



Senior High School

HVAC Renovations & Additions

Contract Value: \$4.3 Million

Project Description: S. P. McCarl & Company, Inc. installed all of the new HVAC systems in a project that included both renovations to the existing facility as well as a new addition. The scope of work included 26 new roof top units, 150 fan powered boxes and VAV's, a dust collector system and well over 150,000 lbs. of ductwork fabricated in our shop and installed by our personnel.



The project also included HVAC piping. However, the vast majority of the work involved the sheet metal trades. The scope also included a large amount of duct sox as well as over 150 units of various in line equipment such as horizontal unit heaters, cabinet unit heaters, and convectors.



Technical Challenge: The most challenging part of this project was the fact that it was done in a facility that was being renovated and occupied simultaneously. This required extensive coordination between the owner representative and all the contractors.



The project was divided into ten independent phases which caused the duration of the project to exceed two years. The working conditions were very tight and the coordination between trades was challenging for that reason as well. It was critical that coordination drawings were reviewed closely by all parties to ensure that the project came together as smoothly and with as little conflict as possible.



The S. P. McCarl & Company, Inc. detailed pre-planning and project management processes were a critical component to ensuring a smooth start, execution, and completion of the multi-phased project.