



Academic:



**HAROLD  
BROTHERS**  
MECHANICAL CONTRACTORS, INC.

# Tyngsborough Middle School

Tyngsborough, MA.



**General Contractor:**  
Fontaine Brothers

**Architect:**  
JCJ Architects

**Owner:**  
Town of Tyngsborough

**Contract Price:**  
\$9,609,800

**Duration:**  
12 months

## SERVICES: HVAC

Tyngsborough Middle School is a ground-up, 112,000 sq ft state-of-the-art middle school designed by IMEG and managed by Fontaine Bros. Harold Bros installed a complete building VRF system with 162 indoor ducted and cassette style Daikin VRF fan coil units, 17 branch control boxes, 12 split systems, and 34 rooftop condensers. Fresh air enters the building via 8 roof-mounted Daikin Applied dedicated outside air handlers. A full kitchen exhaust system equipped with a 4,800 cfm make up unit and kitchen exhaust with grease duct controls the air entering and exiting the kitchen. Supplemental HVAC includes electric unit heaters, destratification fans in the gym as well as a dust collection system for the woodworking classroom.