



PROJECT PROFILE

Structural Engineer:
Klepper, Hahn & Hyatt

Project Architect:
*Toby Nadel Architect
A.I.A.*

Mason Contractor:
Viau Masonry

Construction Cost:
\$600,000

Owner:
*Colgate University
Hamilton, New York*

Completion Date:
2003

COLGATE UNIVERSITY - EAST & WEST HALL FACADE RESTORATION



Southeast Facade of East Hall

SCOPE OF WORK

East Hall and West Hall are among the oldest buildings on the Colgate University campus, constructed circa 1833 and 1827, respectively. The historic nature of this campus is a great part of its unique appeal and self-identity. In addition to aesthetics, there were safety considerations for these buildings. The poor condition of the parapet walls made them susceptible to collapse in high winds.

High strength Portland cement pointing mortar in these facades had cracked, allowing water infiltration into the 30-inch-thick stone walls. Freeze/thaw action had opened up large cracks in the walls and pushed out much of the Portland mortar. We determined the hard Portland mortar was not compatible with the soft, original lime putty mortar and quality of stone used in the construction.

This restoration used St. Astier NHL 3.5 (natural hydraulic lime) mortar and salvaged as much of the original stonework as feasible, to facilitate the blend between original construction and restoration. The project for both buildings entailed the dismantling and rebuilding of 20-inch-thick, parapet gable walls, and the repointing of stonework wherever necessary.



Southwest Facade of West Hall