

Brown School

Peabody, MA

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.

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 Callaghan 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.

Reward: Since 1962, Stergis has provided Architects and Builders with a wide variety of replacement, new construction and light commercial products to meet virtually any design/build needs. If you can draw it, we can make it. Our innovative products are industry leading in quality and performance, offering you unlimited design and size options, color palettes and exceptional value that are unmatched in today's market. At Stergis, we understand the needs of the building professional and strive to meet guidelines set forth for your individual projects, whether you are looking for aesthetics, environmental benefits or performance ratings. Having the shortest lead time and fastest turnaround in the region on all orders, building professionals can rest assured Stergis will meet their project schedules. All of our products meet or exceed building codes and are backed with an industry leading warranty, ensuring you combined quality and performance for a lifetime.