

CLIENT

**GSA ROBERT ROE  
FEDERAL  
BUILDING**

LOCATION:

Newark, NJ



CONSTRUCTION VALUE:  
\$1 Million

DESIGN START:  
2007

DESIGN COMPLETE:  
2008

CONSTRUCTION  
COMPLETE:  
2009

**SCOPE OF WORK**

Upgrade of HVAC Systems

**PROJECT DESCRIPTION**

The General Services Administration (GSA) retained the services of Staunton Chow, P.C. to perform feasibility study on existing HVAC systems in the building. The study found several deficiencies including insufficient capacity of AC Units, undersized VAV's and air balancing issues.

A&J Consulting (as a sub-consultant to Staunton Chow) reviewed the existing condition report and designed the upgrade of HVAC system.

The Project involved installation of new 40-ton Rooftop AC Unit and associated ductwork for the First Floor area, replacement of existing undersized VAV boxes, modification of existing ductwork on upper floors, replace all existing pneumatic controls with DDC and rebalance airflows and hot water system.

New electrical power supply, gas piping, structural support and architectural screen were provided for the new Rooftop AC Unit.