

BUILDING ENCLOSURE DESIGN

Building enclosures that have **SPECIAL** and **COMPLEX** architectural features do not become remarkable with ordinary engineering. These projects require confident exploration of concepts to develop innovative design.



MUSEUM OF FINE ARTS
Boston, MA

Building science and enclosure consulting enhances environment for art and patrons

Click [here](#) for more about this project.



HEALTH SCIENCES EDUCATION BUILDING

University of Arizona, Phoenix
Biomedical Campus, Phoenix, AZ

Design assist for building enclosure integrates various cladding materials for new university structure

Click [here](#) for more about this project.



BOALT HALL LAW LIBRARY INFILL BUILDING

University of California, Berkeley, School of Law, Berkeley, CA

Waterproofing consulting to protect below-grade library with glass skylights that support pedestrian traffic

Click [here](#) for more about this project.



BROAD CONTEMPORARY ART MUSEUM AND THE LYNDA AND STEWART RESNICK EXHIBITION PAVILION

Los Angeles County Museum of Art, Los Angeles, CA

Building science services create suitable conditions for sensitive museum spaces

Click [here](#) for more about this project.



WARRIOR TRANSITION UNIT

Walter Reed National Military Medical Center, Bethesda, MD

Building enclosure and blast consulting for relocated wounded warrior facility

Click [here](#) for more about this project.



18.36.54 House

New Milford, CT

Building enclosure consulting enhances occupant comfort and preserves art collection

Click [here](#) for more about this project.

TECHNICAL BRIEF

Next Generation Below-Grade Waterproofing

by Anthony J. Nicastro, P.E.

Below-grade spaces provide few opportunities for waterproofing repair due to inaccessibility after construction. Traditional waterproofing materials rely on application techniques, specific substrate conditions, and placement to keep below-grade spaces dry. Emerging hybrid waterproofing systems offer better performance through inherent redundancy.

[more \(PDF\)](#)



NEWS & NOTES

Members of the Sealant Waterproofing and Restoration Institute (SWRIInstitute) elected **Craig Allender (Senior Project Manager) to a three-year term on the Board of Directors**. SWRIInstitute meets semiannually to network with other professionals in the waterproofing and restoration field to share knowledge and to discuss current events and issues within the construction community.

Palomar Medical Center in Escondido, CA was named 2012 "Best of the Best Project" in the Healthcare category by *Engineering News Record (ENR)* and "Best Overall Project of 2012" by *ENR California*. SGH provided roofing and waterproofing consulting for the new facility; performed a design review for the \$60 million curtain wall; and provided construction phase services for the below-grade waterproofing, above-grade waterproofing, and roofing. CO Architects is the architect of record.

[SGH moved its Orange County office location](#) to 4695 MacArthur Court, Suite 500, Newport Beach, California 92660.

[SGH moved its New York office location](#) to 550 Seventh Avenue, 10th Floor New York, NY 10018.

We are proud to announce that the Structural Engineers Association of Northern California (SEAONC) has awarded Ronald O. Hamburger, S.E., Senior Principal at SGH, the H.J. Brunnier Award for Lifetime Achievement. The SEAONC Board of Directors determines the award recipient based upon the individual's entire body of work and their outstanding achievements in structural engineering.

UPCOMING EVENTS

Campus Parking & Solar Summit
8 October 2013, North Reading, MA

To SPUF or Not to SPUF: Applications & Limitations
23 October 2013, New York, NY

Investing in Your Campus: Challenges of Operation & Maintenance
13 November 2013, New York, NY

See our events page for more information.