

Property History

The New Haven County Courthouse is located in the Downtown of New Haven, Connecticut and opened in 1914. Modeled after St. George's Hall in Liverpool, England, the courthouse was designed by New Haven architects William Allen and Richard Williams. The building was added to the National Register of Historic Places on May 16, 2003.

Project Description

The project scope required Grand Light completely restore two (65" h x 30" w) exterior bronze lanterns and six (8' h x 36" w) exterior bronze doors including forty-five decorative trim panels at its Seymour, Connecticut facility. In addition, two large bronze main entry doors (27' h x 16' w), transom panels, and windows were restored on-site by the Grand Light team.

The refinishing of the bronze doors, panels, windows, and lanterns involved discovery of the original finish, replication recipes, surface preparation via cleaning and media blasting of the bronze surface, hot application of a statuary bronze patina, multiple layers of a custom red rust patina applied at temperatures of 180-200° F, and multiple applications of a protective lacquer. The repair of the doors involved bronze welding of previously drilled holes, and creating a smooth uniform surface for patination. All decorative bronze detailing, including edges and ornamental rosettes, were meticulously hand burnished by Grand Light artisans to highlight and expose underlying bronze accents. The restoration of the exterior lanterns included refinishing all components, replacement of all electrical components, replicated slumped glass panels, rewiring with UL listed components, and HIPOT testing in accordance with UL 1598 standards.

The massive bronze entry surface preparation and refinishing work was performed entirely on-site. Additionally this work was to be performed on weekends with the scaffolding and containment curtains removed prior to 8:00 AM Monday mornings. Grand Light planned, mobilized and executed this on-site work with a team of ten artisans in only five days. (2 day and 3 day weekend) This on-site work was approved without exception within twenty-four hours of completion.

Client

State of Connecticut

Client Project Managers

Scott Ewen, Kronenberger & Sons Restoration
Roy Olsen, JCJ Architecture
Ricardo Viera, BCA New York

Date Awarded

2013

Completion Date

2015

Project Webpage

<https://grandlight.com/portfolio/new-haven-courthouse/>

Awards

Connecticut Trust for Historic Preservation Merit Award 2017

