

cross sections

Magazine for the Structural Engineers Association of New York

2013 VOLUME 18 NO. 2

THE 2013 EXCELLENCE IN STRUCTURAL ENGINEERING WINNERS

THE AWARDS ISSUE



Judges

Chris Cerino, STV
Michael Guilfoyle, GACE
Robert Silman, RSA
Aine Brazil, TT
Karl Rubenacker, GMS

SEAoNY EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS 2013

The Structural Engineers Association of New York (SEAoNY) Excellence in Structural Engineering Awards serves to recognize creative achievement and innovation in structural engineering. Modeled after the National Council of Structural Engineering Associations (NCSEA) Awards, the program annually highlights some of the best examples of structural engineering ingenuity by firms in New York.

For the 2013 Awards, projects must have been sufficiently completed between January 1, 2010 and December 31, 2012 such that they clearly show the basic design of the structural system. Firms were asked to provide narratives, photos, and plans or sketches to convey the complexities and innovations of their design. Judged by past SEAoNY presidents and honorary members, themselves structural engineers and leaders in the industry, scores were awarded based on: creativity and complexity of design; innovative application of materials or techniques; ingenuity of design for efficient use of labor and materials; sustainability of structure; and exceeding client/owner needs and expectations.

Awards finalists and winners were recognized on the SEAoNY Annual Boat Cruise, with each being represented by a project display board and, of course, their engineers. Finalists and winners were chosen in three categories based on their overall construction cost, with one additional category addressing renovation work and another addressing other unique and unusual structures. This year also marks the first ever Engineers' Choice Award in which participants of the Boat Cruise voted to declare the winner.

The SEAoNY Awards provide a great opportunity for engineers to learn more about the work of their peers and to share in their engineering achievements. In past years, several SEAoNY Awards winners have gone on to win NCSEA Awards as well. This year's winners are sure to be no exception.



*2013 Excellence in Structural
Engineering Awards Presentation &
Annual Boat Cruise Gold Sponsor*

All Images: Courtesy Robert Silman Associates



ENGINEERS' CHOICE CAMPBELL SPORTS CENTER COLUMBIA UNIVERSITY

Robert Silman Associates

Columbia University's dynamic new sports center is the primary athletics facility for the university's outdoor sports programs and anchors the Baker Athletics Complex. The five-story, 48,000-square-foot building agilely accommodates a complicated site that is both steep and adjacent to an elevated MTA subway line. Within its four floors – each with a different plan – student athletes are exposed to the muscular structure of the building itself, which has been left largely visible. To serve the mind, the body, and the mind/body of Columbia's student athletes, the state-of-the-art building incorporates study rooms and lounges with strength and conditioning spaces. Offices for varsity sports and football, an auditorium, a hospitality suite, and a theater style meeting room are also part of the building program.

