

Somerset Independent Schools

High School Renovation and New Soccer Field Athletic Facilities

Owner: Somerset Independent Schools
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Building Area: High School 120,987
Soccer Facility: 4,600 SF
Construction Cost: \$ 4,200,000
Project Status: Completed
General Contractor: Marrillia Construction
Mechanical: Frei Mechanical, Tyler House, 606-676-0549

Project Description:

Complete HVAC replacement of entire high school with new lighting, PA and Clock systems. Project included a combination soccer locker room/concession building and field lighting replacement



HVAC:

Replaced existing water loop heat pump system with new system and added air conditioning to existing gym. Project included new high efficiency boiler plant, new pumps, and new evaporative cooling tower. Existing chiller provided cooling to large auditorium was replaced by new heat pump system and air handlers. New dedicated outside air units (DOAS) were installed in multiple areas to provide tempered air to all spaces.

Project also included upgrade of 16 classrooms at adjacent Hopkins Elementary School.

Complete new DDC controls were added throughout the entire high school and elementary school.

ELECTRICAL/SYSTEMS:

Replaced existing soccer field lighting with new LED lighting and controls. Replace all lighting in High School with one for one LED lighting replacements.

Provided new fire alarm, PA, and clock systems throughout entire school and tied in new locker room and concession buildings.