

CLIENT

**NEW YORK
SCHOOL
CONSTRUCTION
AUTHORITY (SCA)**

LOCATION:

PS163Q

159-01 59th Avenue.

Fresh Meadows, NY 11365

CONSTRUCTION VALUE:
\$ 33 Million

DESIGN START:
2012

DESIGN COMPLETE:
2013

**CONSTRUCTION
COMPLETE:**
2016



SCOPE OF WORK

New Addition and Alteration to Existing PS 163Q, Design and Construction Administration Services for MEP.

PROJECT DESCRIPTION

We designed this new school to meet the NYCSCA Green School Design Guidelines. Some innovative features which were implemented in the design of this addition and alteration are:

1. (1) 190 Ton Air Cooled Package Chiller with Active Chilled Beams
2. (2) 1,200 MBH Hot Water, High Efficiency Condensing Boilers
3. (1) 13,600 CFM DOAS System (Dedicated Outside Air System)
4. High Efficiency Air Handling Units
5. New 3,000A Electrical Upgrade for New Building with Generator
6. New Fire Alarm System and Sprinklers in New Addition
7. High Efficiency Plumbing Fixtures

A&J Consulting Engineering Services, P.C. (A&J Consulting) Was retained by New York City School Construction Authority (NYC SCA) to provide design documents and Construction Administration services for this project. Construction Administration services provided for this project include surveying site conditions, attending meetings and generating meeting minutes, respond to RFI's, issue Bulletins, review shop drawings, and amend design documents with Facility Inspection Division (FID).