



BRICK ARCHITECTURE

From the Brick Industry Association



The 2015 Brick in Architecture Award Winners



BEST IN CLASS WINNERS



IN THIS ISSUE – DECEMBER 2015

Since 1989, the Brick in Architecture Awards have been one of the most prestigious national architectural award programs featuring clay brick. Architecture firms from around North America enter their best projects to be judged by a jury of their peers.

This year, a diverse panel of architects independently reviewed and scored each of the entries. Based on the technical and creative use of brick in meeting the aesthetic and functional design challenges, the Brick Industry Association is pleased to showcase the following projects which were chosen as the Best in Class in their respective categories.

Maryland House Aberdeen, MD

Since 1963, Maryland House was the first rest area visitors encountered as they traveled north from Baltimore. It recently reached the end of its useful life, so in its place, the state of Maryland commissioned a modern travel plaza that drew on its established architectural identity. Rooted in the abundance of brick seen around Baltimore, the new design embraced the vocabulary of its simple brick architecture and adapted it to the modern need for more open space.

To create this new gateway to Maryland, Ayers Saint Gross unified the plaza's architecture, interiors, landscape, and environmental signage. Iconic gabled forms now greet visitors. Once inside, the open space provides unhindered views to all the services as well as to the site's preserved,



mature outdoor landscape.

The bold design responds to the scale and speed of the highway as well as to the high number of users. However, its modular brick units at once recall a civic scale while also evoking the imagery and materiality of domestic environments.

The building is awaiting a LEED Silver rating. ■

Architect:

Ayers Saint Gross

Brick Manufacturer:

The Belden Brick Company

Brick Distributor:

L&L Supply,

Division of Glen-Gery Brick

Mason Contractor:

Campitelli Masonry, Inc.

Photographer:

Tom Holdsworth

Credits appear as submitted in entry form

EDUCATIONAL DESIGN (COLLEGES & UNIVERSITIES)

El Camino College Math, Business, and Allied Health Building Torrance, CA

Built in the 1960s, El Camino College stands as one of the best examples of mid-century architecture in the Compton Community College District system. The administration, therefore, requires that any new campus buildings utilize matching materials such as clay brick, concrete, and glass to continue the strong sense of place that has been established.

The College's new Math, Business, and Allied Health Building combined three previously separate programs under one roof. To bring unity to its surroundings, the architects chose clay brick as the primary building material. The natural feel, durability, and longevity of brick also signals the sustainable intent of the building.

Long-term use also played a factor in determining the L-shaped design of the building. With vertical



circulation elements located on the corners at the perimeter, interior spaces remain flexible and can easily be reconfigured as programs change.

An unforeseen result of the construction was that efficient building design helped create project savings, which the design team redirected to improve the landscape. It was not part of the original plan, but a large protected courtyard is now defined by the L-shape footprint and further enhances the end result of the project. ■

Architect:

LPA

Builder:

Taisei Corporation

Mason Contractor:

Silverline Construction

Photographer:

Cris Costea

Credits appear as submitted in entry form

Lanphier Center for Mathematics and Computer Science, Choate Rosemary Hall Wallingford, CT

Architect:

Pelli Clarke Pelli Architects

Landscape Architect:

Ryan Associates

Builder:

Newfield Construction

Brick Manufacturer:

Glen-Gery Corporation

Mason Contractor:

F. Monarca Masonry

Photographers:

Pelli Clarke Pelli Architects

Bill Raab

Credits appear as submitted in entry form

The new Lanphier Center for Mathematics and Computer Science at Choate Rosemary Hall is a 34,700-square-foot, three-story academic building brimming with state-of-the-art science labs. It has also become a central gateway and communal space on campus.

The goal for the architects was to create a building that was deeply sympathetic to its context but also one that evoked the innovative curriculum taught inside. Therefore, the design of the building takes its cue from the natural and historic charms of campus. A venerable 150-year-old copper beech tree determined the form of the building and is the focal point of the newly created courtyard. Two classroom wings linked by a transparent glass connector wrap around the tree and elicit the feeling of being in a treehouse. After extensive analysis of the site and campus architecture, the design team chose white brick for the exterior. The



decision ultimately brought the new Lanphier Center into harmony with its landmark neighbors—the red brick Archbold Hall and the surrounding white brick and clapboard residences.

Both the building systems and materials were chosen for sustainability. The building's fabric includes locally-produced, natural, recycled content as well as high-performance materials such as clay brick. The Lanphier Center is designed to LEED Gold standards and will use less than 35 percent of the energy of a conventional building. ■

HEALTH CARE FACILITIES DESIGN

Mayo Clinic Health System Cannon Falls, MN

Mayo Clinic Health System in Cannon Falls provides critical care to a growing farm community nestled in the hill country 45 minutes south of Minneapolis. The \$28 million replacement hospital project more than tripled the health care facility's previous size to 80,000 square feet.

Sited on a hill overlooking the main highway, the project had three main aesthetic goals: provide a beacon for the community on the hilltop, capture the views of the valley for patients, and convey a professional image to make Cannon Falls the preferred place to go for care. The

choice of brick allows the facility to achieve those goals while also giving the facility of sense of permanence and stature.

The design team chose tones of tan and beige for the entry façade. Set against a main palette of red brick, these natural tones mimic the stone aesthetic that characterizes the region, but at a lower cost. The rich, earthy colors of the brickwork also blend in with the surrounding environment, allowing the facility to grow out of the hillside and become a natural part of the landscape.

Brick, for all its qualities of durability, sustainability, and natural beauty, proved to be the sensible design choice for the Mayo Clinic's new hospital. ■

Architect:

BWBR

Brick Manufacturer:

The Belden Brick Company

Mason Contractor:

J & K Masonry

Photographer:

Philip Prowse Photography

Credits appear as submitted in entry form



Saint Paul the Apostle Catholic Church Westerville, OH



As one of the largest parishes in the state of Ohio, Saint Paul the Apostle Catholic Church embodied the contemporary design aesthetic of the 1960s and the spirit of Vatican II. While the simplicity and beauty of that church served the parish well, it could no longer house the growing numbers of parishioners each week. The congregation recognized that it was time to provide parishioners with a new 38,000-square-foot central worship space and an adjoining chapel for more intimate services.

new worshipers and visitors while the massive brick exterior face boasts impressive corbelling that is accented with stone diapering anchors.

Built on limited space, the new church was constructed adjacent to the existing church but had to be done in a way that would not disrupt ongoing services. The old structure was then demolished once the new one was complete. Constructed with thick walls and semicircular arches in the Romanesque tradition, the warm brick edifice took just under two years to complete. The east porch welcomes

Saint Paul the Apostle Catholic Church serves as the centerpiece to a flourishing parish campus. With clay brick as a key to its aesthetic approach, the new church feels timeless and permanent. ■

Architect:

David B. Meleca Architects LLC

Builder:

Corna Kokosing

Brick Manufacturer:

The Belden Brick Company

Mason Contractor:

International Masonry, Inc.

Photographer:

Brad Feinknopf

Credits appear as submitted in entry form

MUNICIPAL / GOVERNMENT / CIVIC DESIGN

Bruce C. Bolling Municipal Building Roxbury, MA

The Bruce C. Bolling Municipal Building stands front and center in Boston's newly developed Dudley Square. The new home of the city's school administration, the building is a key player in a larger vision to revitalize the once-thriving urban neighborhood.

Working closely with the community and historic preservationists, the project stitched together the existing historic façades of three adjacent buildings. The Ferdinand Building serves as an "ambassador" to Dudley Square with its five-story, Baroque Revival, wedge-shaped design. The second façade on the Curtis Building was designed in the Queen Anne style in 1888 and is primarily brick with brownstone trim. The design team anchored the new construction around three corners of the triangular site in a seamless, well-conceived composition. The end result is one unified building that uses modern components to connect with the detailing of the other façades.



and modern response to the timeless craftsmanship of the incorporated buildings. In addition to its aesthetic benefits, brick also proved to have durable, functional benefits within the existing historic district.

Clay brick played not only a material role in unifying the existing façades, but it also provided a contextual, sinuous,

The project is intended to achieve LEED Silver Certification. ■

Architects:

Mecanoo Architecten and Sasaki Associates, Inc.

Builder:

Shawmut Design & Construction

Brick Manufacturer:

Endicott Clay Products Company

Brick Distributor:

Spaulding Brick Company, Inc.

Mason Contractor:

Grande Masonry, LLC

Photographers:

Mecanoo Architecten

Shawmut Design & Construction

Credits appear as submitted in entry form

PAVING AND LANDSCAPE ARCHITECTURE DESIGN

Converse College Johnson Plaza Spartanburg, SC

Architect:

SeamonWhiteside

Builder:

Roebuck Wholesale Nursery
and Landscaping

Brick Manufacturer:

Pine Hall Brick Company, Inc.

Mason Contractor:

Roebuck Wholesale Nursery
and Landscaping

Photographers:

Forrest Briggs Photography
SeamonWhiteside

Credits appear as submitted in entry form

In honor of Converse College's 125th anniversary, the school's president commissioned the design of Johnson Plaza.

Sited between the campus gateway and Wilson Hall, Johnson Plaza plays a significant role in welcoming students and visitors to the college. For years, the elliptical plaza had been unsightly and inaccessible. To counter that, the architects designed an inviting space with clay brick pavers to serve as a front door to the campus and encourage pedestrian movement across the space. The distinct paving patterns also soften the visual and physical impact of vehicular traffic across the space. The seat walls, which incorporate bullnose shapes and Spanish bond pattern details, integrate the plaza with the historic architecture and encourage views across the Converse College seal toward the pastoral campus lawn.

Thanks to a successful clay paver design, Johnson Plaza has become a new centerpiece for Converse College. It is a timeless space that honors its historic context and respects its surrounding landscape. ■



RESIDENTIAL – MULTI-FAMILY DESIGN

Creston Avenue Residence Bronx, NY

The Creston Avenue Residence boasts ten stories of new affordable housing set amongst buildings half the size.

Amid a curtain of neighboring brick, the building divides into three smaller masses. The brick sections remain materially and proportionally consistent with the adjacent structures. However, a tonal shift from a warm red to an eggplant-colored Norman-size brick yields a less saturated surface. The metal panels lessen the apparent size of the building as they stretch over the middle and top of the structure. Draped in soft hues of color with a light, airy feel, the metal panels work in tandem with large windows creating reflections that brighten the façade.

Designed to achieve LEED Platinum status and meet the goals of the NYSERDA Multifamily Building Performance Program for New Construction, the development requires at least 20% energy reduction and efficiency to fulfill the ENERGY STAR guidelines.



From all angles of this modern construction, quality materials, design, and craftwork can be seen. As a result, the Creston Avenue Residence carries on the integrity and character of this historic Bronx neighborhood. ■

Architect:

Magnusson Architecture and
Planning, PC

Landscape Architect:

Terrain-NYC

Builder:

Sisca Northeast

Mason Contractor:

BTF Construction, LLC

Photographer:

Ari Burling Photography

Credits appear as submitted in entry form

Naylor Court Stables Townhomes Washington, D.C.

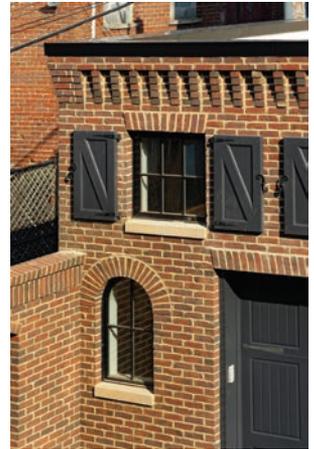
Dating back to the late 18th century, the historic district in which Naylor Court Stables townhomes are located is one of the last examples of “alley dwellings” remaining in the nation’s capital. Most of these dwellings were torn down by the mid-20th century, but the Naylor Court Historic District remains largely preserved with the alleys remaining nearly completely intact to their original alignment.

Designed to resemble nearby former horse stables and historic carriage homes, the new four-story luxury homes each have a rear carriage house, and all three homes share a single brick motor court. A boxy design was chosen for the townhomes, which emulates the simple, clean lines of the utilitarian alleys of the

1800s. To match the adjacent homes, the architects used a brick formed by the wood-mold process rather than by the steel-mold.

Original schemes included much heavier detailing than historic regulations would allow, so a meticulously designed brick cornice was incorporated to subdue the rectilinear feel of the townhomes. A straw-colored mortar was chosen to match the trim on the window sills and headers, roof deck, and covered front entryways in keeping with the historic façade.

The developers succeeded in creating modern, luxurious, new-build townhomes with the look of a 19th century urban stable. Clay brick products played an essential role in keeping with the authentic century-old architecture of the surrounding buildings. Today, the townhomes fit in seamlessly with the architectural feel of the historic neighborhood. ■



Architect:

GPS Designs

Builder:

Opal, LLC

Brick Manufacturer:

General Shale, Inc.

Mason Contractor:

M V & Son Masonry

Photographer:

Bob Narod, Photographer, LLC

Credits appear as submitted in entry form

BIA would like to thank this year’s judges for their efforts and expertise

Jake Bailey - Cohen Carnaggio Reynolds

Scott Burnett - Cohen Carnaggio Reynolds

Brian Farling - Jones Studio, Inc.

Gregory Hoss - David M. Schwartz Architects

Steven Imrich - Cambridge Seven Associates, Inc.

Orenthal F. Jeffries - Altamanu, Inc.

Mic Johnson - Architecture Field Office

David Kuhlman - Jaeger Nickola Kuhlman Architects

Deborah Moelis - Handel Architects

Federico Olivera Sala - SK+I Architecture

Chris Taylor - The Eisen Group

Jose Luis Perez-Griffo Viqueira - STL Architects, Inc.

The 2015 Brick in Architecture Award Winners

GOLD WINNERS

COMMERCIAL

Crestview Retail - Landover, MD

Architect: Bonstra | Haresign ARCHITECTS
Landscape Architect: Loiederman Soltesz Associates, Inc.
Builder: Eichberg Construction
Manufacturer: Endicott Clay Products Company
Manufacturer: The Belden Brick Company
Mason Contractor: Wells & Associates

Market Square South - Conway, AR

Architect: Polk Stanley Wilcox
Builder: Nabholz Construction
Manufacturer: Endicott Clay Products Company
Manufacturer: Carolina Ceramics Brick Co.
Mason Contractor: Dunaway Masonry, Inc.

EDUCATIONAL (COLLEGES & UNIVERSITIES)

Old Town School of Folk Music - Chicago, IL

Architect: VOA Associates Incorporated
Builder: Bulley & Andrews
Manufacturer: Endicott Clay Products Company
Mason Contractor: A. Horn, Inc.

EDUCATIONAL (K-12)

Westbrook Elementary School - Bethesda, MD

Architect: Muse Architects
Builder: Hess Construction
Manufacturer: Redland Brick Inc.
Mason Contractor: Karon Masonry of Maryland, Inc.

HEALTH CARE FACILITIES

Springfield Clinic First North Campus Memorial Medical Center - Springfield, IL

Architect: BSA LifeStructures
Landscape Architect: Massie, Massie & Associates
Builder: Harold O'Shea Builders
Manufacturer: Glen-Gery Corporation
Mason Contractor: R.M. Willey, Inc.

HOUSES OF WORSHIP

Lenoir Rhyne Chapel - Hickory, NC

Architect: Clark Patterson Lee
Manufacturer: Statesville Brick Company
Mason Contractor: Master Masonry

MUNICIPAL / GOVERNMENT / CIVIC

Cedar Rapids Central Fire Station - Cedar Rapids, IA

Architect: Solum Lang Architects
Landscape Architect: Lee Design Group
Builder: Miron Construction Co., Inc.
Manufacturer: Glen-Gery Corporation
Mason Contractor: Seedorff Masonry, Inc.

PAVING & LANDSCAPE ARCHITECTURE

Downers Grove Residence - Downers Grove, IL

Architect: Bruss Landscaping, Inc.
Manufacturer: Whitacre Greer Co.
Mason Contractor: Bruss Landscaping, Inc.

Kent State University Esplanade - Kent, OH

Architect: The Collaborative
Manufacturer: The Belden Brick Company
Distributor: W.L. Tucker Supply Company
Mason Contractor: Gator Construction

RESIDENTIAL – MULTI-FAMILY

Bainbridge Bethesda - Bethesda, MD

Architect: SK+I Architecture
Landscape Architect: Parker Rodriguez
Builder: Turner Construction
Manufacturer: The Belden Brick Company
Distributor: Potomac Valley Brick & Supply Company
Mason Contractor: Baltimore Masonry

Harlem River Point - New York, NY

Architect: GF55 Partners
Manufacturer: The Belden Brick Company
Mason Contractor: Chatsworth Builders

SILVER WINNERS

COMMERCIAL

Art Van Sports Complex Championship Field - Rockford, MI

Architect: Progressive AE
Manufacturer: The Belden Brick Company
Mason Contractor: Burggrabe Masonry, Inc.

EDUCATIONAL (COLLEGES & UNIVERSITIES)

UC Riverside Student Recreation Center Expansion - Riverside, CA

Architect: CannonDesign
Landscape Architect: Carter, Romanek Landscape Architects
Builder: CW Driver
Mason Contractor: Persall Masonry, Inc.

UMBC Performing & Fine Arts Building - Baltimore, MD

Architect: Grimm & Parker Architects
Builder: Whiting Turner Contracting Company
Distributor: Potomac Valley Brick & Supply Company
Mason Contractor: Banner Masonry Corporation

EDUCATIONAL (K-12)

Convent of the Sacred Heart (CSH) Athletics & Wellness Center - New York, NY

Architect: BSK Architects
Manufacturer: Endicott Clay Products Company
Distributor: Belden Tri-State Building Materials
Precaster: BPD, Inc.

HOUSES OF WORSHIP

St. Patrick's Catholic Church - Fayetteville, NC

Architect: WKWW Architects
Builder: Ellis-Walker Builders
Manufacturer: Pine Hall Brick Company, Inc.
Distributor: Lee Brick and Tile Company, Inc.
Mason Contractor: Simmons Masonry

MUNICIPAL / GOVERNMENT / CIVIC

City of Charlotte Fire Department Headquarters - Charlotte, NC

Architect: TOBIN, PLLC
Landscape Architect: Stewart, Inc.
Builder: Myers & Chapman, Inc.
Manufacturer: The Belden Brick Company
Distributor: The Brickyard
Mason Contractor: Leder Masonry, Inc.

Manteca Transit Center - Manteca, CA

Architect: LDA Partners, LLP
Builder: Diede Construction
Mason Contractor: Sierra Nevada Stucco

PAVING & LANDSCAPE ARCHITECTURE

Lincoln Park Zoo, West Entry - Chicago, IL

Architect: Eight Architects, Inc.
Landscape Architect: The Portico Group
Builder: Pepper Construction Company
Manufacturer: Pine Hall Brick Company, Inc.
Mason Contractor: LPS Pavement Company

RESIDENTIAL – MULTI-FAMILY

Hour Apartment House III - Long Island City, NY

Architect: Edelman Sultan Knox Wood / Architects
Landscape Architect: A. Billie Cohen, Ltd.
Builder: G. Fazio Construction Co., Inc.
Manufacturer: Glen-Gery Corporation
Mason Contractor: G. Fazio Construction Co., Inc.

BRONZE WINNERS

COMMERCIAL

Blue Earth Place - Manhattan, KS

Architect: The Ebert Mayo Design Group
 Builder: Ron Fowles Construction
 Manufacturer: Glen-Gery Corporation
 Mason Contractor: Five Star Masonry

Dr. Phillips Center for the Performing Arts - Orlando, FL

Architect: HKS Architects
 Associate Architect: Baker Barrios Architects
 Manufacturer: Glen-Gery Corporation
 Mason Contractor: Pyramid Masonry Contractor

EDUCATIONAL (COLLEGES & UNIVERSITIES)

Commencement Hall - Tacoma, WA

Architect: Bohlin Cywinski Jackson
 Landscape Architect: Berger Partnership
 Builder: Korsmo Construction
 Mason Contractor: Keystone Masonry, Inc.

Liberty University Library & Academic Commons - Lynchburg, VA

Architect: VMDO Architects, P.C.
 Landscape Architect: Gregg Bleam Landscape Architect
 Builder: Branch and Associates
 Mason Contractor: J.D. Long Masonry, Inc.

Morris Inn - Notre Dame, IN

Architect: University of Notre Dame
 Builder: Leidal & Hart
 Manufacturer: The Belden Brick Company
 Supplier: Masonry Cosmetics, Inc.
 Mason Contractor: Leidal and Hart

EDUCATIONAL (K-12)

Educational Building - Pre-K Center - Brooklyn, NY

Architect: Spector Design Company
 Builder: 1215-1219 Avenue X, LLC
 Manufacturer: The Belden Brick Company
 Mason Contractor: Russo Construction, LLC

HEALTH CARE FACILITIES

DCPCA Parkside Healthcare Facility - Washington, D.C.

Architect: Little Diversified Architectural Consultants
 Manufacturer: Carolina Ceramics Brick Co.
 Distributor: Potomac Valley Brick & Supply Company
 Mason Contractor: United Masonry of Virginia

East Cooper Regional Medical Center MOB - Mount Pleasant, SC

Architect: LS3P Associates, Ltd.
 Landscape Architect: Design Works
 Builder: Mashburn Construction Company
 Manufacturer: Hanson Brick
 Mason Contractor: Citadel Contractors, Inc.

St. Luke's Hospice - Kansas City, MO

Architect: Matrix Architects Incorporated
 Landscape Architect: Kleingers & Associates
 Builder: JE Dunn Construction Co., Inc.
 Manufacturer: Glen-Gery Corporation
 Mason Contractor: Trio Masonry, Inc.

HOUSES OF WORSHIP

St. Mary's Catholic Church Columbarium/Sacristy - Greenville, SC

Architect: McMillan Pazdan Smith Architecture
 Builder: Cameron Construction
 Manufacturer: Carolina Ceramics Brick Co.
 Mason Contractor: Nelson Masonry

PAVING & LANDSCAPE ARCHITECTURE

Florida Residence - Palm Harbor, FL

Architect: Oliveri Architects
 Builder: Brandon Construction
 Manufacturer: Whitacre Greer Co.
 Distributor: Oldcastle Coastal/Coloroc
 Mason Contractor: Artistic Pavers

Georgian Pool Pavilion - Greenwich, CT

Architect: Douglas VanderHorn Architects
 Builder: Significant Homes, LLC
 Mason Contractor: N Vona Sons-in-Law Masonry

Italian Fountain - Philadelphia, PA

Architect: OLIN
 Manufacturer: Whitacre Greer Co.
 Distributor: Church Brick Company
 Mason Contractor: Tough Turf, LLC

RENOVATION / RESTORATION

Woodley Wardman - Washington, D.C.

Architect: Bonstra | Haresign ARCHITECTS
 Builder: Renovations Unlimited
 Manufacturer: The Belden Brick Company
 Manufacturer: Taylor Clay Products Company
 Mason Contractor: Genco, Inc.

RESIDENTIAL – MULTI-FAMILY

The Adeline - New York, NY

Architect: S9 Architecture
 Manufacturer: Glen-Gery Corporation
 Mason Contractor: MC&O Construction

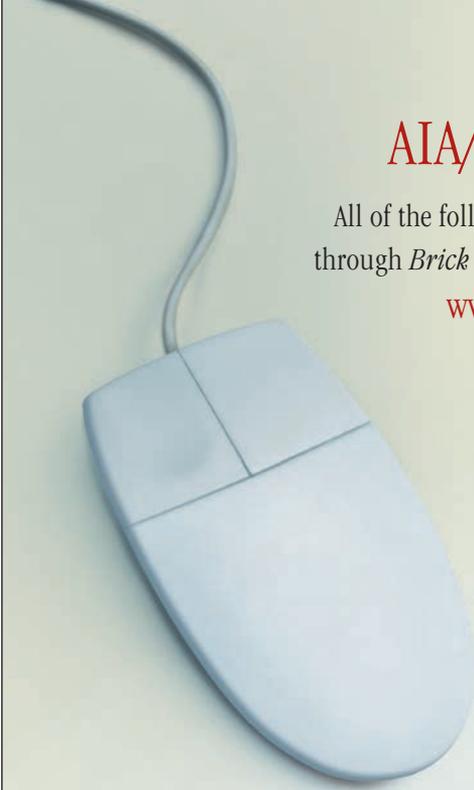
The Drake - Washington, D.C.

Architect: Eric Colbert and Associates
 Builder: Grunley Construction
 Manufacturer: Glen-Gery Corporation
 Distributor: Capital Brick & Tile, Inc.
 Mason Contractor: M&L Construction Group, Inc.

RESIDENTIAL – SINGLE-FAMILY

Strong Place Rowhouses - Brooklyn, NY

Architect: CWB Architects
 Builder: Burda Construction
 Manufacturer: Glen-Gery Corporation
 Mason Contractor: Burda Construction



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- Color and Texture in Brickwork (1.0 AIA LU/HSW)
- Color and Patterns in Brickwork (1.0 AIA LU)
- Construction Administration of Brickwork (1.0 AIA LU/HSW)
- Energy-Efficient Brick Masonry Cavity Walls (1.0 AIA LU/HSW)
- Specifying Brick for Durability and Beauty (1.0 AIA LU)

For questions, contact Tricia Mauer at tmauer@bia.org or 703.674.1539.



Let the Brick Industry Association know about your firm's projects that reflect excellence in design using clay brick. Your project will be considered for publication in upcoming issues of *Brick in Architecture*.

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