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Spaulding Rehab Hospital certified LEED Gold

October 17, 2013 - Spotlights

Spaulding Rehabilitation Hospital is a 132 bed rehabilitation hospital located on the waterfront in the former Charlestown Navy Yard. The design of the site and building supports Spaulding's mission to improve the quality of life for persons recovering from or learning to live fully with illness, injury, and disability.

The design responds to its waterfront location, providing an indoor-outdoor rehabilitative environment which takes advantage of daylight, views, and waterside spaces. Outdoor spaces include a therapy trail along the water's edge and a third floor patient terrace off the therapy gym. Indoor spaces address the social, spiritual, and physical needs of patients and staff. Ground floor spaces such as meeting rooms and cafeteria provide a strong connection to the community. The therapy gyms and pool are located on the end of the 3-story base, maximizing daylight and views. The 5-story bed tower above contains multipurpose rooms and other gathering spaces for patients and staff.

The brownfield site was remediated. Reclaimed wood and granite from the original seawall have been incorporated into the landscape. Sustainable elements include vegetated roofs, a high performance envelope, operable windows, cogeneration unit, and healthy interior materials have been incorporated into the building. Perhaps the most significant sustainable aspect of the building is increased resilience to severe weather events and rising sea levels related to climate change. The project is certified LEED Gold.

Perkins + Will: architecture and interior design

Walsh Brothers Inc.: construction manager

Thompson Consultants: HVAC/plumbing/electrical/fire protection

McNamara/Salvia, Inc.: structural engineer

Haley & Aldrich, Inc.: geo-tech/geo-enviro consultant

Vanasse Hangen Brustlin: civil engineer/traffic consultant

Richard Moore Environmental: owner's LEED consultant

Buro Happold Consulting: sustainability consultant

Copley Wolff Design Group: landscape architect

Hoerr Schaudt Landscape Architects: roof terrace landscape

AKF Lighting Group: lighting consultant

WSP Flack & Kurtz: commissioning agent

Wiss, Janney, Elstner Assoc.: envelope consultant

Vine Assoc.: marine consultant

Healthcare Without Harm: healthcare sustainability

Smith Seckman Reid: communications/low voltage consult.

Kalin Assoc.: specifications

Gamble Design LLC: way-finding & graphics

Pothier Group: food service consultant

Cavanaugh Tocci Assoc.: acoustical consultant

Sterling McMurrin: environmental artist

Steinkamp Photography: photo credits

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