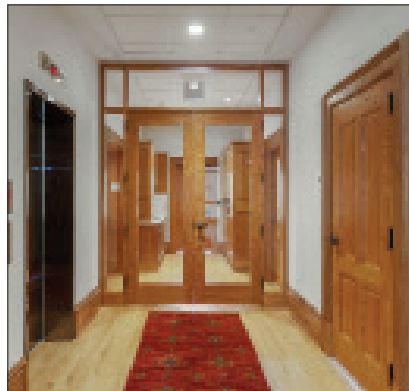




## ACADEMIC/EDUCATION



PRINCETON  
UNIVERSITY



LEHIGH  
UNIVERSITY



*The*  
LAWRENCEVILLE  
SCHOOL



Bottom photo was provided courtesy of Shepley Bulfinch.



Penn  
UNIVERSITY of PENNSYLVANIA



## CASE STUDY

### Dodge Hall Renovations Princeton University, Princeton, NJ



Dodge Hall was built in 1900, and is a center for religious activities on Princeton University's campus. Our project at Dodge Hall included exterior and interior renovations involving fire code compliance, ADA upgrades, card access installation, and all new MEP systems. The focus of the project was completing the work in a timely manner while maintaining the historic character of the building. The work was completed within an established 10-month schedule.



The exterior project scope included construction of an elevator override penthouse, installation of a flat seam copper roof, repairs to the existing slate roof, parging and waterproofing of existing exterior walls, a new rear entry areaway to the basement, new mechanical areaways, and new utilities to the building.

Included in the interior scope of the work was construction of a new second means of egress stair, a new elevator, digging out and underpinning the basement level, creation of new accessible restrooms, reconfiguration of office spaces, new finishes, millwork, and the new MEP systems.

OWNER: Princeton University  
 ARCHITECT: Gittings Associates, PC



Construction Management



Historic Restoration

## CASE STUDY

### Lehigh University Card Access Bethlehem, PA



The first phase of the new card access system installation at Lehigh University in Bethlehem, Pennsylvania included 19 academic buildings on campus. Work on the 190 door openings in these buildings consisted of repair and replacement of existing doors, frames, and hardware. It also included furnishing and installing the security system including all cable, accessories, panels and devices required to provide a fully operational and functional system. Installation of the infrastructure and work on the door openings were completed while the buildings were occupied.

Massimino Building Corp has also completed the card access system installation for 163 door openings in twenty-seven of Lehigh's residential buildings over the course of three phases.

We are currently working on a fourth phase of the card access installation, which includes 132 door openings. Our work is being completed while maintaining the integrity of the University buildings' security and with no disturbance to the campus community.

OWNER: Lehigh University  
 ARCHITECT: Nalls Architecture (Academic Phase)



Construction Management



Renovation



## CASE STUDY

### Firestone Library Phases 2A-6 Renovation (400,000 SF)

Princeton University  
Princeton, NJ



Firestone Library, constructed in 1948, is the premier library at Princeton University. Massimino Building Corp began the phased renovation in 2011 and are on schedule for a 2018 completion. The building currently holds over 5 million volumes of books and is one of the largest open book stack libraries in the country.

This phased renovation included new Rare Book and Special Collections vault space and reading room with dedicated HVAC and fire protection systems. The installation of a state of the art voice activated fire alarm system, fire protection system, and multiple wayfinding strategies were the original guiding principles of the project.

In addition, reader spaces, student carrels, graduate study rooms, and the creation of multiple signature spaces, including a rare book exhibit room, were a priority in the design.

Site safety, temporary protection and egress planning were of the utmost importance as Firestone Library remained open during the construction.



Construction Management



Renovation

OWNER: Princeton University  
ARCHITECT: Shepley, Bulfinch/Frederick Fisher & Partners

## CASE STUDY

### IAS Short Term Academic Housing The Institute For Advanced Study Princeton, NJ



The Short Term Academic Housing project at The Institute for Advanced Study in Princeton, New Jersey consisted of 3 new residential buildings, containing nineteen one-bed-room units designed to accommodate academic short term guests to the campus. Each living unit is approximately 580 square feet and consists of a living room, bedroom, bathroom, and open kitchen/entry area. The goal of the project was to design and construct buildings that incorporated the same exterior architectural features as the existing housing on campus, while using building techniques that promote energy efficiency. This project achieved the goal of a LEED Silver designation.



OWNER: The Institute for Advanced Study  
ARCHITECT: HMR Architects



Construction Management



New Construction/Additions

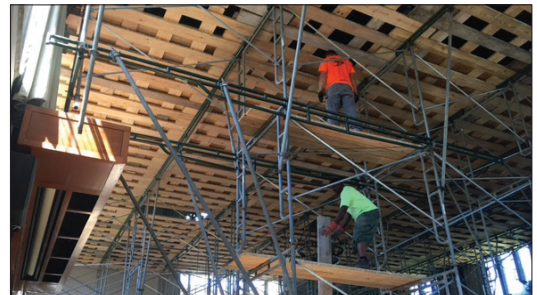
## CASE STUDY

### Princeton University Firecode Upgrades Princeton, NJ



In 2009, Massimino Building Corp began the first phases of work to complete fire code upgrades at Princeton University. Since then we have updated the life safety systems in approximately 180 campus buildings as part of an eleven-phase, \$40 million project. New systems were installed in both academic and residential buildings.

The project scope includes installation of updated fire suppression and fire alarm systems, installation of interior and exterior emergency exit lighting, fire shutters, handrails, egress alterations, signage, and the repair or replacement of doors, frames, and hardware. An important element of this work has been installing these important systems without compromising the historic architectural integrity of many of the University's landmark buildings, including the Chapel, Alexander Hall, McCosh Hall and the Graduate College.



OWNER: Princeton University  
ARCHITECT: Gittings Associates, PC

-  Construction Management
-  Renovation
-  Historic Renovation
-  Fast Track Construction

# CASE STUDY

## Brown Hall Renovation Princeton University Princeton, NJ

The renovation of Brown Hall included a major structural intervention in the building which included an addition of a pedestrian portal through the south elevation of the building allowing access/egress and views to the buildings existing courtyard. This included the needling, shoring, and removal of a 24 inch bearing wall that was located directly in the center of the new portal location. The exterior stone was removed, hand tooled on site and reinstalled to form the new portal arch. Additional structural work included the removal and replacement of the floor structure in two core bathrooms and the complete re-construction of new toilet rooms, lighting and HVAC systems.



OWNER: Princeton University  
ARCHITECT: Atkin, Olshin, & Schade Architects



Construction Management



Historic Restoration



## CASE STUDY

### Fine Hall Renovation

Princeton University, Princeton, NJ



Fine Hall is a fourteen story office/classroom building located on the Princeton University campus. Our project scope was centered around life safety upgrades to the fire alarm and fire suppression systems throughout the building. Associated work included selective demolition, acoustic ceiling replacement, new lighting, wood flooring and carpet replacement. Minor work included mechanical system modifications and upgrades, new toilet partitions and accessories, and new signage.



Intensive preconstruction was undertaken in conjunction with the project architects, engineers and university staff which allowed for this substantial renovation to be completed in three months. The building remained occupied and full functional during this summer renovation, so particular care was devoted to project phasing, security and temporary protection, in order to allow the staff to function without interruption.

-  Construction Management
-  Renovation
-  Fast Track Construction

OWNER: Princeton University  
 ARCHITECT: Gittings Associates, P.C.



## CASE STUDY

### Nassau Hall - Cupola Renovation Princeton University, Princeton, NJ

Opened on November 28th, 1756, Nassau Hall is a Princeton University and national landmark. Originally intended to house all college functions, today Nassau Hall is an administrative building. During the renovation by Massimino Building Corp, the entire slate roof and all the copper gutters were replaced, and snow guards were added. All copper cladding was removed from the cupola to allow for the structure of the cupola to be restored and repainted. After repair work was completed, all new decorative copper was installed and the weather vane was restored. The cupola's four clocks were also replaced during the reconstruction. The building, which houses the offices of the top administrators and President of the University, remained occupied throughout construction, so utmost care was taken to avoid disruption to the building occupants while protecting the safety of passerby below.



\*Photo credit Jenna Fagan Mills + Schnoering Architect



OWNER: Princeton University  
ARCHITECT: Mills + Schnoering



Construction Management



Historic Restoration



## CASE STUDY

### Lawrenceville School Dormitory Renovations

Lawrenceville, NJ



This multi-phased renovation program was completed over four summers. The work consisted of restoration of the common spaces in each of the five 19th century Peabody and Stearns ‘Houses’, major demolition, installation of new mechanical, electrical and fire suppression systems, and renewed architectural features including new windows, hardwood flooring, millwork and wall finishes. The scope of work also included renovation and expansion of the eleven housemaster apartments in the buildings, including new kitchens and bathrooms and architectural finishes. Extensive planning and preordering of equipment was necessary in order to complete the work outside of the normal school calendar.



-  Construction Management
-  Renovation
-  Historic Renovation
-  Fast Track Construction

OWNER: The Lawrenceville School  
 ARCHITECT: Ford Farewell Mills and Gatch Hillier Architecture

## CASE STUDY

### University Store to Career Services

Princeton University, Princeton, NJ



Princeton University relocated their Career Services Department to the second and third floors of the existing University Store building. This 20,000 square foot renovation was completed in a 13 week summer schedule at a cost of \$6,000,000. The conversion included new rooftop HVAC units, multiple skylight installations, along with the replacement of the roof and all windows. The interior work included the construction of multiple offices, interview rooms, a toilet core, and an open meeting space. Cherry wood panels and glass conference room partitions and doors were included in the design. The schedule, as well as the quality of the finish product, was very important to the users and detailed coordination and schedule management was required. The first floor of the U-Store remained open during the construction, so the ability to control the site and maintain project safety remained a priority.



OWNER: Princeton University  
 ARCHITECT: FMG Architects



Construction Management



Renovation



Fast Track Construction



## CASE STUDY

### FRES Mod VII Roof Replacement University of Pennsylvania, Philadelphia, PA



Massimino Building Corp completed the replacement of the existing built-up roof at the MOD VII Chiller Building during the summer and fall of 2018. This project included the removal of 36,500 sf of existing roofing and the installation of a new Siplast roofing system. All flashing, coping, fall protection, lightning protection, and roof walk pads were replaced. The flashing work was very extensive and included twelve (12) Air Handling Units, thirteen (13) exhaust fans, as well as multiple large pipe penetrations. The project was completed while the Chiller Building was occupied so the coordination with the Plant Staff and the care for the safety of the building users was of the utmost importance.



General Contracting



Fast Track Construction

OWNER: University of Pennsylvania  
ARCHITECT: Levine and Company

## CASE STUDY

PSoM Goddard 6th Fl. HVAC Improvements  
University of Pennsylvania, Philadelphia, PA

Interior improvements to the 6th floor of the Goddard Building included the installation of interior storm windows, HVAC modifications, and painting. The HVAC modifications were geared towards improving airflow and temperature consistency throughout the floor. HVAC modifications included ductwork revisions, installation of transfer grilles into existing office spaces, and an all new Siemens control system. All work was completed after hours.



Construction Management

OWNER: The University of Pennsylvania  
ARCHITECT: Atkin, Olshin, & Schade Architects

