The University Sciences Building
Northeastern, USA

General Building Information

Building Name: University Sciences Building  
Location: Northeastern, USA  
Occupant: Not Released  
Function: Laboratory/Classroom/Office  
Size: 209,000 SF  
Number of Stories: Building 1: 7+/2-   Building 2: 4+/2-  
Construction Dates: August 2006 - December 2009  
Construction Cost: Withheld by Owner  
Delivery Method: Construction Manager at Risk

Primary Project Team

Owner: Not Released  
Architect: Mack Scogin Merill Elam Architects  
Associate Architect: EDGE Studio  
General Contractor: PJ Dick Inc  
Structural Engineer: ARUP  
Mechanical Engineer: ARUP  
Electrical Engineer: ARUP  
Civil Engineer: Civil and Environmental Consultants
Located in the center of the urban campus, The University Sciences Building sits with a modern and distinct look with its unique materials and distinctive architectural features. Its LEED Gold Certification makes it the campus’ most sustainable building. The USB consists of two buildings connected by a 6 story passage.

Building 1 has 7 stories above grade and 2 below. The core of Building 1 is its featured 3 story Helix. This Helix its a concrete formed ramp to 3 different floors with classrooms at the center. The bottom 5 floors are primarily used for classrooms and laboratories. The top 3 floors are used for offices and conference rooms. Building 1 has 2 unique atriums. One is incorporated with the Helix structure and the other is a 3 story atrium on the 6th, 7th and 8th floor.

Building 2 has 5 floors above grade and 1 below. The use of this building is primarily for research, including offices and laboratories. This building also utilizes the use of an atrium. Considerably smaller than building 1, it spans from floors 4, 5, and 6. It opens up to a clerestory along its length.

The building gets its unique look from its facade. It incorporates black zinc lining panels with silver zinc siding bordering the plethora of windows in different shapes. Nearly every space in the building has exposure to natural light. Generated by elaborate windows and curtain walls, and exterior open to above atriums.

Roof Construction: Concurrently gathering information.

This building was designed and built under the International Building Code 2006 (IBC 2006), along with it's supplemental mechanical and electrical codes. Structural Design followed the ASI 318 for reinforced concrete and ASIC LRFD 3rd edition for steel. Further code compliance forthcoming.

Zoning: Requesting information from Owner/Construction Manager
The USB qualified as a LEED Gold building. It uses many innovative sustainable features from natural day lighting to new materials allowing the building to be more energy efficient. Perhaps the building's most recognizable sustainable feature is its multiple expansive green roofs. More information to follow.