

Brown School Peabody, MA

Combining Old School Appearance with New School Efficiencies

VISION: The architect, ICON Architecture, needed a specific window design to maintain the historical integrity of the 1912 constructed brick building and recapture the traditional aesthetics of the existing windows that were original to the Brown School. Converted to condos, the building's windows were inefficient, hard to operate and in need of significantly improved structural performance features – particularly appreciated by the building's tenants.

CHALLENGE: Stergis was challenged to design a highly efficient aluminum commercial window that would replace the building's 168 existing windows and meet guidelines set forth by the historic society. In addition, Stergis needed to design and install 12 arch-shaped windows for the building as well as seven storefronts and strategically coordinate deliveries with Callahan Construction in order to keep the project on schedule.

SOLUTION: Stergis designed a custom, heavy insulated aluminum window with simulated divided lites that complemented the historical look of the building, while replicating traditional profiles with pre-applied historic casings and paints to match the original. Once the window design was approved by the architect, Stergis built a test unit to the size and specifications required. Stergis was able to achieve an HC 50 rating unit that exceeded thermal and structural standards set forth by the architect, while matching the timeless architectural appearance of the building.

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Architect: ICON Architecture – Boston, MA

Builder: Callahan Construction – West Bridgewater, MA

Completion Date: May 2007

Units and Applications: Aluminum 800 Series commercial with simulated divided lites, applied grids and aluminum storefronts.

