

Indian Hills Elementary School HVAC Replacement

Owner: Christian County Board of Education
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 Building Area: 49,113 SF
 Construction Cost: \$ 1,313,847
 Project Status: Completed 2014

Project Description: This project included complete replacement of existing 49,113 SF school's HVAC system including ductwork, piping, controls, and all related equipment. Project was performed as an Energy Savings Performance Contract for Trane Corporation

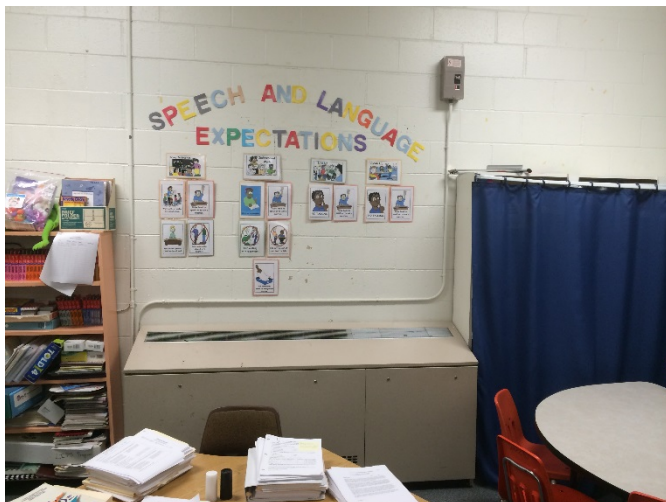
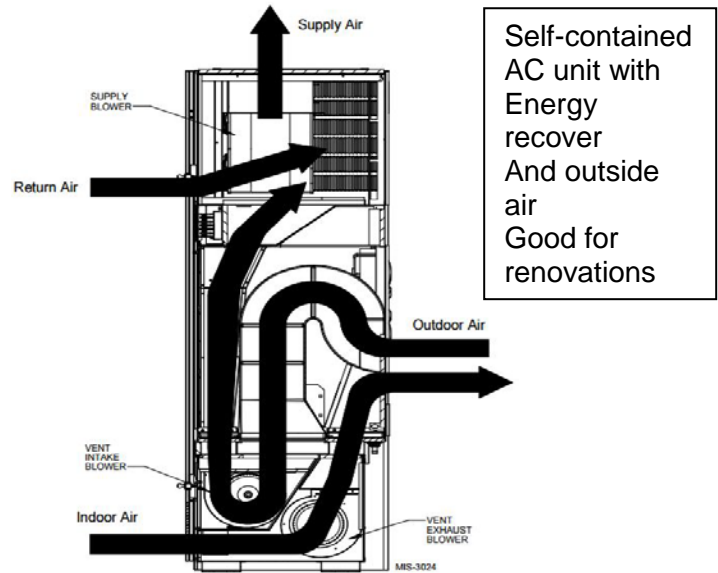
Engineering Highlights:

HVAC:

Project included the replacement of earth-coupled classroom unit ventilators with new individual units containing energy recovery wheels. Existing geothermal well fields were flushed, cleaned, and reconnected to the new equipment.

Rooftop units were replaced that served media center and one wing of classrooms. Complete HVAC system was provided for the gym/cafeteria providing very low sound emitting acoustics. Variable Refrigerant Flow (VRF) heat pump system was installed to serve core interior administrative areas.

All equipment was replaced during summer break, eliminating disruption to students and teachers.



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