

# 23<sup>rd</sup> Police District Station

850 W. Addison Street



## Building Features

- 44,000 Square Feet
- Load Bearing Masonry with Exterior Finish Brick
- Durable Materials for Ease of cleaning and maintenance (E.g. Burnish Block Walls and Terrazzo Flooring)
- Community Room to accommodate group functions, such as Chicago Alternative Policing Strategy (CAPS) meetings, with seating capacity for more than 100
- Secure Viewing and Line-Up Rooms
- High-tech Roll Call Room with large video screens
- Physical Fitness Room
- State-of-the-art Fiber Optic Cable Network
- Cameras mounted on exterior to monitor parking lots and all access/egress points
- "Quiet Room" for traumatic incident counseling
- Locker Facilities
- Warming/Cooling Station Capabilities

## Exterior Amenities

- 361 space, dual service, parking structure
- Green and Reflective Roof
- 150-foot Monopole Communications Tower
- Outdoor Electronic Message Board
- Reflective and Landscaped Site Development (reduces the urban heat island effect)
- Bicycle Storage Area
- Multiple Electric Car Recharging Ports
- Permeable Paving
- Aggressive Stormwater Management

## Project Development Information

- Architect of Record: Wight & Company
- General Contractor: Harbour Contractors, Inc.
- Original Contract Value: \$30,777,825.64

## Economic Sustainability Program

- Bid incentives for the employment of Women and Minorities
- Bid incentives for the employment of Apprentices
- City Residency Labor Requirement
- Community Hiring Requirement
- M/WBE Business Participation: 32.24% Paid to Date



# 23<sup>RD</sup> POLICE DISTRICT STATION

## ENVIRONMENTALLY FRIENDLY OR “GREEN” ELEMENTS



The new 23<sup>rd</sup> Police District Station was designed to achieve “Gold” level certification under the U.S. Green Building Council’s standards for Leadership in Energy and Environmental Design (LEED).

Green Buildings incorporate several environmentally friendly focus areas in their design. Listed below are some of the green elements that are a part of this new police station.

### 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.*

- Built police station on a previously developed site in a densely populated area close to more than 10 amenities and services
- Located within ¼ mile of bus and train transportation
- Added bike racks, to encourage alternate transit, and electric car recharging area
- Installed reflective and vegetative surfaces on roof to cool building, save energy costs and reduce heat island effect
- Installed permeable and reflective surfaces at adjacent drives to the building to reduce heat island effect and better manage stormwater
- 56% of roof is vegetative
- Parking structure minimizes impervious paved areas

### Water Efficiency

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

- Reduced amount of water used for landscaping through careful plant selection, natural landscaping and high efficiency irrigation system
- Installed low-flow and sensed sinks and showers, and dual flush toilets, that together result in a water use reduction of 41.8%

### Energy & Atmosphere

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

- Designed to use over 24% less energy by cost than similar buildings
- Cogeneration system for electrical and building heating
- Used non-ozone depleting mechanical equipment to protect atmosphere
- Purchased renewable energy or “green power” credits, which will reduce reliance on traditional power generation and support renewable sources

### 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.*

- More than 20% of materials installed in this building will be recycled
- More than 42% of the materials for the building will be manufactured locally or regionally
- At least 86% of all wood used on the project came from sustainably managed forests certified by the Forest Stewardship Council

### Indoor Environmental Quality

*Green buildings are designed to ensure 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.*

- Instituted an air quality plan to ensure clean air for workers during construction and prior occupancy for the building occupants when construction was complete
- Used building materials that emit less fumes
- Built exhaust systems for areas where chemicals are stored
- Installed temperature control systems and increased amount of natural light in building to boost worker productivity and improve quality of life
- Healthy cleaning products and strategies will be used upon completion of the building

