

# Whitney M Young, Jr. Heath Services

## Albany, New York



**Novus Engineering, P.C.** was selected by competitive bid to design and provide construction period services for the renovation of the 15,000 square foot lower level of the Health Center building. The floor houses multiple programs including a dental clinic, HIV and WIC offices, conference rooms and maintenance facilities.

The space had been subject to multiple small, disjointed, fit-up projects over the past 25 years and all MEP systems were in very poor condition. The area was served by two inefficient 25-ton rooftop units. The original Honeywell controls were completely non-functional.

Based on Novus energy modeling, total cooling was reduced from 50 tons to 30 tons. Two new Aeon rooftop units were installed with digital, web-based, VVT controls. Novus traced out all existing ductwork prior to commencing design and was able to re-use significant portions of original ductwork to reduce project costs, as requested by the client.

New ceilings with high efficiency lighting were installed; occupancy controls were used where suitable. During the fit-up, numerous unused electrical and data circuits were removed from the ceiling plenum. The project qualified for \$9,200 in NYSERDA rebates and has resulted in significantly reduced utility costs.



Before



Downsized Rooftop Unit on Existing Roof Curb

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