

September 21, 2023

GLEN COVE CITY SCHOOLS

EPC Progress Updates



BOILER UPGRADES

At Connolly Elementary School

- New boiler hot water piping has been installed and insulated
- A new exhaust liner was installed in the existing chimney
- Boilers and newly installed pumps have been wired
- Equipment is ready for start-up and commissioning



ESTIMATED COMPLETION

1. Solar PV - **Spring 2024**
2. Lighting Upgrades - **Fall 2024**
3. Boiler Upgrades - **Fall 2023**
4. VFD and Motor Replacement - **Winter 2024**
5. Ventilation Upgrade - **Summer 2024**
6. BMS and Controls Upgrades - **Winter 2024**
7. Computer Energy Manager - **Winter 2024**
8. Plug Load Managers - **Winter 2024**
9. Envelope Improvements - **Fall 2023**
10. Insulation Improvements - **Fall 2023**



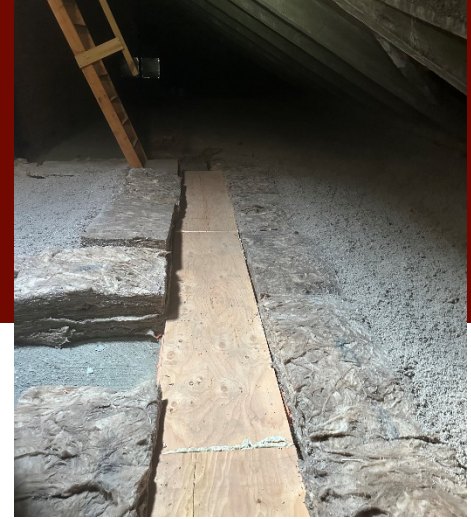
LIGHTING UPGRADES

- Completed all of the hallways in the building replacing 1x4' surface mount fluorescent fixtures with recessed 2x4 LED flat panels
- Created a consistent lighting layout in the hallways with the new recessed panels
- Replaced smoke alarms and integrated them into the new grid



ENVELOPE REPLACEMENTS

- Improvements will insulate weak points, minimizing unwanted air infiltration and reducing wasted energy
- Cellulose was installed in the Landing Elementary School attic to enhance student comfort
- Weather stripping was installed on exterior doors throughout the district to minimize draft
- Sealed windows and roof-wall intersection to reduce heat loss



VFD & MOTOR REPLACEMENT

- Ecosystem replaced old motors with inverter rated ECM motors
- Ecosystem will install VFDs this fall to increase motor efficiency



INSULATION REPLACEMENTS

SOLAR PV

VENTILATION UPGRADE

BMS & CONTROLS UPGRADE

COMPUTER ENERGY MANAGER

PLUG LOAD MANAGER