## Irene C. Hernandez Middle School for the Advancement of the Sciences 3510 West 55th Street











# **SUSTAINABLE SITES**

- Y R Construction Activity Pollution Prevention
- Y R Environmental Site Assessment
- 1 1 Site Selection
- 1 1 Development Density & Community Connectivity
- 1 1 Brownfield Redevelopment
- 1 1 Alternative Transportation, Public Transportation Access
- 1 1 Alternative Transportation, Bicycle Use
- 1 1 Alternative Transportation, Low-**Emitting & Fuel-Efficient Vehicles**
- 1 1 Alternative Transportation, Parking Capacity
- X 1 Site Development, Protect or Restore Habitat
- 1 1 SiteDevelopment, Maximize Open Space
- X 1 Stormwater Design, Quantity
- X 1 Stormwater Design, Quality Control
- 1 1 Heat Island Effect, Non-Roof
- 1 1 Heat Island Effect, Roof
- 1 1 Light Pollution Reduction
- X 1 Site Master Plan X 1 Joint Use of Facilities
- **SUBTOTAL: 11 of 16 possible**

1 1 Water Efficient Landscaping, Reduce potable water use by 50%

WATER EFFICIENCY

- 1 1 Water Efficient Landscaping, No
- Potable Use or No Irrigation X 1 Innovative Wastewater Technologies
- Water Use Reduction, 20% Reduction
- Water Use Reduction 30% Reduction
- Water Use Reduction 40% Reduction

SUBTOTAL: 4 of 7 possible

X 1 Process Water Use Reduction

### **ENERGY & ATMOSPHERE**

- Y R Fundamental Commissioning of the Building Energy Systems
- Y R Minimum Energy Performance
- Y R Fundamental Refrigerant Management
- 8 10 Optimize Energy Performance (2 pt minimum)
- X 3 On-Site Renewable Energy, 2.5%, 7.5%, or 12.5%
- **Enhanced Commissioning Enhanced Refrigerant**
- Management Measurement & Verification

SUBTOTAL: 11 of 17 possible

Green Power

#### **MATERIALS & RESOURCES**

- Y R Storage & Collection of Recyclables
- X 1 Building Reuse, Maintain 75% of Existing Walls, Floors & Roof
- X 1 Building Reuse, Maintain 100% of Existing Walls, Floors & Roof
- X 1 Building Reuse, 50% of Interior Non-Structural Elements
- 1 1 Construction Waste Management, Divert 50% from Disposal
- 1 1 Construction Waste Management, Divert 75% from Disposal
- X 1 Materials Reuse, 5%
- X 1 Materials Reuse, 10%
- 1 1 Recycled Content, 10%, (postconsumer + ½ post-industrial)
- 1 1 Recycled Content, 20% (postconsumer + ½ post-industrial)
- 1 1 Regional Materials, 10% Extracted, Processed & Manufactured Regionally
- 1 1 Regional Materials, 20% Extracted, Processed & Manufactured Regionally
- X 1 Rapidly Renewable Materials
- X 1 Certified Wood

SUBTOTAL: 6 of 13 possible

#### INDOOR ENVIRONMENTAL **QUALITY**

- Y R Minimum IAQ Performance
- Y R Environmental Tobacco Smoke (ETS) Control
- Minimum Acoustical Performance
- Outdoor Air Delivery Monitoring
- Increased Ventilation
- Construction IAQ Management Plan, During Construction
- Construction IAQ Management Plan, Before Occupancy
- Low-Emitting Materials
- Indoor Chemical & Pollutant Source Control
- Controllability of Systems, Lighting
- Controllability of Systems, Thermal Comfort
- Thermal Comfort, Design
- Thermal Comfort, Verification
- Daylight & Views, Daylight 75% of Classrooms
- Daylight & Views, Daylight 90% of Classrooms
- Daylight & Views, Daylight for 75% of Other Spaces
- Daylight & Views, Views for 90% of Spaces
- **Enhanced Acoustical Performance** Mold Prevention

SUBTOTAL: 12 of 20 possible

**INNOVATION & DESIGN PROCESS** 

- 1 1 Innovation in Design: **Exemplary Recycled Content**
- Innovation in Design:
- **Exemplary Regional Materials**
- Innovation in Design: Low Mercury Lamping
- Innovation in Design:
- **LEED Accredited Professional**

School as a Teaching Tool

SUBTOTAL: 4 of 6 possible

Certified: 29-36 points, Silver: 37-43 points, Gold: 44-57 points, Platinum: 58-79 points