

SAMPLING

AVALON AT HATHORNE HILL - KIRKBRIDE BUILDING, DANVERS, MASSACHUSETTS
This project consists of extensive rehabilitation of the historic Kirkbride Building. As the centerpiece to the overall community, the Kirkbride Building will provide a health club, outdoor swimming pool, common lounge, and a half-sized basketball court.

AVALON AT LEXINGTON HILLS, LEXINGTON, MASSACHUSETTS
This project consists of the redevelopment of the former Metropolitan State Hospital into an apartment community. The development will include multiple new and rehabilitated buildings with a broad range of unit types. The master plan emphasizes the preservation of important historic elements, including the overall campus plan, mature landscapes, key buildings, and the hospital courtyard.

AYER PUBLIC LIBRARY, AYER, MASSACHUSETTS
Structural design for a 13,000 square foot addition to the town's original historic library. This 1890's library, designed by Alexander Jenny, required heavy timber roof framing, steel-concrete composite framed floors and a conventional cast-in-place foundation to combine the old and new elements and to more than triple the size of the library. New structural systems are typically cast-in-place concrete, steel and heavy wood timber framing and trusses.

**BOSTON MEDICAL CENTER'S SURGICAL BUILDING
85 EAST CONCORD STREET, BOSTON, MASSACHUSETTS**
Renovation and restoration of this ten-story 65,000 square foot building known as the Surgical Building. This hospital facility was converted into the main office facility for Boston Medical Center. Work included the demolition of an existing 1-story appendage and reconstruction of a new entrance lobby structure. Structural repairs to the masonry façade and balconies.

BOSTON UNIVERSITY - TALBOT BUILDING, BOSTON, MASSACHUSETTS
An 1876 brick and wood building, which was changed from a homeopathic medicine hospital to offices for Boston University's School of Public Health. The building was strengthened and modernized. Due to the age of the original structure, the investigation of existing conditions presented challenges in examining the structure and upgrading it to current Building Code standards.



Boston University's Talbot Building - Boston, Massachusetts
Photo by Peter Vanderwarker

BRANDEIS UNIVERSITY - USEN TOWER, WALTHAM, MASSACHUSETTS
Restoration of a 19th century historical ornamental 8 foot diameter by 50 foot high stone masonry tower structure. Involved design of steel framing and replacement of all stone work.

BROCKTON PUBLIC LIBRARY, BROCKTON, MASSACHUSETTS
Renovation and expansion of the town's library which was originally built in 1913. The renovation and expansion was necessary to accommodate the needs of the town's residents and today's technology.

CANTON PUBLIC LIBRARY, CANTON, MASSACHUSETTS
Expansion of this historical library nearly doubled its size and the addition remains sympathetic to the existing 17,200 square foot building. Although the original front entrance is retained, the design centers on a new entrance arcade at the south side of the building, incorporating a ramp to the accessible main entrance. Schematic design was developed to comply with the Americans with Disabilities Act, and the Massachusetts Architectural Access Board.



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COURT SQUARE PRESS BUILDING - SOUTH BOSTON, MASSACHUSETTS

Multiple Chapter 34 structural evaluations have been performed for both the potential owners and the present owners. Ultimately, this building involved renovations, change of use and additions to the turn-of-the century Type 3 construction printing press building. The building is now being erected and marketed as market-rate condominiums.

GOVERNMENT CENTER - BATAVIA, ILLINOIS

A complete renovation and expansion of an existing nineteenth century building for city hall offices and public safety (police, ambulance) functions. New structural systems are typically cast-in-place and prestressed concrete, steel and wood.

GOVERNMENT OFFICES - HINGHAM, MASSACHUSETTS

An existing unoccupied school facility that was converted and expanded to collectively house the various town government functions including town hall, police, maintenance and a senior center. New structural systems are typically cast-in-place concrete, steel and wood.

LEVENTHAL-SIDMAN JEWISH COMMUNITY CENTER - CLOCK TOWER NEWTON, MASSACHUSETTS

Structural condition survey of the historic clock tower, including structural inspection of the masonry facade, roof and floor structures. Provided report with our findings and repair recommendations. Produced a full set of Construction Documents.

LIBRARY LOFTS - CHELSEA, MASSACHUSETTS

A Chapter 34 structural evaluation was performed to determine the reuse of the existing three (3) story mill building typical for this area of Massachusetts into new residential units. There are two portions to the structure – an east and west half. They are connected by a three (3) story corridor of similar construction. Between the buildings there is also a one (1) story loading dock, and to the east of the building, there is an attached one (1) story structure. The focus of our report was on the three (3) story portions of the buildings, which are the areas that are proposed for renovation. The exterior wall construction consists of unreinforced masonry bearing walls. The majority of the interior framing is wood columns and brick piers, wood beams, and wood floor decking.

LYNN DISTRICT COURTHOUSE - LYNN, MASSACHUSETTS

Design of the original facility in the 1970's and the recent renovations for security, holding facilities and ADA/ABB compliance. New structural systems are typically cast-in-place concrete and masonry.

MATCH SCHOOL (MEDIA & TECHNOLOGY CHARTER HS) - BOSTON, MASSACHUSETTS

The existing building is a three story concrete frame structure with a partial basement. The building was constructed in the early part of the 20th century. The building was previously occupied by an auto parts store and warehouse. Based on the change of use, the MSBC 6th Edition required the building to be upgraded to meet the current requirements for lateral load resistance - wind and seismic. Additionally, new foundation work was completed at two entrances to provide ADA compliance.

MIDDLEBOROUGH JUNIOR HIGH SCHOOL - MIDDLEBOROUGH, MASSACHUSETTS

A reuse study was performed to determine the condition of the building and determine alternative uses for the building. The town proposed to use the building for special school programs and also school administration offices.



MATCH School - Boston, Massachusetts



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NORTHAMPTON DISTRICT COURTHOUSE - NORTHAMPTON, MASSACHUSETTS
General renovations throughout the building and specific renovations for security, holding facilities and ADA/ABB compliance. New structural systems are typically cast-in-place concrete and masonry.

PARKER MIDDLE SCHOOL - READING, MASSACHUSETTS
To expand the school, the existing classroom wings were demolished and the original ornate auditorium was saved and rehabilitated. New classroom wings, administrative offices and a gymnasium were added. New structural systems are typically cast-in-place concrete, steel and wood.
(2000 Council of Educational Facility Planners International Exhibition of School Architecture)
(1999 National Board Association Exhibition of School Architecture)

ST. JOHN OF GOD HOSPITAL
This multi building project includes two completely new buildings and rehabilitation of three existing buildings. The new assisted living facility and condominium buildings are 5 stories of concrete block and precast hollow core plank with structural steel framed roofs and lightgauge metal mansard roofs and dormers. The condominium building has a subgrade parking garage using composite steel girders and slab to support the block and plank building above. Both older existing buildings were structurally retrofitted in accordance with the Massachusetts State Building Code, Sixth Edition, Chapter 34. The final building built in the early 80's is being converted from a hospital to a staffed nursing facility with only small structural additions.

UNITED STATES POSTAL SERVICE ASTOR CARRIER ANNEX - BOSTON, MASSACHUSETTS
Complete renovation of a 2-story concrete framed building originally designed as a car dealership. Structural work included support of new masonry veneer, second floor structural modifications for support of USPS vehicles, new elevators and construction of a loading dock.

UNITED STATES POSTAL SERVICE - STONEHAM, MASSACHUSETTS
Additions and renovations to the existing undersized Stoneham USPS. The addition included a 2,500 square foot one-story work area off the rear of the original building and construction of a new loading dock. Renovations included 3 new large openings through the brick masonry bearing walls to the new space. New structure systems are typically cast-in-place concrete and steel.

WELLESLEY COLLEGE - FOUNDERS HALL - WELLESLEY, MASSACHUSETTS
Renovations to this building which was constructed in 1918. The building consisted of 17 classrooms and 102 offices. Renovations were needed to increase classroom space to prevent overcrowding.

WELLESLEY COLLEGE - PENDLETON HALL - WELLESLEY, MASSACHUSETTS
Design development completed for interior renovations to this classroom building. Renovations consisting of existing interior column removal, new elevator, and floor infill framing with updated mechanical systems and access compliance.

WELLESLEY COLLEGE - STONE DAVIS HALL - WELLESLEY, MASSACHUSETTS
Renovation of student dormitory and kitchen/servery. New elevators, entry, bathrooms, and room finishes. Renovation work included structural, mechanical, electrical, plumbing, telephone, and data services.



Wellesley College - Founder's Hall - Wellesley, Massachusetts