



Project Team

Owner:	Office of the Deputy Mayor for Planning and Economic Development
Architect:	Hord Coplan & Macht
Construction Manager:	Forrester Construction & Columbia Enterprises (joint venture)
Structural Engineer:	Simpson Gumpertz & Heger
MEP Engineer:	Burdette Koehler Murphy & Associates

Mechanical

- 8 roof top air handling units ranging in size from 3,150 CFM to 20,200 CFM with energy recovery wheels
- AHU's work in conjunction with 2 boilers to serve the 2 pipe VAV system that ventilates the building
- Commissioning for all MEP systems
- Pre-occupancy building flush-out to increase indoor air quality

Structural

- Concrete foundation walls sit on spread footing system supported by soil reinforced with impact piers and helical anchors ranging in length from 19' to 42'
- Steel superstructure with concrete composite slabs on metal deck supported by wide flange beams
- W shaped beams and columns with HSS in multi story spaces

Building Statistics

Size:	125,000 SF
Function:	Pre-K – 8 school, public library, and community center
Building Cost:	\$36 Million
Construction Dates:	March 2008-August 2009
Delivery Method:	Design-Bid-Build with GMP

Architecture

- Organized by grade based on floor level with shared spaces at circulation nodes
- “C” shape footprint designed to provide a safe area in the middle of the “C” for kids to play
- Seeking LEED certification upon completion
- 29,000 SF of green roof with access for students

Electrical

- Building distribution is 480V, 3 phase, 4 wire from Pepco supply
- 3000A main switchboard with 1000A, 400 A and 225A distribution panelboards
- 275kW 480/277V emergency generator with 500 gallon fuel tank for 23 hours of operation at full load