislodged over time principally due to corrosion of embedded metal supports.

The extent of the work in these areas involved resetting, repointing, installing helical stabilization anchors, replacement of defective units with GFRP and repair of spalled areas with Conproco mimic.



Since 1996, **Contracting Specialists Incorporated** has steadily emerged as a leader in specialty construction, providing clients with proven and innovative solutions for concrete restoration, masonry restoration and waterproofing. Visit www.contractingspecialists.com

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