

School of Labor & Employment Relations #0218



Building Gross Sq.Ft.: 25,257

Retrocommissioning Mar 2015—Apr 2015

Team Visit Period:

Principal Building Use: Classroom and Laboratory

Summary

School of Labor & Employment Relations was originally built in 1962 and is 25,257 sq.ft. The building is served by four constant volume systems, the air handling units located in the penthouse mechanical room. In 2012, the old MACS controls were replaced with new controls. Zone temperature sensors were installed. This allowed more opportunity to take advantage of the technology and increased the energy savings opportunities by optimizing the operation. The AHUs was operating 24/7 prior to the controls upgrade, but a schedule has been implemented. VFDs were installed to the air handling units to reduce airflow. The room level controls and sensors were calibrated.



Project Highlights

- Old MACS controls retired and new controls added
- New VFDs installed in AHUs
- Modified existing scheduling to better match building usage
- Room level controls were calibrated

