Bahá’í House of Worship of South America

Santiago, Chile

Project Contacts: Amy Hackney, James Parker

Designed by Siamak Hariri of Hariri Pontarini Architects, the Chile Baha’i House of Worship sits on a hillside set against the Andes Mountains. At nearly 100 ft high, the temple features nine...

Services: Building Enclosure Design, Materials Design, Structural Design

Markets: Religious

Keywords: Award Winning, Base Isolation, Glass and Glazing, High-Performance/Advanced Enclosures, International, Laboratory Testing and Analysis, Materials Analysis, Materials Testing for Design, Religious, Seismic Isolation, Signature Project, Spaceframe/Shell Structure, Stone, Structural Glass

Summer Star Wildlife Sanctuary

Boylston, MA

Project Contacts: Erik Farrington, Pedro Sifre

As a gateway to the expansive forty-five acre sanctuary, the Trailhead House offers visitors an opportunity to learn about the area’s woodlands and wildlife. Given the sanctuary’s focus on...

Services: Building Enclosure Design, Structural Design

Markets: Cultural

Keywords: Award Winning, BIM, Concrete, Green / Sustainable Design, LEED Projects, Metal-Steel, Revit/BIM, Wood
New York State Capitol Building  
Albany, NY  
**Project Contacts:** Susan Knack-Brown, Niklas Vigener  

The New York State Capitol was designed by a succession of architects, including H.H. Richardson and Leopold Eidlitz. Constructed in stages between 1870 and 1900, the building features Second...  

**Services:** Building Enclosure Investigation, Building Enclosure Rehabilitation  
**Markets:** Government  
**Keywords:** Award Winning, Condition Assessment, Construction Administration, Historic, Industrial Rope Access, Masonry, Masonry-Terra Cotta, Metal, Metal-Copper, National Register of Historic Places, Preservation Technology, Roofing, Skylight, Stair, Stone-Granite, Stone-Slate, Water Leakage

University of Arizona, Phoenix Biomedical Campus, Health Science Education Building  
Phoenix, AZ  
**Project Contacts:** Delbert Bern, Eric Schroter  

The six-story Health Sciences Education Building at the Phoenix Biomedical Campus houses classrooms, lecture halls, offices, and a below-grade research core. The cladding consists of a 45,000 sq...  

**Services:** Building Enclosure Design  
**Markets:** Education - College & Prep  
**Keywords:** Award Winning, Below-Grade, Building Science, Classroom, Curtain Wall, Design-Build, Field Testing, LEED Projects, Metal, Metal-Copper, Preengineered/Prefabricated/Modular, Signature Project, Thermal and Moisture Drive
**Children's Hospital of Philadelphia, Main Building Expansion**

Philadelphia, PA

**Project Contacts:** Michael Louis, Dean Rutila

The nine-story Main Building, constructed in the early 1970s, featured a glass and aluminum curtain wall. SGH investigated water leakage and prepared repair concepts for the owner’s consideration...

**Services:** Building Enclosure Design, Building Enclosure Investigation

**Markets:** Health Care

**Keywords:** Construction Administration, New Construction, Curtain Wall, Glass and Glazing, Signature Project, Skylight, Water Leakage, Waterproofing, Windows

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**140 New Montgomery Street**

San Francisco, CA

**Project Contacts:** Carolyn Searls

Completed in the mid-1920s, 140 New Montgomery Street is one of the early skyscrapers built in San Francisco. The Art Deco high-rise, originally known as the Pacific Telephone and Telegraph...

**Services:** Building Enclosure Rehabilitation

**Markets:** Office

**Keywords:** Adaptive Reuse, Award Winning, Glass and Glazing, High Rise, Historic, Masonry, Masonry-Terra Cotta, National Register of Historic Places, Preservation Technology, Roof Replacement, Roofing, Windows

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**National September 11 Memorial and Museum**

New York, NY

**Project Contacts:** William Konicki, Nathaniel Smith, Milan Vatovec

The “bathtub” slurry wall at the World Trade Center (WTC) site survived when the WTC towers collapsed in 2001, making it a symbol of endurance. WTC site redevelopers wanted a section
Seabrook Station Nuclear Power Plant

Seabrook, NH

Project Contacts: Jesse Beaver, Said Bolourchi, Matthew Sherman

The discovery of alkali-silica reaction (ASR) in concrete structures at the Seabrook Station Nuclear Power Plant (Seabrook) was first documented case of ASR at any U.S. nuclear facility. The...

Services: Materials Investigation, Structural Investigation

Markets: Nuclear

Keywords: Concrete, Cracking, Field Testing, Laboratory Testing and Analysis, Nondestructive Testing, Petrography

Massachusetts State House

Boston, MA

Project Contacts: Susan Knack-Brown

The State House was constructed in three phases. The original Federal/Georgian building was designed by Charles Bulfinch and completed in 1798. In 1896, a renaissance revival Annex with yellow...

Services: Building Enclosure Rehabilitation, Structural Rehabilitation

Markets: Government

Keywords: Award Winning, Condition Assessment, Dome, Emergency Response, Historic, Masonry, National Register of Historic Places, Preservation Technology, Renewable Energy: Photovoltaics, Roofing, Water Leakage
San Francisco War Memorial Veterans Building
San Francisco, CA
Project Contacts: Ronald Hamburger, Stephen Harris, Carolyn Searls
The San Francisco War Memorial Veterans Building and adjacent Opera House are aesthetically-similar, Beaux-Arts structures commemorating U.S. veterans of World War I. The Veterans Building...
Services: Building Enclosure Rehabilitation, Structural Rehabilitation
Markets: Cultural
Keywords: Award Winning, Code Compliance, Historic, Masonry, Masonry-Terra Cotta, Metal, Metal-Steel, Monumental Buildings, National Register of Historic Places, Preservation Technology, Revit/BIM, Roofing, Seismic Engineering and Retrofit, Skylight, Stone-Granite, Theater/Performing Arts

Boston Harbor Islands Pavilion
Boston, MA
Project Contacts: Matthew Johnson, Paul Kassabian
The Boston Harbor Island Alliance and the National Park Service wanted the first permanent structure on the Rose Kennedy Greenway to act as a beacon, attracting people to Boston’s Harbor Islands....
Services: Structural Design
Markets: Cultural
Keywords: Award Winning, Concrete, Construction Consulting, Exhibitions/Park Pavilions, Metal, Metal-Steel, Mockup, Renewable Energy: Photovoltaics

Massachusetts Institute of Technology, Building 10 Great Dome
Cambridge, MA
Project Contacts: Peter Babaian, Emily Hopps
MIT's Main Group Buildings, dedicated in 1916, include Building 10 with its prominent limestone- and copper-clad
Great Dome. SGH investigated leakage into the Barker Library below the Great Dome...

**Services:** Building Enclosure Rehabilitation  
**Markets:** Education - College & Prep  
**Keywords:** Award Winning, Dome, Library, Masonry, Metal, Metal-Copper, Mockup, Preservation Technology, Signature Project, Stone-Limestone, Thermal and Moisture Drive, Waterproofing

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**Nemours Children's Hospital**  
**Orlando, FL**  
**Project Contacts:** Michael Bolduc, John Thomsen, Joseph Zona

The Nemours Children’s Hospital includes four buildings on a 60-acre campus. The two seven-story, cast-in-place concrete hospital and clinic buildings and two steel-framed, two-story structures...

**Services:** Building Enclosure Design, Structural Design  
**Markets:** Health Care  
**Keywords:** Below-Ground Waterproofing, Building Enclosure Commissioning, Concrete, New Construction, Green / Sustainable Design, Green Roofs, Ground (Soil) Improvement, Hospital, LEED Projects, Revit/BIM

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**Harvard University Science Complex, MWRA Sewer**  
**Allston, MA**  
**Project Contacts:** Daniel Valentine, Mehdi Zarghamee

Harvard University planned to locate a new science complex above a Massachusetts Water Resources Authority (MWRA) brick masonry pipeline that was over 115 years old. The University was concerned...

**Services:** Structural Investigation  
**Markets:** Water/Wastewater  
**Keywords:** Adjacent Construction, Masonry-Brick, Nonlinear, Pipe, Soil-Structure Interaction, Vibration / Fatigue Analysis
Storrow Drive Interchange/Tunnels
Boston, MA

Project Contacts: Rosalind Imbaro, Paul Kelley, Atis Liepins

Storrow Drive, a parkway along the Charles River in Boston, carries more than 100,000 vehicles per day. The tunnels provide access to city streets, and are constructed of reinforced concrete...

Services: Materials Rehabilitation, Structural Design
Markets: Highway & Tunnel
Keywords: Award Winning, Below-Grade, Bridge, Major Vehicular, Concrete, Construction Administration, Cracking, Emergency Response, Field Testing, Tunnel

Bay Area Rapid Transit (BART), East Station Plaza, Danseurs (Dancing Ladies)

Union City, CA

Project Contacts: John Sumnicht

Union City sought to develop a civic plaza with a featured centerpiece and commissioned a terraced fountain with three bronze Danseurs on platforms positioned within the fountain. With the...

Services: Structural Design
Markets: Cultural
Keywords: Art Work, Award Winning, Base Isolation, Seismic Isolation

Worcester Polytechnic Institute, Sports and Recreation Center

Worcester, MA

Project Contacts: Sal Capobianco

Recognizing sports and fitness are important to the campus community, Worcester Polytechnic Institute (WPI) wanted to update its current facilities by constructing a new sports and recreation...

Services: Structural Design
Archdiocese of Boston, Multiple Building Condition Assessments

Boston, MA

Project Contacts: Paul Kelley, Milan Vatovec

With a need to evaluate more than 100 properties with a total of 200 individual structures, the Archdiocese of Boston asked SGH to develop and implement a condition assessment program that...

Services: Building Enclosure Investigation, Structural Investigation

Markets: Religious

Keywords: Condition Assessment-Multi-Building, Religious, Spire/Bell Tower, Term Contracts and IDIQs

Veterans Administration Medical Center Building ICU Addition

Providence, RI

Project Contacts: Michael Bolduc, John Thomsen

The Veterans Administration (VA) needed to expand the Intensive Care Unit (ICU) at the Providence facility to accommodate increasing health care demands and advancing technology. The VA undertook...

Services: Structural Design

Keywords: Addition, Hospital, Metal-Steel
Central Records Complex
Winchester, VA
Project Contacts: Peter Babaian, Bradford Carpenter

The Federal Bureau of Investigation needed space to house and automate the storage of their extensive file collection. The new Central Records Complex will house more than two billion pages, which...

Services: Building Enclosure Design
Keywords: Award Winning, Concrete-Precast, Curtain Wall, Design-Build, Roofing, Walls, Walls and Fenestration, Windows

Bowdoin College, Park Row Apartments
Brunswick, ME
Project Contacts: Jason Der Ananian

Needing to expand its housing options, Bowdoin College undertook several projects, including constructing the new Park Row Apartments for upperclass students. The eighty-eight-bed development...

Services: Building Enclosure Design
Keywords: Air Infiltration, Building Science, Construction Administration, Dormitory, Field Testing, Mechanical/Electrical System, Nondestructive Testing, Peer Review, Residential, Walls

University of California San Diego, Canyon Vista Marketplace
San Diego, CA
Project Contacts: Nathan Wittasek

UC San Diego saw an opportunity to redesign their existing dining hall in Warren College in a way that would better use the existing space and provide more food options for the students. The...

Services: Structural Design
Keywords: Code Consulting, Fire, Fire Engineering, Retail, School
Jade Signature
Miami, FL
Project Contacts: Jeffry Ceruti, Sean Homem

With an oceanfront site and three floors of amenities, the Jade Signature brings a resort experience to residents' everyday life. The fifty-five-story condominium building features an exposed cast...

Services: Building Enclosure Design, Structural Design
Keywords: Balcony, Below-Ground Waterproofing, Concrete, Drainage, High Rise, Residential, Waterproofing

Bowdoin College, Schiller Coastal Studies Center
Orr's Island, ME
Project Contacts: Jason Der Ananian

Bowdoin College’s Schiller Coastal Studies Center, comprising 118 acres of coastal spruce-pine forest and 5 mi of coastline, serves as a living laboratory for research and learning. After...

Services: Building Enclosure Design
Keywords: Air Infiltration, Building Science, Construction Administration, Field Testing, Mechanical/Electrical System, Nondestructive Testing, Peer Review, Roofing

The Avery, Transbay Block 8, 400-450 Folsom Street
San Francisco, CA
Project Contacts: Craig Allender, Xiu Li

The mixed-use development at 400 Folsom Street includes a fifty-five-story tower (The Avery) and two low-rise buildings designed by the executive architecture team of Office for Metropolitan...

Services: Building Enclosure Design
Keywords: Below-Ground Waterproofing, Curtain Wall, High Rise, Masonry-Brick, Plaza, Residential, Retail, Roofing, Waterproofing, Windows
University of Massachusetts, Isenberg School of Management
Amhert, MA
Project Contacts: Jeffry Ceruti, Pedro Sifre, Michael Tecci

With its new addition, the Isenberg School of Management consolidates departments and encourages collaboration in such spaces as the 5,000 sq ft learning commons, innovation and analytics...

Services: Building Enclosure Design, Structural Design
Keywords: Classroom, Curtain Wall, Mockup, Peer Review, Roofing

Museum of the Bible
Washington, DC
Project Contacts: Bradford Carpenter, Dean Rutila

At 140 ft long and 40 ft high, the Museum of the Bible is one of the largest museums in Washington. The privately funded project provides a repository for thousands of biblical and historical...

Services: Building Enclosure Design, Structural Design
Keywords: Award Winning, Curtain Wall, Industrial Rope Access, Metal-Copper, Mockup, Roofing, Skylight

Eliot Memorial Bridge
Milton, MA
Project Contacts: Rosalind Imbaro, Aaron Lewis

The Eliot Memorial Bridge, a stone arch pedestrian bridge, was constructed circa 1904 in the Blue Hills Reservation. The bridge carries the popular Skyline Trail over a ravine. In certain areas...

Services: Materials Rehabilitation
Keywords: Bridge, Pedestrian, Laboratory Testing and Analysis, Petrography, Preservation Technology, Stone, Stone-Granite
University of California, Center for Vision Neuroscience

San Francisco, CA

Project Contacts: Kenneth Klein

To meet future space needs, the University of California acquired the sixty-acre Mission Bay Campus. The first phase of development on the four-acre East Campus includes a new Center for Vision...

Services: Building Enclosure Design

Keywords: Building Enclosure Commissioning, Classroom, Commissioning, Curtain Wall, Laboratory, Mockup, Window Wall

University of Chicago, Woodlawn Residential Commons

Chicago, IL

Project Contacts: Derek McCowan

Looking to add more on-campus housing, the University of Chicago undertook a project to add a new residence hall and dining commons to Campus South. The new, four-building complex houses...

Services: Building Enclosure Design

Keywords: Curtain Wall, Dormitory, Field Testing, Mockup, Peer Review, Walls, Windows