## Columbia Heights Community Center Washington, DC



## **Project Team**

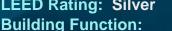
GC: Forrester Construction
CM: The Temple Group, Inc.
Architect/Engineer: Leo A. Daly
Owner: DC Department of Parks
and Recreations (DPR)





## **Project Features**

Total Cost:. \$9.8 Million Size: 47,395 Sq. Ft. Duration: 16 Months LEED Rating: Silver



Public Recreational Activity Center Satellite offices for DPR

Facility Houses:

Classrooms, Computer Lab, Gymnasium, Stage and Dressing Rooms, Dance Studio, Weight and Aerobics Rooms, Arts / Crafts, Music Room

Mechanical, Electrical, & Lighting

Mechanical: Three rooftop Air-Handling
Units totaling 31200 cfm capacity
complimented by two Finned Tube
Water Boilers. VAV's and Constant
Volume Boxes are used at the local
level.

Electrical: 2000A, 208/120 Volt, 3-phase service. 125kW Natural Gas Generator serves as backup.

Lighting: Typically 120 Volt, Fluorescent T8 Recessed Lamps and Recessed Compact Fluorescent Triple Tubes. All have a minimum CRI of 75 and color temperature rating of 3500K.

## **Structural**

Façade: Brick and Cast Stone with Curtain Wall Assembly

Foundation: Step Footings, Strap Beams, and Tie Beams for cantilever adjacent to existing apartment

Slab on Grade: 5" Thick Framing: Structural Steel

Decking: 3" Concrete slab on composite decking, shear bolted to steel framing

Concrete: 4000psi throughout

http://www.arche.psu.edu/thesis/eportfolio/current/portfolios/csg132/