

CORDLEY:

- *Square footage:*
Full renovation of existing 43,500 sqft building and a 22,250 sqft addition.
- *Types and number of new spaces:*
A two-story “core” was constructed to better connect the 1915/28 and 1950 school with an expanded media center and nine new classrooms. A second addition at the north of the site included a new dining space with a full kitchen, student restrooms, and a staff lounge.
- *Interior improvements to existing spaces:*
The original building, built in 1915/28, was renovated as an office suite so that the original entry to the school became the main entry again. Existing classrooms in the 1950 addition were lightly renovated, while the 1950 gym and stage were fully renovated to be ADA compliant.
- *Technology improvements:*
 - The entire building telecom system infrastructure was upgraded, including data cabinets, data outlets, wireless access points, and security cameras.
 - Security cameras were provided in the new building addition along with remodeled areas within the existing building footprint. This includes both interior and exterior security cameras.
 - Each classroom affected by the bond project received an interactive short-throw projector.
 - The dining room received a motorized projector screen and ceiling-mounted projector to provide digital content for larger audiences.
 - The media center received an interactive short-throw projector along with wall-mounted flat screen TVs in the seating centers.
- *Mechanical, electrical, and plumbing improvements:*
 - Lighting: In all renovated areas/additions, lighting was replaced with new LED or fluorescent light fixtures. Automatic lighting controls were provided in all spaces, including exterior lighting controlled via time clock and photocell and interior spaces controlled via occupancy/vacancy sensors. Daylight harvesting was provided in typical classrooms where artificial lighting could be reduced (dimmed) based upon the amount of daylight entering the space to save energy.
 - Fire Alarm/Public Address: The fire alarm system was replaced. The new system is a voice system, utilizes speakers, and is also used to provide public address (make all school announcements) via a handset at the front office.
 - Plumbing: All new plumbing fixtures are low flow and utilize hands-free activation.
 - HVAC: In all renovated areas, a new variable refrigerant flow system was installed. Dedicated outside air units provide ventilation air to each occupied space. Packaged rooftop units provide conditioning for large common areas. Control strategies include optimal start/stop scheduling, demand controlled ventilation (CO2), energy recovery, and unoccupied temperature setback/setup.
- *Site improvements:*
A new bus pick-up and drop-off lane and visitor/staff parking was added to the west of the school. New sidewalks connect this visitor parking and pedestrian traffic to the main entry. The playground to the north was reconfigured with more asphalt paving and new playground equipment including a sidewalk to handicap accessible equipment.

HILLCREST:

- *Square footage:*
Full renovation of existing 32,000 sqft building and a 23,500 sqft addition.
- *Types and number of new spaces:*
Included in the addition was a gym (existing gym was serving as gym and dining and will now just be dining), art room, music room, (3) kindergarten rooms, and (4) standard classrooms. The existing library was also converted to classrooms and an existing space received a heavy renovation to create a new library.
- *Interior improvements to existing spaces:*
All interior spaces received new finishes (stained concrete corridors, carpet in classrooms, paint, and new ceilings), furniture, and teaching whiteboards/tackboards.
- *Technology improvements:*
 - The entire building telecom system infrastructure was upgraded, including data cabinets, data outlets, wireless access points, and security cameras.
 - Security cameras were provided in the new building addition as well as remodeled areas within the existing building footprint. This includes both interior and exterior security cameras.
 - Each classroom affected by the bond project received an interactive short-throw projector.
 - The library received a motorized projector screen and a ceiling-mounted projector to provide digital content for larger audiences.
- *Mechanical, electrical, and plumbing improvements:*
 - Lighting: In all renovated areas/additions, lighting was replaced with new LED or fluorescent light fixtures. Automatic lighting controls were provided in all spaces, including exterior lighting controlled via time clock and photocell and interior spaces controlled via occupancy/vacancy sensors. Daylight harvesting was provided in typical classrooms where artificial lighting could be reduced (dimmed) based upon the amount of daylight entering the space to save energy.
 - Fire Alarm/Public Address: The fire alarm system was replaced. The new system is a voice system, utilizes speakers, and is also used to provide public address (make all school announcements) via a handset at the front office.
 - Plumbing: All new plumbing fixtures are low flow and utilize hands-free activation.
 - HVAC: For all renovated areas, a new variable refrigerant flow system was installed. Dedicated outside air units provide ventilation air to each occupied space. Packaged rooftop units provide conditioning for large common areas. Control strategies include optimal start/stop scheduling, demand controlled ventilation (CO2), energy recovery, and unoccupied temperature setback/setup.
- *Site improvements:*
The site was reconfigured to provide expanded parent drop-off/pick-up to the east, expanded bus service on the west, and additional parking spaces. A grassy courtyard was created between the existing building and addition. In addition, the Community Mercantile is already recreating its Hillcrest garden.

LANGSTON HUGHES:

- *Square footage:*
Light renovation of existing 56,600 sqft building and a 6,300 sqft addition.
- *Types and number of new spaces:*
Two additions to the west of the existing building include two new classrooms each. A small addition at the main entry allows for secure entry to the school.
- *Interior improvements to existing spaces:*
Heavy renovation occurred at the “pods” and cafeteria to update finishes, and the office and kindergarten rooms were reconfigured. Light renovation was completed in all other learning spaces, including new carpet, paint, whiteboard paint, and tackboards.
- *Technology improvements:*
 - The existing building telecom system was expanded to accommodate additional data outlets, wireless access points, and security cameras.
 - Security cameras were provided in the remodeled areas along with other areas within the existing building footprint. This includes both interior and exterior security cameras.
- *Mechanical, electrical, and plumbing improvements:*
 - Lighting: In all renovated areas/additions, lighting was replaced with new LED or fluorescent light fixtures. Automatic lighting controls were provided in all spaces, including exterior lighting controlled via time clock and photocell and interior spaces controlled via occupancy/vacancy sensors. Daylight harvesting was provided in typical classrooms where artificial lighting could be reduced (dimmed) based upon the amount of daylight entering the space to save energy.
 - Fire Alarm/Public Address: The fire alarm system was replaced. The new system is a voice system, utilizes speakers, and is also used to provide public address (make all school announcements) via a handset at the front office.
 - Plumbing: All new plumbing fixtures are low flow and utilize hands-free activation.
 - HVAC: The existing chilled and hot water systems were utilized to provide source heating and cooling for the new additions. Energy recovery units were installed to recover heat from the space to precondition ventilation outside air. Control strategies include optimal start/stop scheduling, demand controlled ventilation (CO2), energy recovery, and unoccupied temperature setback/setup.
- *Site improvements:*
Parking was added to the site with the completion of the originally planned parent pick-up loop. The bus pick-up area was expanded to include a roundabout, and the fire lane was reconfigured as a concrete sidewalk able to withstand the weight of a truck.

NEW YORK:

- Renovation of existing 28,950 sqft and 13,400 sqft of new construction.
- *Types and number of new spaces:*
A large addition to the east provides new art and special education classrooms, staff/support spaces, a dedicated dining room, and a new and expanded kitchen. Two new kindergarten classrooms were added with a small addition to the south side of the building.
- *Interior improvements to existing spaces:*
All interior spaces received new finishes (stained concrete hallways, carpet in classrooms, paint, and new ceilings), furniture, and teaching whiteboards/tackboards. Major renovation work in focused zones was undertaken to carve new “learning pocket” breakout spaces along the main corridor and to expand the existing library. Existing kitchen and storage spaces were reconfigured to house the music room and provide a direct adjacency to the gymnasium.
- *Technology improvements:*
 - The telecom system infrastructure was upgraded to accommodate the new building addition and the remodeled areas within the school, including an additional data cabinet, data outlets, wireless access points, and security cameras.
 - Security cameras were provided in existing locations, in the new building additions, and in other areas within the existing building footprint that were not under surveillance previously. This included both interior and exterior security cameras.
 - Each classroom affected by the bond project received an interactive short-throw projector.
 - The library received a motorized projector screen and a ceiling-mounted projector to provide digital content for larger audiences.
- *Mechanical, electrical, and plumbing improvements:*
 - Lighting: In all renovated areas/additions, lighting was replaced with new LED or fluorescent light fixtures. Automatic lighting controls were provided in all spaces, including exterior lighting controlled via time clock and photocell and interior spaces controlled via occupancy/vacancy sensors. Daylight harvesting was provided in typical classrooms where artificial lighting could be reduced (dimmed) based upon the amount of daylight entering the space to save energy.
 - Fire Alarm/Public Address: The fire alarm system was replaced. The new system is a voice system, utilizes speakers, and is also used to provide public address (make all school announcements) via a handset at the front office.
 - Plumbing: All new plumbing fixtures are low flow and utilize hands-free activation.
 - HVAC: For all renovated areas, a new variable refrigerant flow system was installed. Dedicated outside air units provide ventilation air to each occupied space. Packaged rooftop units provide conditioning for large common areas. Control strategies include optimal start/stop scheduling, demand controlled ventilation (CO2), energy recovery, and unoccupied temperature setback/setup.
- *Site improvements:*
As part of the renovation, the aging art/music annex building on the north side of the site was demolished, with new rooms for those uses provided in the new construction and renovation. Teacher and guest parking was moved from an asphalt lot interior to the building site to the edge of the block along New Jersey Street, enabling the construction of a dedicated intermediate-age playground to the north of the school. A sidewalk along New Jersey Street was added in order to complete the block which previously didn’t have a sidewalk on the east side of the school. This allows neighbors to use the “school side” of the street and gives New York students in the Marathon Club an improved practice circuit.

SUNSET Hill:

- Renovation of existing 26,300 sqft and 24,000 sqft of new construction.
- *Types and number of new spaces:*
New wings were added to the northwest and southwest of the existing building, adding eight new classrooms with “learning pocket” breakout spaces between classrooms. A new dining room, kitchen, and gymnasium were added.
- *Interior improvements to existing spaces:*
All interior spaces received new finishes (stained concrete corridors, carpet in classrooms, paint, and new ceilings), furniture, and teaching whiteboards/tackboards. The old gymnasium space was reconfigured to house special education, art, and music classrooms that were previously located in a portable unit that was removed as part of the renovations and additions.
- *Technology improvements:*
 - The entire building telecom system infrastructure was upgraded, including data cabinets, data outlets, wireless access points, and security cameras.
 - Security cameras were provided in the new building addition along with remodeled areas within the existing building footprint. This includes both interior and exterior security cameras.
 - Each classroom affected by the bond project received an interactive short-throw projector.
 - The library and dining areas received a motorized projector screen and a ceiling-mounted projector to provide digital content for larger audiences.
- *Mechanical, electrical, and plumbing improvements:*
 - Lighting: In all renovated areas/additions, lighting was replaced with new LED or fluorescent light fixtures. Automatic lighting controls were provided in all spaces, including exterior lighting controlled via time clock and photocell and interior spaces controlled via occupancy/vacancy sensors. Daylight harvesting was provided in typical classrooms where artificial lighting could be reduced (dimmed) based upon the amount of daylight entering the space to save energy.
 - Fire Alarm/Public Address: The fire alarm system was replaced. The new system is a voice system, utilizes speakers, and is also used to provide public address (make all school announcements) via a handset at the front office.
 - Plumbing: All new plumbing fixtures are low flow and utilize hands-free activation.
 - HVAC: For all renovated areas, a new variable refrigerant flow system was installed. Dedicated outside air units provide ventilation air to each occupied space. Packaged rooftop units provide conditioning for large common areas. Control strategies include optimal start/stop scheduling, demand controlled ventilation (CO2), energy recovery, and unoccupied temperature setback/setup.
- *Site improvements:*
A new sidewalk was added to the west to connect the school site to Wellington Road, and parking and drop-off areas were reconfigured to allow for improved bus and parent drop-off and teacher parking. The siting of the new additions to the west was chosen to create courtyard spaces to the north and south with limestone seat walls at outdoor learning spaces. As part of the renovation, an existing portable unit on the north-west side of the site was removed, with new classrooms provided as part of the new construction.

PINCKNEY:

- *Square footage:*
Full renovation of existing 31,500 sqft and a 13,500 sqft addition.
- *Types and number of new spaces:*
Included in the addition are (6) new classrooms, an art room, and a full-service kitchen. The program spaces moving into the addition allow for renovation of existing classrooms into a dining room adjacent to the new kitchen.
- *Interior improvements to existing spaces:*
All interior spaces are to receive new finishes (stained concrete corridors, carpet in classrooms, paint, and new ceilings), furniture, and teaching whiteboards/tackboards.
- *Technology improvements:*
 - Upgrading the entire building telecom system infrastructure, including data cabinets, data outlets, wireless access points, and security cameras.
 - Security cameras will be provided in the new building addition along with remodeled areas within the existing building footprint. This includes both interior and exterior security cameras.
 - Each classroom affected by the bond project will receive an interactive short throw projector.
 - The library and dining areas will receive a motorized projector screen and a ceiling-mounted projector to provide digital content for larger audiences.
- *Mechanical, electrical, and plumbing improvements:*
 - Lighting: In all renovated areas/additions, lighting will be replaced with new LED or fluorescent light fixtures. Automatic lighting controls will be provided in all spaces, including exterior lighting controlled via time clock and photocell and interior spaces controlled via occupancy/vacancy sensors. Daylight harvesting will be provided in typical classrooms where artificial lighting could be reduced (dimmed) based upon the amount of daylight entering the space to save energy.
 - Fire Alarm/Public Address: The fire alarm system will be replaced. The new system will be a voice system, utilizes speakers, and will also be used to provide public address (make all school announcements) via a handset at the front office.
 - Plumbing: All new plumbing fixtures will be low flow and utilize hands-free activation.
 - HVAC: For all renovated areas, a new variable refrigerant flow system will be installed. Dedicated outside air units will provide ventilation air to each occupied space. Packaged rooftop units will provide conditioning for large common areas. Control strategies will include optimal start/stop scheduling, demand controlled ventilation (CO2), energy recovery, and unoccupied temperature setback/setup.
- *Site improvements:*
Site reconfiguration is to happen on the east which will result in expanded parent drop-off/pick-up stacking length and parking close to the reopened main entrance on 6th Street. To the west off of Alabama Street, a new drive will be installed to connect Alabama to the existing blacktop. This will bring Pinckney up to code for fire truck access and provide additional on-site parking spaces.

WOODLAWN:

- *Square footage:*
24,000 sqft of renovation and 5,000 sqft addition

- *Types and number of new spaces:*
Included in the addition was a new music room, art room, and two new classrooms. The interior renovation provides a relocated front office to create the district standard secure entry and to create flexible breakout spaces for project and individual learning activities.

- *Interior improvements to existing spaces:*
Existing classrooms, corridors, and administrative areas received all new flooring, paint, and ceilings. In addition, an elevator was installed in the original school to provide accessibility to the second floor.

- *Technology improvements:*
 - The building telecom system infrastructure was upgraded to accommodate the new building addition and the remodeled areas within the school, including an additional data cabinet, data outlets, wireless access points, and security cameras.
 - Security cameras were provided in existing locations, in the new building additions, and in other areas within the existing building footprint that were not under surveillance previously. This included both interior and exterior security cameras.
 - Each classroom in the new building addition received an interactive short throw projector.

- *Mechanical, electrical, and plumbing improvements:*
 - Lighting: In all renovated areas/additions, lighting will be replaced with new LED or fluorescent light fixtures. Automatic lighting controls will be provided in all spaces, including exterior lighting controlled via time clock and photocell and interior spaces controlled via occupancy/vacancy sensors. Daylight harvesting will be provided in typical classrooms where artificial lighting could be reduced (dimmed) based upon the amount of daylight entering the space to save energy.
 - Fire Alarm/Public Address: The fire alarm system will be replaced. The new system will be a voice system, utilizes speakers, and will also be used to provide public address (make all school announcements) via a handset at the front office.
 - Plumbing: All new plumbing fixtures will be low flow and utilize hands-free activation.
 - HVAC: For all renovated areas, a new variable refrigerant flow system will be installed. Dedicated outside air units will provide ventilation air to each occupied space. Packaged rooftop units will provide conditioning for large common areas. Control strategies will include optimal start/stop scheduling, demand controlled ventilation (CO2), energy recovery, and unoccupied temperature setback/setup.

- *Site improvements:*
Added 10 on-site parking spaces, resurfaced existing parking asphalt that was in poor shape, expanded blacktop playground, and installed new sidewalks for overall site access.

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