

# PROJECT PROFILE

## CHILTON HIGH SCHOOL

530 West Main Street, Chilton, Wisconsin



### OWNER

Chilton Public School District

### SIZE

186,334 sf, one-story building in Calumet County, Wisconsin

### CONSTRUCTION COMPLETED

August 2003

### DESIGN BUILD

Hoffman of Appleton, WI served as Planner, Architect, and Construction Manager

## PROJECT DETAILS

### COMMUNITY SERVED

- Chilton and surrounding communities
- Building built to serve 600 students
- Engler Center for the Performing Arts seats 735
- Gymnasium Main Court seats 1,764

### ENERGY EFFICIENCY

- Daylighting in all classrooms and commons
- High performance glass manages unwanted heat gain
- East/West orientation to maximize north and south natural light
- Exterior shading on pop-up/monitor elements
- High efficiency/low density lighting in classrooms, halls, and commons
- Motion sensors in all classrooms and many other rooms
- HVAC is VAV with hot water reheat sized to building requirements (>500 sf/ton chiller)
- Variable frequency drives on fans and pumps
- Highly reflective stone on roof
- High efficiency boilers

### SUSTAINABLE/GREEN BENEFITS

- Enhanced student learning
- Enhanced teacher satisfaction
- Improved indoor air quality
- Reduced energy consumption and operating costs
- Reduced impact on the environment

### MATERIALS

- Extensive use of local and regional materials
- Low VOC paints used in most areas of building
- To protect the ozone layer, refrigerant system does not use HCFCs or Halons

### INDOOR ENVIRONMENTAL QUALITY

- Daylighting and outdoor views
- Clerestory monitors bring natural light to interior classrooms
- Direct/indirect lighting for uniform, high quality lighting
- Gray-tinted, spectrally neutral windows manage glare
- Air volumes and ducting for high air quality
- Low VOC paints and materials
- Building Flush Out prior to occupancy

