

Northeast High School KCMOSD

Location:

415 S. Van Brunt Blvd
Kansas City, MO 64123

Project Start Date: 2011

Completion Date: 2012

Construction Amount:

+/- \$9,459,680

Type of Work Completed:

MEP Design

Project Owner's POC:

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Project Manager
Kansas City Public Schools
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Antella Consulting Eng POC:

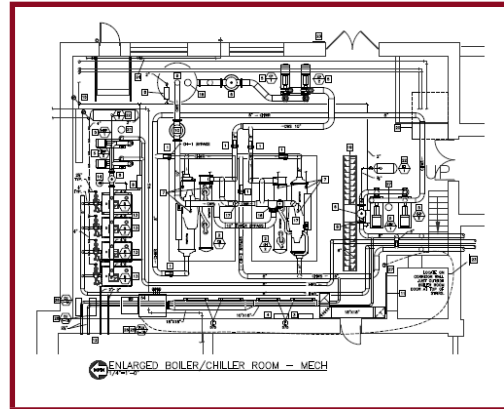
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Project Data:

K-12

This project pertains to:

K-12 Schools, HVAC Upgrades



The existing 195,000 sqft four story High School was provided with new HVAC systems and new electrical distribution system.

The majority of the existing school was heated only with steam. New systems consisted of a 4-pipe chilled water and hot water fan coil unit system to heat and cool the entire school utilizing high efficiency condensing boilers and a variable primary water cooled chiller plant.

Typical classrooms received a single plenum mounted FCU with ducted air distribution. The FCU's were furnished with ECM motors for humidity control.

New MDF, IDF Rooms were located throughout the building. Each room was served with redundant, lead/lag, air cooled split systems.

The Electrical service entrance was upgraded with new electrical distribution system throughout. Full lighting replacement was made with upgraded lighting controls consisting of motion sensors in each classrooms and down corridors.

The entire data infrastructure was upgraded consisting of provided new data outlets in classrooms, cabling and providing dedicated IDF closets per floor.