



SOUTH KORTRIGHT CSD

South Kortright, NY

PROJECT TITLE

Capital Improvement Project

COST

\$9.6 M

COMPLETION

September 2018

REFERENCE

Patricia Norton-White
Superintendent of Schools
607.538.9111

IPD provided engineering services to support a capital improvement project at the South Kortright Central School District's K-12 building which included a major expansion of the Gym, entrance Lobby and concessions to accommodate additional seating, play floor and outdoor equipment storage, removal of a temporary classroom structure and replacement with permanent classrooms and an exercise room. The Media center, Band and Music rooms will also be renovated.

MEP scope of work included engineering for complete replacement of the High school hot water boiler plant piping, pumping system and replacement of one of the cast iron sectional boilers to provide primary pumping with variable speed secondary pumping, controls. The existing brick chimney will receive a stainless steel chimney liner. Building Automation Systems (BAS) will be replaced and expanded to eliminate the pneumatic controls and accommodate the new boiler system and all HVAC equipment associated with the project. 1950 classroom hydronic heating system, gravity relief and controls will be reworked to provide closer comfort control and energy savings. Electrical upgrades included replacement of the school's main switch gear, LED lighting with daylight control for the HS Gym expansion, new classrooms and all renovated spaces, complete fire alarm system upgrade to an addressable system with carbon monoxide detection and alarm and various electrical

panel replacements. New exterior LED lighting for security and egress at the perimeter exits and newly created rear parking area and bus loop. Building wide Closed Circuit TV (CCTV) and wireless access systems will be added. Plumbing scope included various toilet room renovations, galvanized domestic water piping replacement and work related to the above referenced additions and renovations.