

# South Shore International College Prep High School

1955 E. 75<sup>th</sup> Street



## Building Features

- 209,160 Square Feet
- Steel Frame and Masonry Construction
- Fully Commissioned Building Automation System
- Fully Accessible to People With Disabilities
- 3-floors plus lower level
- Capacity: Minimum 1200 Students
- 26 Standard Academic Classrooms
- 5 Computer Labs
- 6 Science Labs
- 2 Visual Arts Classrooms
- 2 Performing Arts Classrooms
- Distance Learning Lab (Video Teleconference)
- Scene Shop, Dressing Room & Green Room
- College Resource Center
- Library/Media Resource Center
- Gymnasium (Two Station)
- Natatorium with 6 Lane Pool
- Fitness/Weight Room
- Administrative Suite
- Nurse and Student Support Service
- Kitchen and Dining Facilities
- State-of-the-art Computer Network
- Central Air Conditioning

## Special Provisions

- Designed for **Community Use** on evenings and weekends- with independent entrances for both library and the athletic wing as well as dedicated storage and spaces for the Chicago Park District.

## Exterior Amenities

- Green and Reflective Roof
- Green Parking Lot
- Entry Plaza
- Outdoor Reading Garden

## Project Development Information

- Design Architect: SMNG-A
- Architect of Record: John Ronan/DeStefano JV
- General Contractor: Sollitt/Brown & Momen JV
- Construction Contract Value: \$71,416,000

## Economic Sustainability Program

- City Residency Labor Requirement
- Community Hiring Requirement
- Bid incentives for the employment of Women and Minorities
- Bid incentives for the employment of Apprentices
- M/WBE Business Participation: 37.15% Paid to Date  
(as of July 2011 Pay Application)

# SOUTH SHORE INTERNATIONAL COLLEGE PREP HIGH SCHOOL

## ENVIRONMENTALLY FRIENDLY OR “GREEN” ELEMENTS



The new South Shore International College Preparatory High School was designed to achieve a Silver rating under the U.S. Green Building Council's LEED (Leadership in Energy and Environmental Design) for Schools Rating System.

Green buildings are designed, constructed and maintained in an environmentally sustainable way. Some of the green elements that are part of this elementary school are outlined below.

### Sustainable Sites

*These features take into account the location and placement of the building, and its impact on and relationship with the environment around it.*

- The new school was constructed on a site which previously was used as a park. The existing school site will be developed into a park once the new school is opened. It is within ½ mile of a residential zone and more than 10 basic services (neighborhood amenities).
- The school is well served by public transportation, as it is located less than ¼ mile from 3 CTA bus lines and within ½ mile of a Metra commuter train stop.
- Alternative transportation is encouraged through the addition of bike racks, preferred parking for low-emitting and fuel efficient vehicles and carpool vehicles and a designated carpool drop-off. The school also features three electric vehicle charging stations in preferred parking locations.
- Both the roof and selected site materials have a high degree of reflectivity, which contribute less to the urban heat island effect on and around the building. Lower summer temperatures around the building translate into less energy required to cool it.
- Over 53% of the roof surface will be vegetated (green).
- The green roof, landscaped areas, pervious pavement and playing fields maximize the overall perviousness of the site and help manage stormwater.

### Water Efficiency

*Efforts were made to conserve water in and around the building.*

- Landscape plantings include a native prairie garden with native grasses and perennials. Adaptive and native species require less water, and irrigation is provided only during plant establishment.
- Low flow and high efficiency plumbing fixtures and sensed sinks will reduce building water usage by over 42%.

### Energy & Atmosphere

*Green buildings reduce the amount of energy used by the building, and may make use of renewable energy.*

- Energy-using systems, along with the building envelope (exterior walls and roof), are projected to result in energy performance of close to 30% better than facilities of similar size and use.
- The efficient lighting systems utilize occupancy sensors and “harvest” available daylight.
- Enhanced commissioning of the building's energy-using systems will ensure they are installed and perform as designed, and that the operations and maintenance staff are well trained.

### Materials & Resources

*Materials selection is mindful of recycled content, and regional manufacturing, to reduce use of energy to bring the materials to the site and to reduce raw material consumption.*

- Close to 94% of waste from construction and demolition for this building will be recycled.
- This school will contain 22.3% recycled content materials.
- More than 40% of the materials used for this building will be manufactured within 500 miles of the project site.
- Over 78% of the wood used in this building will come from sustainably managed forests certified by the Forest Stewardship Council (FSC).

### Indoor Environmental Quality

*Green buildings are designed to establish good indoor air quality for workers during construction and for the end users of the completed building. Environmental quality in terms of access to daylight and views are also considered.*

- This building provides excellent indoor environmental quality for students, faculty and staff.
- Care was taken to ensure contaminants were kept out of the building during construction, with an air quality plan, and through the selection of materials that emit less fumes. A full building flush-out was performed at the end of construction.
- Ongoing air quality is maintained through the use of green cleaning products.
- The school was designed to provide daylight and outdoor views to classrooms and other regularly occupied spaces.

