

# MEDIA & TECHNOLOGY CHARTER HIGH SCHOOL BOSTON, MASSACHUSETTS

"Green Project"

- OWNER  
Trustees of the Match School Foundation, Inc.
- ARCHITECT  
HMFH Architects, Inc.
- CONSTRUCTION COST  
\$4,000,000
- GENERAL CONTRACTOR  
A.J. Martini

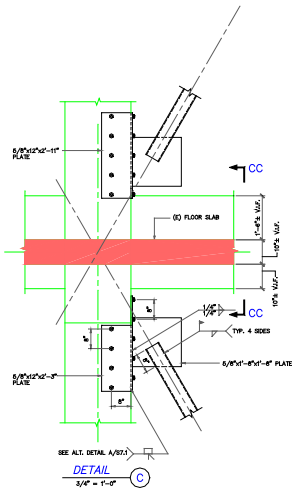


## PROJECT DESCRIPTION

Additions and renovations to the existing building which was built in 1917 and is a 3-story concrete framed structure with a partial basement. The building was previously occupied by an auto parts store and warehouse.

Based on the change of use, a Chapter 34 structural evaluation was necessary as required by the Massachusetts State Building Code, 6th Edition. Subsequently, the structure was upgraded to meet the current requirements for the lateral load resistance, both wind and seismic. To accommodate a new enlarged stair well and a new elevator, supplemental steel framing was interfaced with the existing concrete structure. Additional structural work included support of new roof top mechanical equipment, stabilizing and bracing of the existing parapets, and restoration of building envelope. In addition, new foundation work associated with the framing was completed at two entrances to provide ADA compliance.

This project received the 2002 Boston Preservation Alliance Achievement Award and a Design Citation was given as part of the 2002 Awards for Innovative Learning Environments from School Construction News & Design Share (an international forum of innovative learning environments).



Seismic Retrofit Framing

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