

## CARNEGIE HALL PROJECTS

(Renovation)



### AIR HANDLER RENOVATIONS

**Contractors:** Dynamic Air Corp; Thayer Corp

**Completion Date:** Summer, 2018

#### **Programmatic Drivers:**

The Carnegie air handler located at the penthouse level is a critical component of the building infrastructure that provides heating, cooling, and ventilation for the entire facility. Constructed in 1990, key components of the system have reached the end of their expected life cycle and require replacement to avoid unexpected and potentially catastrophic failures.

Preparations for the work will begin after short term and a full system shutdown is planned from July 23<sup>rd</sup> through mid-August. A temporary HVAC system will be provided during the shutdown to mitigate the impact to environmental conditions.

### GREENHOUSE UPDATES

**Contractors:** TBD

**Anticipated Completion Date:** Summer, 2018

#### **Programmatic Drivers:**

The rooftop greenhouse at Carnegie Science was constructed in 1990, and many components have reached the end of their expected lifespans. The project seeks to address:

- Improved temperature control by replacing the automated vent control system.
- Improved heating efficiency through the proper use of shade clothes, circulation fans, and properly zoned heating systems.
- Replacement of fixed grow tables with mobile units.
- Increased flexibility for table layouts by improving overhead water and power connections.