

## THE RESTORATION OF BROOKLYN NAVY YARD ADMIRAL'S ROW BUILDING B

**Developer:** Steiner NYC  
**Architect:** Thomas A. Fenniman Architect  
**Contractor:** Nicholson & Galloway



Figure 2. Building B, before restoration

Admiral's Row was once a row of ten homes built between 1864 and 1901 as naval officers' residences. Since their abandonment in the 1970's, the buildings suffered varying degrees of deterioration, [some to the point of collapse](#). Though preservationists advocated for retention of the row's buildings, the plan approved

redevelopment of the site in 2015 focused on restoration of Quarters B. The rest of the buildings were demolished to clear the way for development of a commercial and industrial complex to be anchored by a Wegman's supermarket.



Figure 1. Restoration nears completion, Fall 2019



Edison Coatings became involved in the restoration of Building B early on, assisting with analyses of original materials and in material selection for repointing, rebuilding and injection grouting. While the original materials were determined to be lime-based, a combination of performance and environmental constraints, including the need to continue work through colder weather conditions than would be conducive to use of lime-based materials, led to selection of [BioLime® Natural Hydraulic Lime NHL 3.5](#) as the primary binder for mortar and grout. Some formulations were further modified with [Translantic Natural Cement](#) to facilitate cold-weather installation. [Rosendale 14S Stucco](#) and [Rosendale 15W whitewash](#)

Figure 3. Exposed wall section, revealing poor condition of original assembly

were also used.

Although the original plan was to consolidate the wall by injection-grouting with BioFlow 35 and repointing with BioMix 35, once work began it became evident that at least the outer wythe was in such poor condition that it required rebuilding.



Figure 4. Large sections of the outer wythe were removed and rebuilt.



Figure 5. Construction began in late 2018



Figure 6. Parapet wall rebuilding in progress using custom-matched BioMix 35