

"GREEN" PROJECTS

SAMPLING



MATCH School
Boston, Massachusetts



yooD4 Condominiums
Boston, Massachusetts



Hopkinton High School
Hopkinton, Massachusetts

BOSTON SCIENTIFIC CORPORATION

100 FAIRBANKS BOULEVARD, MARLBOROUGH, MASSACHUSETTS

Three existing multi-story steel framed buildings on campus-type grounds with enclosed linked walkways. Proposed renovations include adapting the existing facility for new executive offices, laboratory research, and manufacturing. Structural renovations addressed new mechanical systems consisting of roof reinforcing for HVAC equipment, relocation and addition of chilled water equipment, emergency generators, and processed piping support. Structural design required review of existing facilities documents. Design of new support elements and creation of new floor and roof openings for the revised mechanical systems.

MATCH SCHOOL (MEDIA & TECHNOLOGY CHARTER HS)

BOSTON, MASSACHUSETTS

The newly formed Media & Technology Charter High School began its curriculum in September of 2002. The facility is located in a renovated structure in Boston, MA. 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 the lateral load resistance - wind and seismic. Additionally, supplemental steel framing was interfaced with the existing concrete structure to accommodate a new and an enlarged stair well and a new elevator. Additionally, new foundation work associated was completed at two entrances to provide ADA compliance. The total construction cost was in excess of four million dollars. Structural retrofit work accounted for approximately three hundred thousand dollars of the cost.

NEIGHBORHOOD HOUSE CHARTER SCHOOL, DORCHESTER, MASSACHUSETTS

Renovation of two existing 1920's concrete wings, including live load reinforcing of a cafeteria and media center, as well as the design and construction of a lateral load resisting system for both wings. The renovation includes various existing opening infills as well as analysis and design of new structure to support proposed openings. A new three story classroom wing is also being designed and constructed to create new classroom space.

FIRST AND FIRST TOWNHOUSES, BOSTON, MASSACHUSETTS

New construction of 22 town houses built vertically, consisting of stacking bedrooms on top of living space on top of parking.

HOPKINTON HIGH SCHOOL, HOPKINTON, MASSACHUSETTS

Provided structural design, construction administration and structural tests and inspections administration services for this 3-story 189,000 square foot new high school. Construction administration services included review of shop drawings, site observations, and field coordination with the Contractor's and Owner's representative.

PEMBROKE HIGH SCHOOL, PEMBROKE, MASSACHUSETTS

Provided structural design, construction administration and structural tests and inspections administration services for the Town's high school.

YOOD4, BOSTON, MASSACHUSETTS

Redevelopment of the existing 30,000 square foot former police station consisting of a four-story brick building which was completed in 1932 and sits on a 13,072 square foot lot with an underground parking garage. The redevelopment will provide luxury condominiums for the South End area. The Architectural Team, Inc. is implementing French architect Phillipe Starck's design.



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