

WINTERGREEN

WinterGreen is a monthly publication from **Steven Winter Associates** designed to keep you updated on the latest news and information regarding energy efficiency, sustainability, and high performance buildings.

GREEN SENIOR LIVING AT SHAKER POINTE

With words such as “active,” “independent,” and “engaged” redefining the retirement narrative, we’re seeing a similarly progressive shift in design priorities for new senior housing. When the Sisters of St. Joseph of Carondelet assembled the project team to oversee development of Shaker Pointe, their hyper-sustainable independent living community, they contracted with Steven Winter Associates, Inc. to provide contractor training and field verification services to ensure best-practices were maintained throughout the design/build process. Shaker Pointe’s 15-unit apartment complex attained LEED® for Homes™ Gold certification; Phase II, a 68-residence building and community center, earned LEED Platinum certification.



AT CARONDELET

Shaker Pointe: Targeting LEED Platinum Certification

The Sisters of St. Joseph committed to equally high environmental standards in the construction of the third and final building at Shaker Pointe, a 56-unit residence building named Spirit Tree. To combat air infiltration, whole building air-sealing utilizing EcoSeal at all exterior joints and seams along with blown-in fiberglass insulation formed a strong thermal building envelope. Testing and verification confirmed proper HVAC installation, which employed Aeroseal technology to minimize the amount of conditioned air lost through ductwork leaks and to stabilize the thermal atmosphere of living units. Additionally, SWA advised on products and practices that reduced indoor air pollution to sustain a healthy living environment for residents and construction crews alike. Material reuse, particularly of drywall and framing, along with extensive waste diversion, has helped reduce the volume of construction debris sent to landfills.

Completion of Spirit Tree at Shaker Pointe is slated for early June, with several green building certifications, including LEED for Homes Platinum, ENERGY STAR® Version 3.1, and the US EPA’s Indoor airPLUS award. For more information contact Carmel Pratt at cpratt@swinter.com.

MARC ZULUAGA RECEIVES ENGINEERING AWARD



Marc Zuluaga—CSE 40 Under 40 Recipient

SWA Vice President and Director of Multifamily Housing, Marc Zuluaga, has been selected by Consulting-Specifying Engineer (CSE) magazine as one of its young leaders of innovative engineering. Marc, along with all the award winners, are featured in the May/June issue of the publication.

This award is bestowed on 40 building industry professionals aged 40 and under who have made, and continue to make, significant contributions to the building community, as well as in other areas of their professional and personal lives.

Aside from leading a large team here at SWA, Marc has served on New York City’s Building Resiliency Task Force organized by the Urban Green Council post Hurricane Sandy; was the project manager on the Deutsche Bank Energy Efficiency Data Report project; and contributed to a watershed research study examining massive heat-loss through improperly sealed elevator shafts in NYC building stock. To read Marc’s winning profile, and to view all of the CSE’s 2015 40 Under 40 recipients, click [here](#).



Steven Winter Associates, Inc.

HUD IAH COMPETITION FINALE

On April 21st the four finalist teams from the 2015 HUD Innovation in Affordable Housing (IAH) Student Design and Planning Competition gathered at the HUD headquarters in Washington DC to take part in the Final Four Jury and Awards Presentation (you can read more about the competition [here](#)). There, the graduate student teams presented their final submissions to the jury and audience for either the rehabilitation or redevelopment of Bayou Towers, a 300-unit residential high-rise that is home to over 500 senior citizens of the Houma-Terrebonne Parish in Louisiana.



NYU delivers the winning project

After an hour of deliberation behind closed doors, the jury had reached a decision, which was announced by HUD PD&R Assistant Secretary Katherine O'Regan: the first-place win went to the team from New York University (NYU); and second-place to the University of California, Los Angeles (UCLA). The winning teams of five students each took home a prize of \$20K and \$10K respectively.

The presentations made by the University of Minnesota and the University of Kansas displayed creativity, planning and effort. Though they did not win, their advancement in the final four is a significant accomplishment considering the high quality of the 40 teams originally entered into this year's IAH Competition.

This was the second year of the competition, and also the second year that Steven Winter Associates worked with HUD to develop the competition criteria and provide management of all aspects of the awards program. Read the full rundown of the final event on our blog, [here](#).

SWA PROJECT EBIE AWARD FINALIST

Roosevelt Landings, a large-scale residential complex located on Roosevelt Island in New York City, is a finalist in the Urban Green Council's EBie Awards. Nominated in the Verdant Brainiac category, the award recognizes the most innovative green renovation project in the nation, particularly one that surmounted significant barriers (cost, institutional, technological) using an innovative and scalable approach.



NYC's largest air sealing project

Improvements to Roosevelt Landings included installation of a 300kW combined heat and power (CHP) plant and domestic hot water (DHW) boiler upgrade; electrical heat control with programmable thermostats; comprehensive air-sealing of the building envelope and interior spaces; floor-slab insulation; and building operator and resident education.

The retrofits resulted in 2.5M kWh savings in the first winter— a significant reduction since upgrades were completed well after the heating season began. The one million square foot, 1,000 unit complex was the first multifamily project to utilize New York City Energy Efficiency Corporation (NYCEEC) financing. The project also represents the largest air sealing scope ever implemented in NYC. View the EBie Finalist profile [here](#).



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