


Texas Architect





Acme Brick came of age during the heyday of Butch and The Kid. The Wild Bunch spent time in Fort Worth in the early days when Acme was serving up the brick that built the city. More than a century later, architects across many generations have built the face of the "Best Downtown in America"* to a great degree with Acme Brick.

At the heart of Fort Worth today is Sundance Square Plaza, one more realization in a plan laid out over a quarter century ago to revitalize the 35-block Sundance Square. Its two new Acme Brick buildings frame an urban park with shops and restaurants, and prime office space.

The five-story Commerce Building is divided into three components with distinct brick blends and heights to respond to neighboring historical structures. Across the plaza, on the site of the old Westbrook Hotel is The Westbrook, a six-story structure evoking beloved Art Deco details, including a focal-point clock high above.

The namesakes of Sundance Square Plaza may be gone but the bold entrepreneurial spirit of early Fort Worth is very much alive and well, expressed in Acme Brick, whose incomparable blend of visual appeal and no-nonsense utility won't rob the bank. Enjoy its durable beauty and low-maintenance life-cycle cost advantage, and the friendly expertise of your local Acme representative.

Sundance Square: Building on a Legend



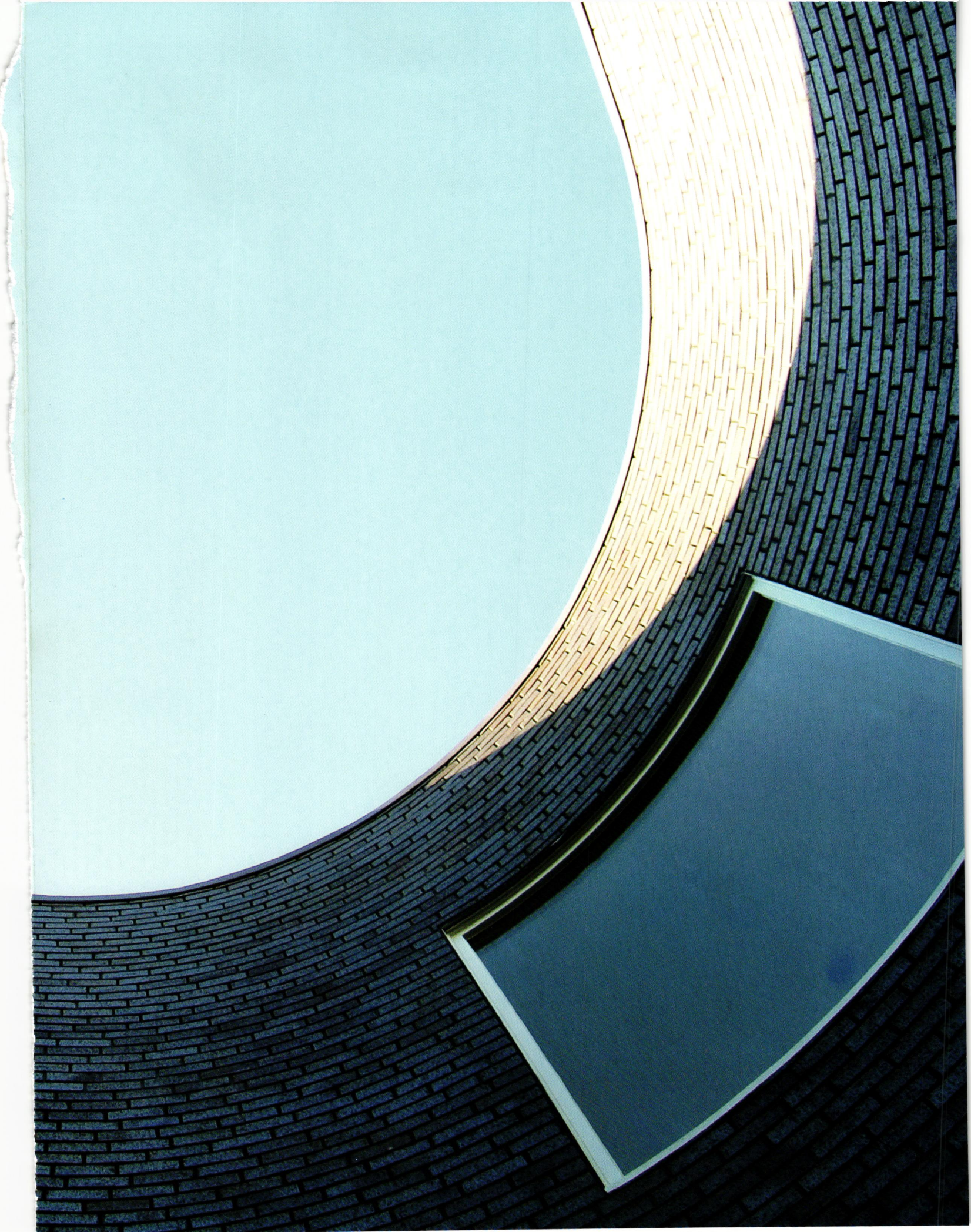
The Westbrook
Perla Mingle: Ridgemar,
Dove Gray modular
smooth brick

Sundance Square Plaza, Fort Worth
The Commerce Building
The Westbrook



**From the earth,
for the earth.®**

LEED-accredited engineers
and full-service support.





The Commerce Building
 Tulsa Crimson (main facade),
 Tuscany (end facade)
 modular smooth

**livability.com 2014 ranking*

architects David M. Schwarz Architects, Washington, DC, and Bennett Benner Partners, Fort Worth

landscape architects Michael Vergason Landscape Architects, Alexandria, VA

general contractor The Beck Group, Fort Worth

masonry contractor DMG Masonry, Arlington, TX

**ACME
 BRICK**
 brick.com

Free design and engineering support for wood buildings



DIAMOND FOODS INNOVATION CENTER
Salem, OR • ZGF Architects

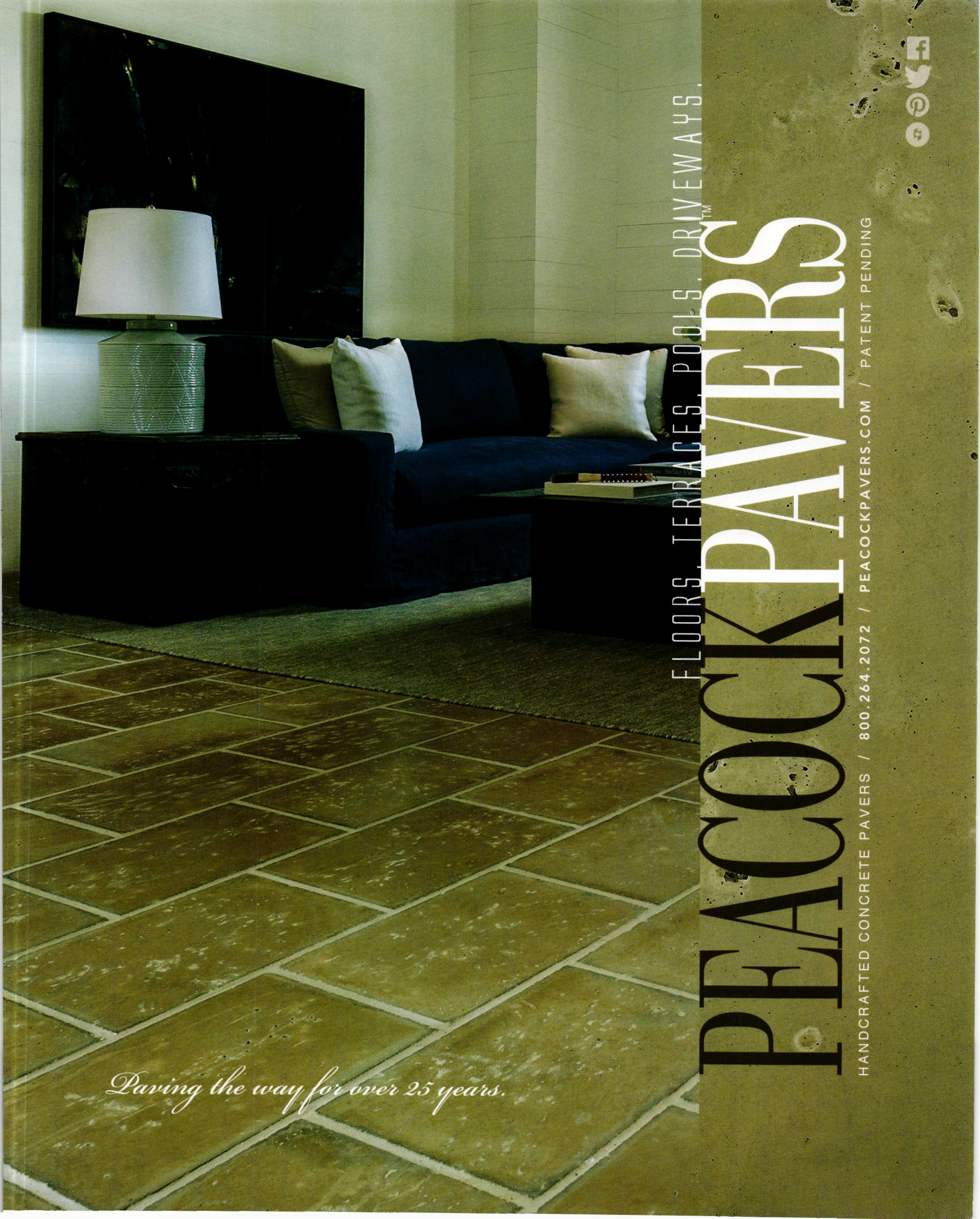
Wood-frame walls, truss roof with exposed structural tongue & groove decking, wood I-joist floors

ECKERT & ECKERT PHOTOGRAPHY

Nationwide support for the code-compliant design, engineering and construction of non-residential and multi-family wood buildings.

- Allowable heights and areas/construction types
- Structural detailing of wood-frame and hybrid material systems
- Fire resistance and acoustical-rated assemblies
- Efficient and code-compliant lateral system design
- Alternate means of code compliance
- Energy-efficient detailing
- Application of advanced building systems and technologies

woodworks.org/project-assistance • help@woodworks.org



FLOORS. TERRACES. POOLS. DRIVEWAYS.™

PEACOCK PAVERS

HANDCRAFTED CONCRETE PAVERS / 800.264.2072 / PEACOCKPAVERS.COM / PATENT PENDING

Paving the way for over 25 years.





©2016 Milgard Manufacturing, Inc.

Milgard Style Line® Series. More Glass, Less Frame.

Style Line® Series vinyl windows are crafted with narrow frames to allow for more visible glass area. The slim-profile design minimizes obstructed view between two windows, making Style Line Series a great choice to use in combinations that reflect a sleek, contemporary look. Frames are available in a multitude of neutral colors to blend with softer tones. Milgard Style Line vinyl windows and doors are made in Texas and backed by a Full Lifetime Warranty with local support you can count on.



Call 817.525.2606 or visit milgard.com/professionals/architects

Clearly the best.™



Texas Architect

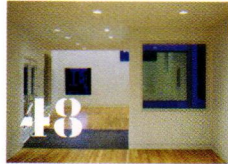
Articles

- 7** Editor's Note
- 8** Contributors
- 9** Letters
- 11** Of Note
- 24** Calendar
- 27** Products
- 31** Essay: The Radius of a Mural
Hannah Ahlblad
- 85** Profile: Dillon Kyle
Aaron Seward
- 89** Recognition
- 92** 2016 Design Expo Listing
- 112** Backpage

2016 Design Awards



44
Boardwalk on Lady Bird Lake
Jack Murphy, Assoc. AIA



48
El House
Jamie Flatt, Assoc. AIA



52
The Cotton Gin at the Co-Op District
Audrey Maxwell, AIA



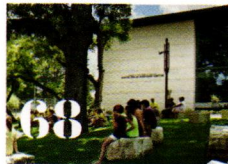
56
Edgeland House
Bart Shaw, AIA



60
BP Center for High Performance Computing
Andrew Hawkins, AIA



64
Hollowcat Wild
Murray Legge, FAIA



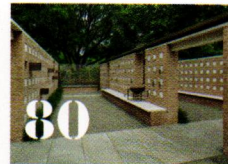
68
South Texas Heritage Center
Brantley Hightower, AIA



72
Gewinner Residence
Aaron Seward



76
Misson San Juan Capistrano
Margaret Sledge, AIA



80
Saint Michael and All Angels Columbarium
Ron Stelmarski, AIA

More Online

▣ txamagazine.org
Brantley Hightower, AIA, discusses the importance of preserving Texas's historic courthouses in a video produced by TxA. It's posted on *Texas Architect's* new website. While you're there, review all of the articles from the most recent issue of the magazine, the latest news on our blog, and our growing digital archive of searchable back issues.



Manufacturing a complete line of
DECORATIVE CONCRETE PRODUCTS

Visit Our
Temple Texas
Showroom

Engineered Concrete Performance
BUTTERFIELD
COLOR
Decorative Concrete Products



September/October 2016
Volume 66, Number 5

The Official Publication of the Texas Society of Architects (Texas Architects) *Texas Architect* (ISSN: 0040-4179) is published six times per year. The Texas Society of Architects is the state component of the American Institute of Architects (AIA). Copyright 2016 by the Texas Society of Architects.

Aaron Seward
Editor
aaron@texasarchitects.org

Pentagram Austin
Art Direction

Elizabeth Hackler
Assistant Publisher
elizabeth@texasarchitects.org

Monica Mendez
Managing Editor and Circulation Manager
monica@texasarchitects.org

Katherine Hoyt
Assistant Editor and Copy Editor

Contributing Editors

Stephen Fox, Houston; **Erico R. Francisco, AIA**, University Park; **W. Mark Gunderson, AIA**, Fort Worth; **J. Brantley Hightower, AIA**, San Antonio; **Greg Ibañez, FAIA**, Fort Worth; **Max Levy, FAIA**, Dallas; **Michael Malone, AIA**, Dallas; **Bryce A. Weigand, FAIA**, Dallas; **Jen Wong**, Austin

Mitchell Kleinschmidt
Sales Manager
mitchell@emconsultinginc.com
800 572 0011

Alyssa Morris
Web Editor and Communications Specialist
alyssa@texasarchitects.org

James T. Perry
Executive Vice President and CEO

Texas Architects Publications Committee

Audrey Maxwell, AIA, Dallas (chair); **Jamie Flatt, Assoc. AIA**, Houston; **Jesse Hager, AIA**, Houston; **Andrew Hawkins, AIA**, Bryan; **Craig Kinney, AIA**, San Angelo; **Murray Legge, FAIA**, Austin; **Jack Murphy, Assoc. AIA**, Austin; **Bart Shaw, AIA**, Fort Worth; **Ronnie Self**, Houston; **Ron Stelmarski, AIA**, Dallas

Texas Architects Board of Directors

Paul Bielamowicz, AIA, Austin, President; **Paul Dennehy, AIA**, Fort Worth, President-elect and Vice President; **Wendy Heger, AIA**, Houston, Vice President; **Lisa Lamkin, AIA**, Dallas, Vice President; **Mike McGlone, AIA**, San Antonio, Vice President; **Adam Reed, AIA**, San Antonio, Vice President; **Darren Heine, AIA**, Brenham, Secretary; **Mike Hellinghauser, AIA**, Dallas, Treasurer; **Sarah Gardner, Assoc. AIA**, Dallas, Associate Member Director; **Nan McRaven**, Public Member Director; **Elizabeth Danze, FAIA**, Austin, Education Member Director; **Justin Oscilowski, Assoc. AIA**, Austin, AIA Associate Regional Director; **Daniel Hart, AIA**, Midland, AIA Strategic Council; **Chris Hudson, AIA**, Houston, AIA Strategic Council; **Donna Kacmar, AIA**, Houston, AIA Strategic Council; **Bill Noonan, AIA**, Abilene Chapter; **Gregg Bliss, AIA**, Amarillo Chapter; **Jaime Palomo, AIA**, Austin Chapter; **Andrew Hawkins, AIA**, Brazos Chapter; **Connie Rivera, AIA**, Corpus Christi Chapter; **Sean Garman, AIA**, Dallas Chapter; **Tommy Razloznik, AIA**, El Paso Chapter; **Matt Green, AIA**, Fort Worth Chapter; **Alyssia Makarewicz, AIA**, Houston Chapter; **Charlie Garcia, AIA**, LRGV Chapter; **Mary K. Crites, AIA**, Lubbock Chapter; **Lowell Tacker, AIA**, San Antonio Chapter; **Bruce Thacker, AIA**, Waco Chapter; **RJ Lopez, AIA**, West Texas Chapter; **Kenneth Dowdy, AIA**, Wichita Falls Chapter

Printed in the U.S.A. Periodicals postage paid at Austin, Texas, and additional mailing offices. Postmaster: Send address changes to *Texas Architect*, 500 Chicon Street, Austin, Texas 78702. Reproduction of editorial content without written permission is prohibited. Contact Circulation Manager for reprint information. Use of names and images of products and services in either editorial or advertising does not constitute an endorsement by the Texas Society of Architects or AIA, nor does comment necessarily reflect an official opinion of either organization. *Texas Architect* is indexed by the Avery Index of Architectural Periodicals.



View from the reception area of the newly renovated TxA office. The twin soffits running the length of the space improve acoustical control and partially conceal an abundance of air conditioning units and ductwork while preserving the airy openness of the interior.

500 Chicon

by Aaron Seward

The building at 500 Chicon Street in East Austin has a storied past. Erected in the 1920s as a storage warehouse for the Gulf Refining Company, it is composed of concrete, brick, full-dimension lumber, and a steel truss roof. Texaco took over ownership sometime in the 1950s or 60s, and in 1976 it was the office of the Associated Republicans of Texas.

It spent a certain number of years vacant. In the 1990s, it may or may not have played host to a gentlemen's bath house, and a group of developers considered turning it into an incubator for fledgling tech companies, much in the mode of the co-working spaces that are all the rage today.

In 2002, graphic design consultancy fd2s scooped it up and hired Houston-based Stern and Bucek Architects to help them transform the old oil barrel shed into their office. The architects installed industrial-looking divided light windows in the brick infill walls, cut a 1,000-sf hole in the wood floor to open the basement to the daylight that spills down from the ceiling's high clerestory, and hung a steel "bird cage" from the trusses. This loft's Corbu-green-painted steel framing integrates with the railing around the cutout and with the stairs that lead to the lower level. They arranged semi-enclosed workspaces around the open-plan

space and inserted a reception desk, enclosed in a metal and glass paneled cube rotated off the axis of the rectangular plan, into the wall by the entrance, where it protrudes out onto the porch. The bird cage was lined with Tatami mats, and fd2s imagined they would use it as a meditation perch from which to conceive their latest branding concepts.

It's difficult to say what level of architectural education or sensitivity the people who originally built 500 Chicon had, yet each of the materials was used in a forthright manner that is very much admired by architects today. The compressive strength of brick is evidenced by its use to form the columns that support the floor's timber girders. The lightness and long-span capabilities of structural steel are on display in the exposed roof trusses. The rugged wood plank floors and the rough, unfinished concrete of the basement's retaining walls have over time developed a variegated patina, as though intended to exhibit the finest principles of the Japanese wabi-sabi tradition. In a culture that by and large favors the new over the old, that expends great amounts of money and energy to tear down perfectly reusable structures in favor of often inferior replacements, it is relieving to see people instead valuing what is there and adapting it to new purposes.

That same spirit fueled 500 Chicon's most recent renovation. The Texas Society of Architects moved into the space in 2011, doing little more than cosmetic touchups to the fd2s layout.

In 2015, the Society hired the Austin office of Lawrence Group to reorganize some of the workspaces, develop an acoustical dampening solution, and complete an efficiency upgrade, all while maintaining as much as possible the openness and raw materiality of the interior. The architects bolted a sunshade to the south face of the building, added a new insulated roof, and installed storm windows, all to improve thermal performance. Some of the offices and conference rooms were entirely enclosed, while others were left open, and two continuous soffits were run down the length of the space for additional acoustic control.

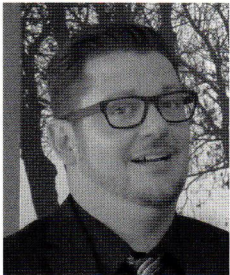
One interesting result of the efficiency upgrade is a greater quantity of machinery and ductwork in the office, much of which is tucked above the soffit, where it hangs from the existing wood ceiling. The effect is much like that conveyed by Rem Koolhaas' installation in the central pavilion of the 2014 Venice Architecture Biennale, which comprised a drop ceiling and a mechanical array suspended beneath the building's frescoed dome. There, as here, the composition reminds us that architecture exists with one foot in the past and the other on the leading edge of technology. It is the negotiation of this dichotomy that defines the profession today.



Contributors



Murray Legge, FAIA is a principal of Murray Legge Architecture in Austin and a co-founder of Legge Lewis Legge, which is based in Austin and New York. Read his article on the Mell Lawrence Architects-designed Hollowcat Wild on page 64.



Andrew Hawkins, AIA is owner of Hawkins Architecture in College Station, which focuses on education and civic projects. He also writes articles for AIA National concerning mobile technologies and is active in the AIA at all levels. Hawkins believes in sustainable design, technology in practice, and the power of thoughtful architecture. He writes about HOK's computing center for BP on page 60.



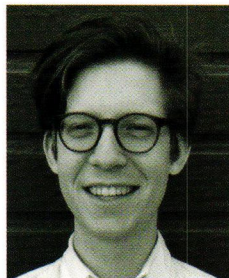
Igor Siddiqui is an architect, writer, and associate professor at The University of Texas at Austin School of Architecture. He is the principal of the interdisciplinary design practice ISSStudio and co-founder of Field Constructs Design Competition. Siddiqui studied architecture at Tulane and Yale. In this issue, he writes about the 2016 Venice Biennale (page 11).



Ron Stelmarski, AIA is the design director for Perkins+Will's Texas practice and a frequent contributor to *TA*. He writes about Max Levy Architects' Saint Michael and All Angels Columbarium on page 80.



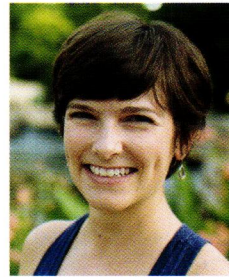
Jamie Flatt, Assoc. AIA is a principal in Page's Houston office. Specializing in pre-design analysis and comprehensive facility programming, Flatt's work incorporates client engagement, dynamic listening, and graphic analysis to clarify and effect lasting decisions. She writes about WW Architecture's EL House on page 48.



Jack Murphy, Assoc. AIA is a designer with Baldrige Architects in Austin and a regular contributor to *TA*. In this issue, he covers the Boardwalk on Lady Bird Lake by Limbacher and Godfrey Architects (page 44).



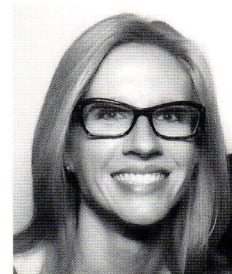
Bart Shaw, AIA is an architect in Fort Worth, where he works at his firm, quite uncreatively named Bart Shaw Architect. He was really taken with Edgeland House by Bercy Chen. His article about the project is on page 56.



Margaret Sledge, AIA grew up in New England and practiced architecture in California, Connecticut, New York, Alabama, and Mumbai before returning to San Antonio, where she has been an architect at Lake|Flato for the last five years. Although she misses the cooler summers of the Northeast, she is happy to be able to practice archery outdoors year round in Texas. See her article on Ford Powell & Carson's restoration of Mission San Juan Capistrano on page 76.



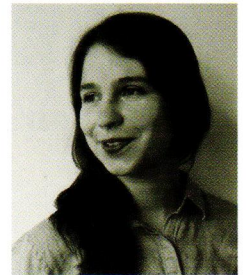
Brantley Hightower, AIA is an architect at HiWorks in San Antonio, where he also produces a monthly podcast, "The Works," about the built environment. Despite all evidence to the contrary his eldest daughter, Sammy, insists that she is not tired. His article on the South Texas Heritage Center appears on page 68.



Audrey Maxwell, AIA is a principal at Malone Maxwell Borson Architects in Dallas and chair of TxA's Publications Committee. Read her article on Antenora Architects' Cotton Gin at the Co-Op District on page 52.



Rita Catinella Orrell is *TA*'s products editor. For the Design Awards issue, she curated a collection of her favorite new products that are made here in the U.S.A. See page 27.



Hannah Ahlblad is an M. Arch '18 candidate at The University of Texas at Austin, currently on a six-month leave at Steven Holl Architects in New York. Her independent and collaborative design work has been published on *ArchDaily* and *Dezeen*, and exhibited at the Dallas Center for Architecture, the MIT Media Lab, UT Austin, and ARCOMadrid. As a designer, Ahlblad hopes to integrate an understanding of human interaction, memory, and visual perception in cultural and civic spaces. Read her take on the public murals of Mexico City on page 31.



Left Carlos Jiménez outside of the Judd Foundation in Marfa, across the street from the Hotel Saint George.

Below The People's Petroleum Building, Tyler

I got back from Marfa last night after a short visit to celebrate the formal opening of the Hotel Saint George. By some coincidence, the day before I left I received a copy of the July/August *Texas Architect* (delivered to my office at Rice). I was able to read Jack Murphy's article "55 New Ways of Looking At Marfa" on the journey, and more calmly once I got there.

I am very impressed by the depth of journalism and insight that you and Mr. Murphy gave to our hotel project. I love the cinematic

title given to the article and the attention to/inclusivity of all participants. I was delighted to find Paul Hester's pictures, as I thought Casey Dunn's were the ones that you were using primarily for the piece. Either way, they tell their own story.

Lastly, your Russian references at the end of the article were most welcome, as I am an avid and loyal follower of Andrei Tarkovsky's work. In fact, I examine his films in detail with my students in a seminar I teach at Rice every spring

("Constructing images: case studies in architecture, film, literature, and music").

All best, and thanks again for the depth and care that you invested in telling our story.

Carlos Jiménez

Professor, Rice University School of Architecture, Houston

I really liked your article about your recently renovated house ("My House," *TA*, May/June 2016). So much of our practice has been an investment in making the forgotten relevant again, so it spoke to me.

On that note, I wanted to inform you about a project that we have been working on for several years here in Tyler. Developing public/private partnerships, we have jumped heart-first into the revitalization of our downtown, starting with a primary catalyst — The People's Petroleum Building. It was less than 10 percent occupied at the time we began. Now it's over 90 percent occupied. Part of the success story is the establishment of a high-end restaurant in the previous 1940s-era bank lobby. The transformation story of the building is fascinating, and we would love to tell you more about it. The lighting was all custom designed to recall the imagery of the past with today's technology. It has brought so much life and energy to the building and has taken the building occupancy to an all-time high.

We are currently in the process of modeling our entire downtown core to help cast a vision for the future, to continue developing public/private partnerships, and to keep the momentum going. So stay tuned!

Brandy Ziegler, AIA

Fitzpatrick Architects, Tyler

Send letters to the editor to aaron@texasarchitects.org.



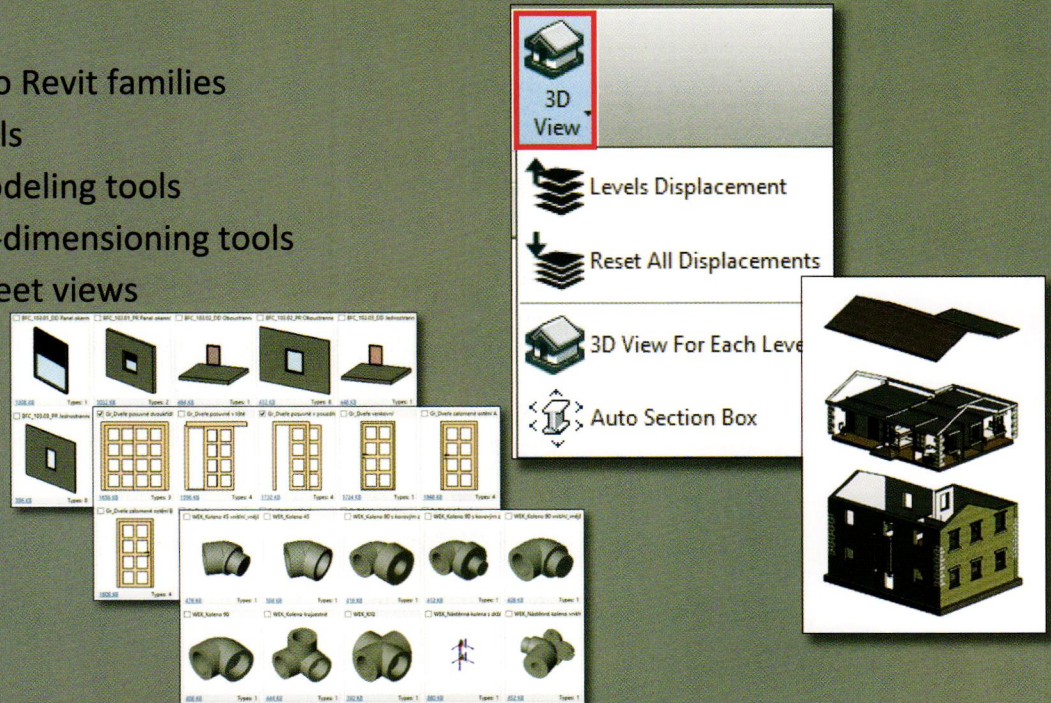
manufacturer of noise control & building envelope products

877.514.5336
keenebuilding.com



BOOST your productivity with the GRAITEC Advance PowerPack for Autodesk® Revit®

- Slick modeling tools
- Convert 3D CAD objects to Revit families
- Smart annotations controls
- Comprehensive Rebar modeling tools
- Variety of quick and auto-dimensioning tools
- Utilities for controlling sheet views
- Revit family manager
- and much more



Call (281) 445-6161 to access this powerful Revit add-on tool.



The shallow pool built inside the Australian pavilion offers a respite from the Venice heat, but also serves as a prompt for examining the country's architecture, culture, and identity.

Reporting from the 15th Venice Biennale of Architecture

The theme of the 15th Venice Biennale of Architecture, “Reporting from the Front,” frames the work of architects as a battle shaped by the complexities of real-world circumstances, the challenge of which is not only to survive but also to have positive, transformative impact. For Chilean architect Alejandro Aravena, who curated this year's biennale and is the most recent Pritzker Prize laureate, the aim was to “select examples that address a problem that matters and for which quality architecture made a difference.”

The Biennale's main exhibition, which occupies the Central Pavilion at the Giardini as well as the nearby Arsenale, gathers projects by 88 participants from 37 countries, giving visitors a sense of what kinds of problems contemporary architects are taking on globally, but also showing what exactly Aravena means by quality architecture. In both venues, one enters the exhibition through rooms constructed with materials

left over from last year's Art Biennale. Drywall is cut up and stacked in layers to produce a textured interior envelope, while bundles of discarded metal studs similarly redefine the ceiling above. Each handsomely designed room explains a bit about the exhibition — the making of it, in one, and the inspiration for it, in the other — but in terms of innovation offers little more than a lesson in trash-to-treasure material use.

Beyond, in the Central Pavilion, a series of beautifully composed rooms — each conceived and laid out independently, based on its specific content — features an array of projects conducted and conveyed through a range of means. One of the first installations to encounter is Paraguayan firm Gabinete de Arquitectura's impressive arched diagrid structure built at full-scale using only bricks, mortar, and unskilled labor, making a case for an architecture that transcends its humble resources. German architect Anna Heringer transformed the interior of another exhibition area using 25 tons of mud in order to promote the material's contemporary

COMMERCIAL CONSTRUCTION | CIVIL CONSTRUCTION



Glass
Austin
Golden Triangle
Houston
North Texas
San Antonio
South Texas

SpawGlass

*Working with Designers to Provide
the Absolute Best Construction Experience*

SpawGlass.com

studioOutside



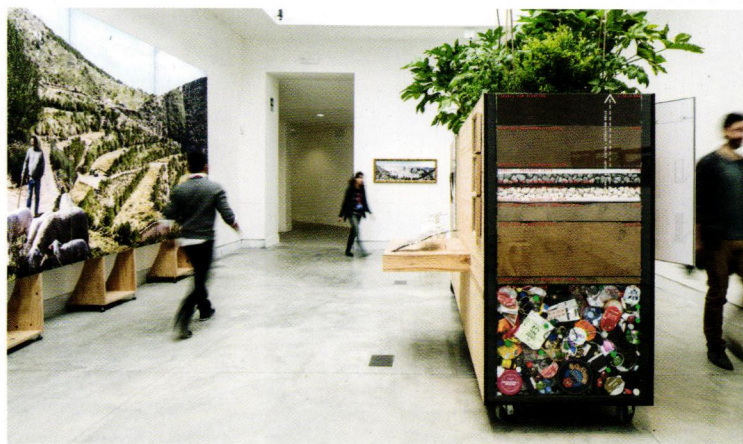
NEWCITY AT LINCOLN PARK - CHICAGO, IL
Landscape Architecture and Urban Design
214 954 7160
www.studiooutside.us



Top Christian Kerez's "Incidental Space" inside the Swiss pavilion.

Middle Landscape restoration of Vall d'en Joan waste landfill by Batlle i Roig.

Bottom Multi channel video installation "Andes Shadow" by architects elton_léniz.



relevance. A large sectional mock-up showing the layers of trash, various soil types, and vegetation that make up the ground of a capped landfill is the centerpiece in a landscape restoration project by Batlle i Roig Arquitectes. It gives literal depth to dirt by revealing its highly engineered synthetic nature.

The aesthetics of dirt, mud, and other neutrally toned humble materials that dominate the exhibition is occasionally disrupted by projects like the multi channel video installation about a school project by Chilean architects elton_léniz set in a space invitingly lit with fire-red neon. Provocative media work by Forensic Architecture, a London-based group led by Eyal Weizman, is perhaps the most overtly political content in the exhibition and one that radically redefines the role of architecture in interdisciplinary research and practice.

The Arsenale portion of the exhibition continues to carry the curatorial tone of the Central Pavilion and presents works by the likes of Rahul Mehrotra, Cecilia Puga, Atelier Bow-Wow, Kengo Kuma, and the only U.S. architects included in the exhibition, Rural Studio. The Biennale's most remarkable installation — it would have been my personal pick for the Golden Lion for best installation, which was instead awarded to Gabinete de Arquitectura — is the Armadillo Vault by the Block Research Group from ETH Zurich and engineers Ochsendorf DeJong & Block. A sprawling thin-shell canopy composed of nearly 400 slabs of limestone, the installation is a study of new possibilities afforded by compressive structures, and a compelling synthesis of high technology and traditional masonry construction. The project's development and realization were made possible by one of its key collaborators: the Escobedo Group from Buda, Texas, where the installation was fabricated before traveling to Italy. Assembled entirely with dry connections — there is no mortar or adhesive between the limestone panels — the structure is as aesthetically rich as it is intelligent.

Exhibitions within national pavilions, mostly scattered throughout the Giardini, are somewhat independent of the Biennale's main curatorial theme, but there are deliberate overlaps. The Spanish exhibition titled "Unfinished" — this year's winner of the Golden Lion for the best pavilion — focuses on the status of the country's architecture after the 2008 financial collapse. Curated by architects Iñiqui Carnicero and Carlos Quintáns Eiras, the exhibition juxtaposes



The Armadillo Vault inside the Arsenale, produced by the Block Research Group at ETH Zurich and engineers Ochsendorf DeJong & Block, in collaboration with the Escobedo Group from Texas.

stunning photographs of buildings unfinished because of funding cuts with a series of recent built projects by a range of Spanish practices designed within tight constraints. Diverse in typology, scale, and style, what the selected projects have in common architecturally is their role in completing the seemingly incomplete conditions (infill sites, abandoned buildings, leftover facades) while managing the relationship between the existing and the new through sophisticated calibrations of continuity and contrast. “Unfinished” optimistically highlights architecture’s ability to collectively direct adverse circumstances toward both inspiration and action.

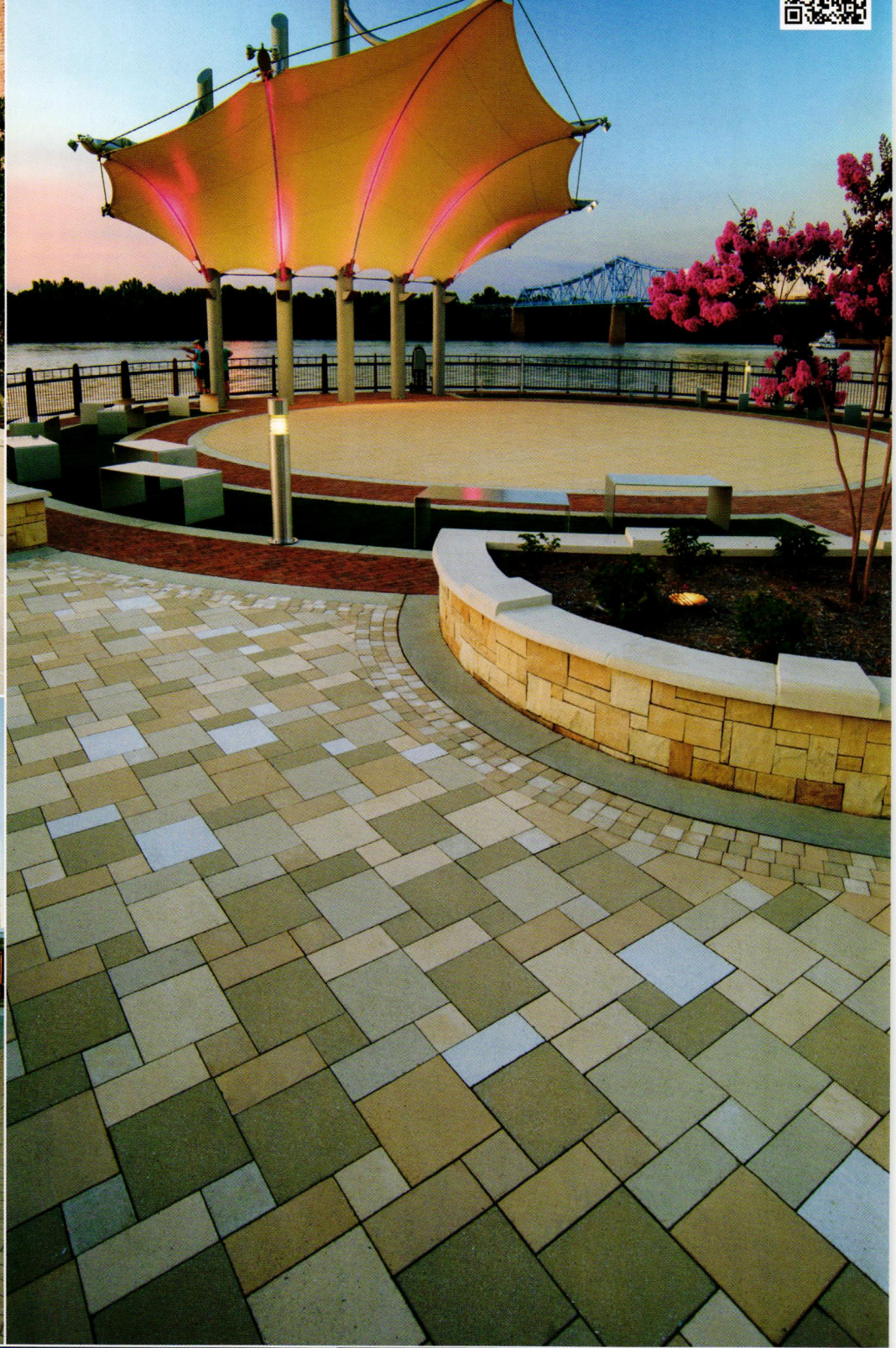
The exhibition at the U.S. pavilion advocates the role of architectural imagination in shaping our future cities — as perhaps something different from the problem-solving ingenuity that results from real-world built commissions — and presents a group of theoretical projects speculatively sited in Detroit. Curators Cynthia Davidson and Mónica Ponce de León selected 12 design teams, ranging from some of the most prominent voices in contemporary American architecture, including Greg Lynn, Merrill Elam, and several emerging practices. The intention of linking experimental avant-garde works of vivid imagination (“The Architectural Imagination” is the exhibition’s title) with the stark realities of a shrinking city like Detroit is provocative, but the connection between the two may seem too tenuous, to some. However, the open question of how innovative works of architecture primarily driven by the discipline’s internal concerns — and often constrained by the computer screen rather than physical sites — can continue to meaningfully impact the future of our constructed environment remains important and relevant.

Elsewhere in the Giardini, national exhibitions range from didactic to immersive, to downright delightful. In the Swiss pavilion, Christian Kerez’s “Incidental Space,” an amorphous white cloud of sprayed cement made through a combination of high- and low-tech means, allows one to explore its surprisingly inviting cavernous interior. The Australians built a swimming pool inside their gallery, an obviously appealing amenity on a hot Venice day, but also an effective foil for exploring broader cultural issues. The British exhibition, “Home Economics,” likewise offers a playful experience — psychedelically colored inflatable spheres, designed by the London-based art collective åyr, inside which non-claustrophobic

The Flats at Alley Station, Montgomery, AL;
Roof and Plaza Pavers



Owensboro Riverfront & Smothers
Park, Owensboro, KY;
Prest® Pavers



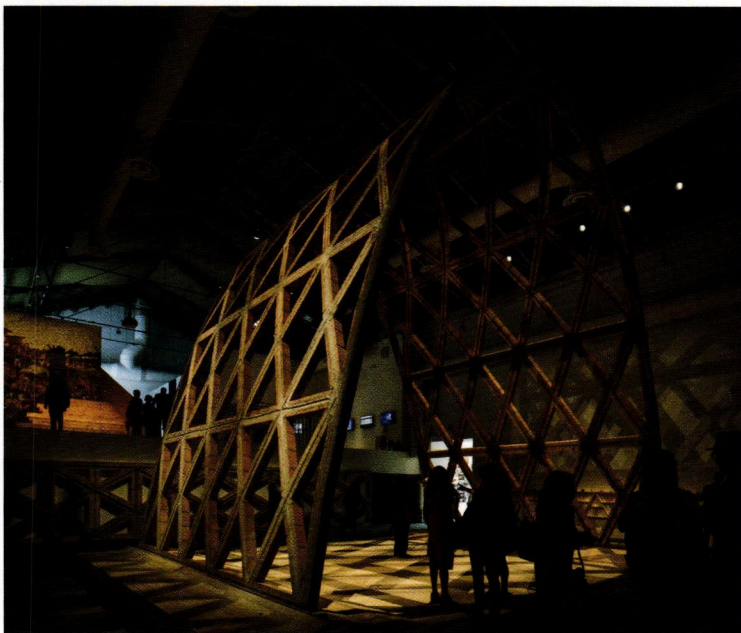
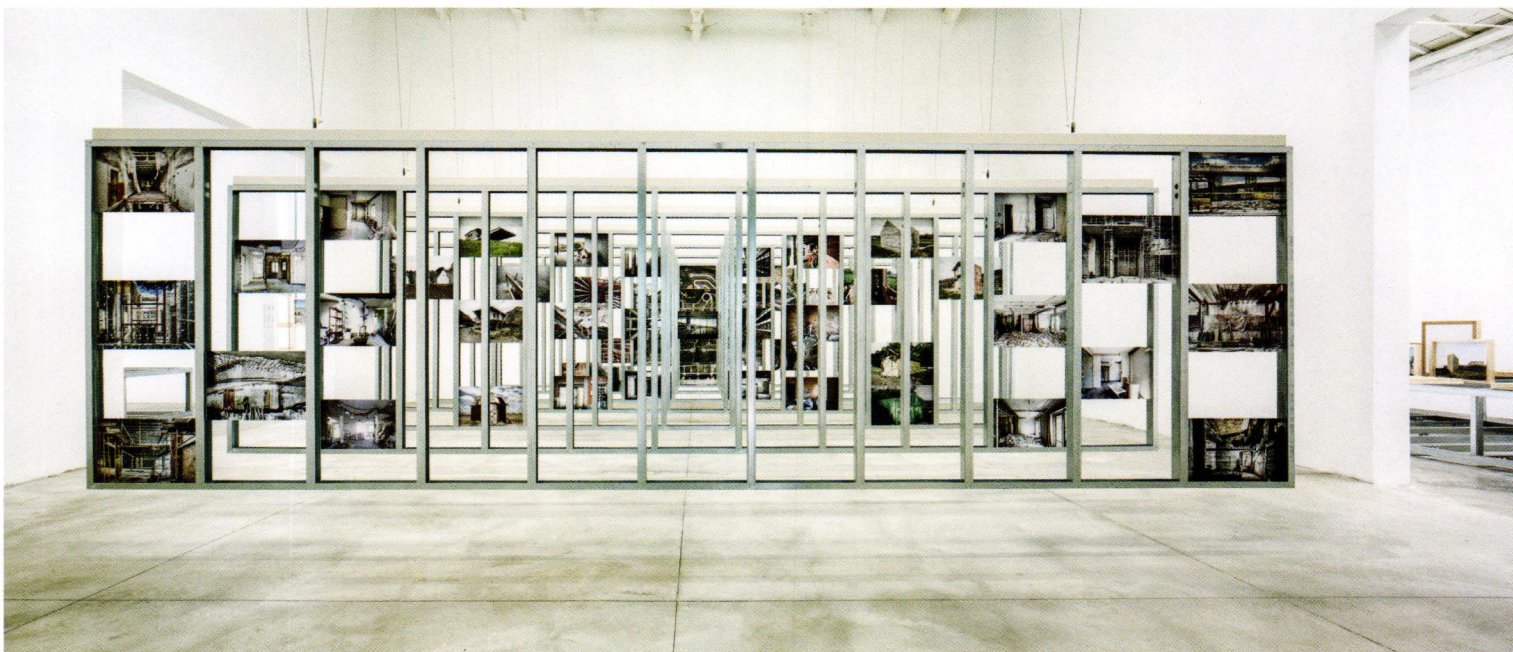
Denver Union Station, Denver, CO;
Prest® Bricks



Where concrete and Imagination Meet.

Hanover® has participated in the development of concrete pavers for over 40 years, from green roofs and rooftop pools to on-grade entrance ways and driveways. Hanover® can provide the highest quality unit paver for your next project. Contact Hanover® to find your local representative.

HANOVER®
Architectural Products
www.hanoverpavers.com • 800.426.4242



Top: “Unfinished” inside the Spanish pavilion, curated by Iñáqui Carnicero and Carlos Quintáns Eiras.

Left: “Breaking the Siege” by Gabinete de Arquitectura in the Central Pavilion.

Right: Installation “The Theater of the useFULL” by Rural Studio, Auburn University.

visitors are encouraged to lounge — while critically exploring new financial models for housing in the 21st century. More than simply acts of novelty, these clouds, pools, and pods serve as important thresholds that connect architecture to its broader audiences and encourage further engagement.

Much in the way he refers to his practice, Elemental, as a do-tank rather than a think-tank, Aravena places what he sees as the most relevant contemporary architecture at the front, rather than on the cutting edge. Where the cutting edge traditionally aligns itself with the latest technological and theoretical innovations, the architecture

of the front is in this regard skeptical. The front is drawn to political intricacies but seems to seek out formal and material restraint. Despite its global ambition, approximately 60 percent of the practices represented in Aravena’s exhibition are based in Europe, most of them practicing in their home regions and within a familiar modernist canon (Francis Kéré, who is based in Berlin but produces much of his work in his native Africa, is among the exceptions). In this regard, the exhibition makes one wonder how many different ways the discipline may be able to consider notions of inclusiveness in order to further architecture’s vitality and relevance as we move forward. Inclusivity

starts on home turf, so perhaps one possibility is for architecture to embrace its own plurality of ambitions, expanding beyond the well meaning, but ultimately reductive notions of timelessness, usefulness, and good quality. In this way, architectures at the front and the cutting edge need not be mutually exclusive. “Reporting from the Front” offers a few glimpses of this, and it feels worthwhile to want to see more.

The 15th Venice Biennale of Architecture is on view from May 28 to November 27 2016.

Igor Siddiqui is an associate professor at The University of Texas at Austin School of Architecture.

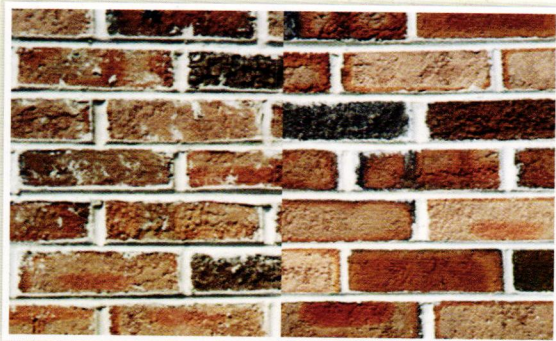
CLEANERS FOR NEW MASONRY

From Diedrich Technologies



Before

After



AVAILABLE IN

1, 5, OR 55
gallons



202 NEW MASONRY DETERGENT

A combination of organic and inorganic acids, wetting agents and inhibitors create a more productive solution for the removal of residual mortar, job site soiling, staining and efflorescence from new masonry. Will not discolor or damage masonry and is safe to use on brick, stone, tile, exposed aggregate and other materials not susceptible to metallic staining.

202V VANA-STOP™ NEW MASONRY

Specially formulated to remove metallic stains such as vanadium, manganese, & molybdenum from new masonry. Effectively removes residual mortar, efflorescence, job site soiling and staining while greatly reducing the chance of metallic stains from occurring, thereby eliminating costly re-cleaning and stain removal later on.

DIEDRICH
TECHNOLOGIES, INC.

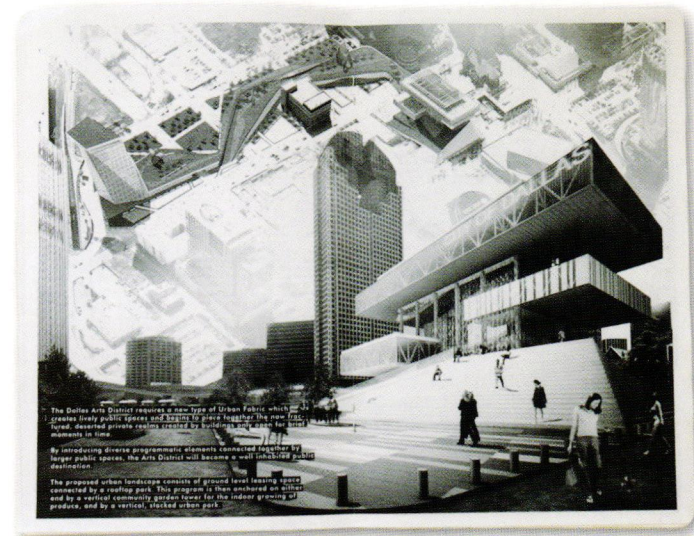
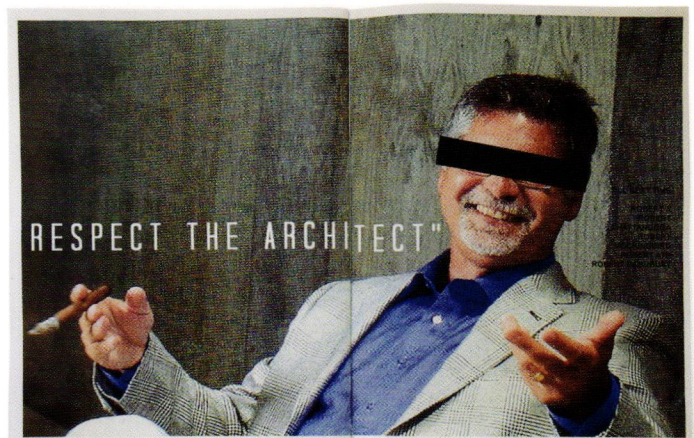
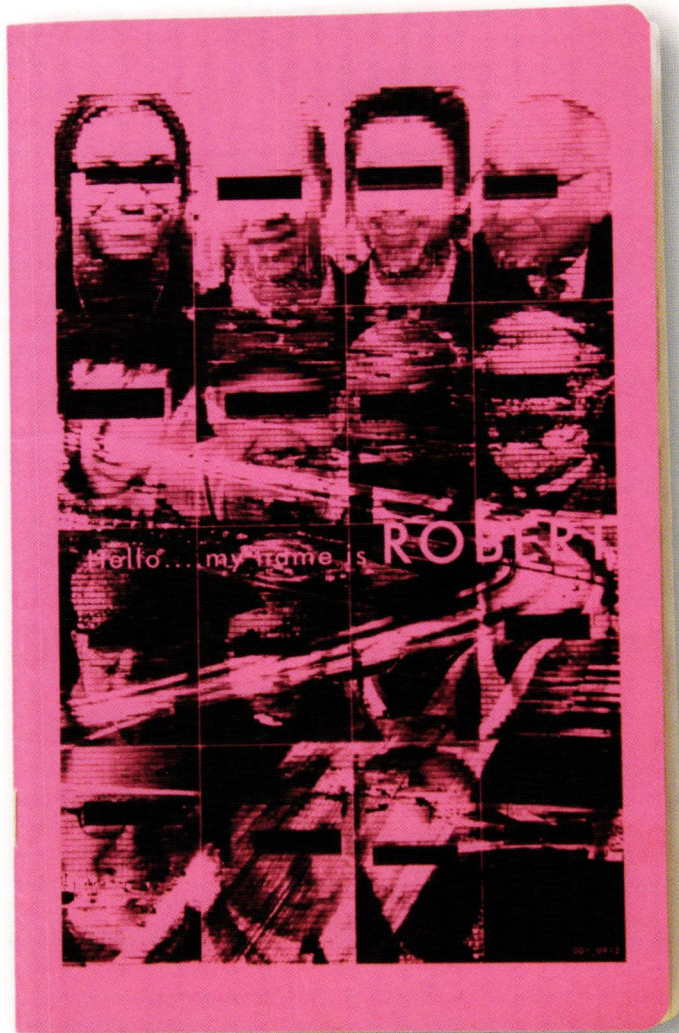
A division of



HOHMANN & BARNARD, INC.

For more info please call H&B Texas at 800.822.5228 or visit:

www.diedrichtechnologies.com/cleant5



Robert: Dallas's Answer to a Critical Void

“Hello ... my name is ROBERT,” begins Dallas’s architectural ’zine, an artifact of 2010, when the city was between architecture critics. It lasted for only two issues, and now, even the digital imprint of the publication has disappeared, leaving only the paper traces of a voice.

Its mission statement is admirable, taking a no-nonsense view of what it intends to accomplish. “The point is that the Dallas architecture community — designers, clients, patrons, media observers — lacks confidence in our own ability to be amazing. It is time to get over it and expect things of ourselves. It is time to grow up and embrace our Texas-Bad-Ass-Ness.”

Highlights from the offerings include ruminations on the nature of suburban and urban

living, an opinion piece on the George W. Bush Presidential Library, and a study of foreground versus background architecture, all by a series of anonymous contributors.

While the ’zine has a tendency to favor style over substance, it does represent an architectural voice rarely heard — one free from the constraints of collegial diplomacy and the watchful eyes of sponsors. Particularly promising is the second issue’s call for readers’ stories about the greatest architectural disappointments of the past five years. Unfortunately, no subsequent issue was ever produced. ROBERT had the potential to spark dialogue that, even with the appearance of a new architecture critic at the Dallas Morning News (Mark Lamster), is often sorely lacking when it comes to issues surrounding the built environment. Perhaps the most striking thing

about ROBERT is its potential, which was never given the chance to develop into something more.

While the various contributions are hit-or-miss, combining poetry and grainy images with substantive architectural criticism, the concept here is heartening, and the content, to the point. After all, admonishes ROBERT, “Keep in mind that anything over 400 words is boring, unless it is really well-written.” A shared discussion between architects and citizens about the urban environment and the future of the city, unmediated by blogs or newspapers, seems like a productive conversation to be having. And, in the meantime, if you have a story of the greatest architectural disappointment of the last five years, send it to editor@texasarchitects.org.

Alyssa Morris is web editor of *Texas Architect*.



MAKING SURE YOU'VE GOT
"THE BEST SEAT IN THE HOUSE"
 FOR OVER 40 YEARS

NEW SEATING - RENOVATION - RESTORATION - RETROFIT
 UPHOLSTERY - CUPHOLDERS - COVERS, FOAM & MORE!

WWW.CYYOUNGSEATING.COM
 PROUDLY LOCATED IN KANSAS CITY

(800) 729-2610
SALES@CYYOUNGSEATING.COM

PITCH PERFECT

"Properly designed, metal fits nearly every architectural style and offers great durability."

Michael Lucas, Basham & Lucas Design Group



SNAP-CLAD
 Galvalume Plus - Energy Star

Westminster Woods, Jacksonville, FL
 Owner: Westminster Communities of Florida
 Architect: Basham & Lucas Design Group
 Installing contractor: Mac Johnson Roofing
 Profile: Snap-Clad
 Color: Galvalume Plus

CASE STUDY



PAC-CLAD.COM | IL: 1 800 PAC CLAD

MD: 1 800 344 1400 | TX: 1 800 441 8661 | GA: 1 800 272 4482 | MN: 1 877 571 2025

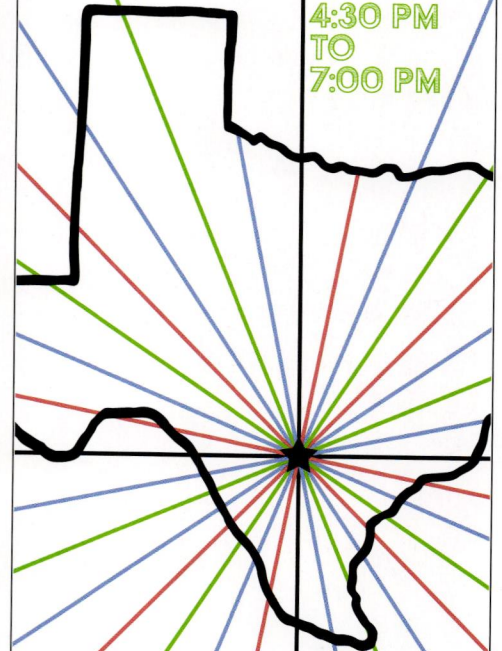
2016 TxA ANNUAL
 CONVENTION + EXPO

COME TOGETHER

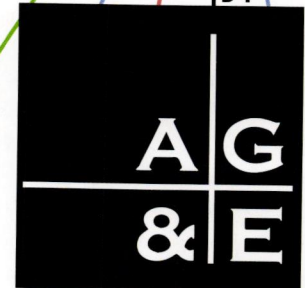
**FIESTA
 TIME** HAPPY
 HOUR

HENRY B.
 GONZALEZ
 CONVENTION
 CENTER

NOVEMBER
 3RD
 4:30 PM
 TO
 7:00 PM



SPONSORED
 BY



**Structural
 Engenuity**

www.age-se.com

DALLAS + HOUSTON + AUSTIN



a history of engineering
excellence in support of
TxA AWARD WINNERS

2016 Antenora Architects

2015 Lake|Flato Architects
Miró Rivera Architects

2014 Andersson-Wise Architects
Overland Partners
Sasaki Associates

2013 Miró Rivera Architects

2012 Lake|Flato Architects
Mell Lawrence Architects

2010 Lake|Flato Architects

2008 Miró Rivera Architects

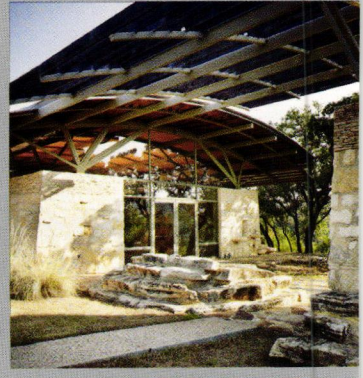
2007 Specht Harpman

2006 Lake|Flato Architects
Miró Rivera Architects
PageSoutherlandPage

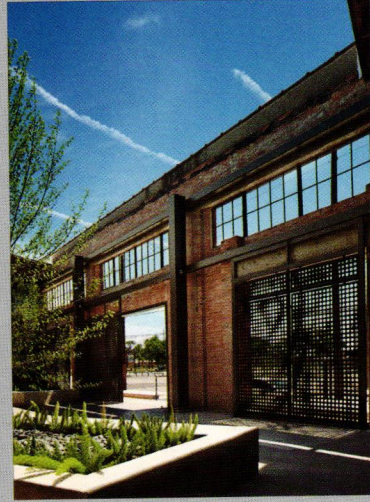
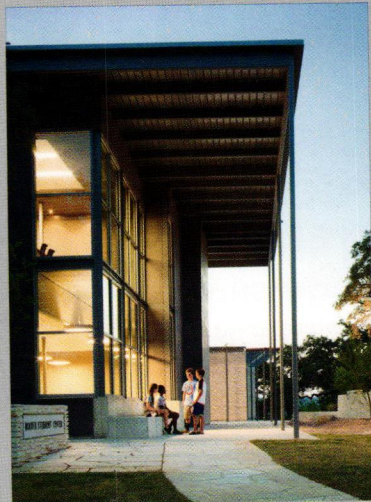
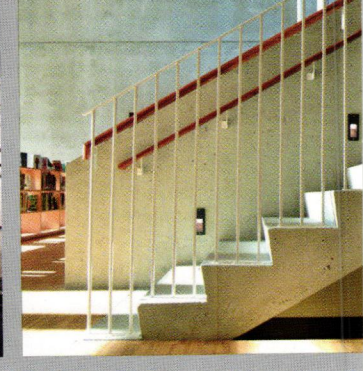
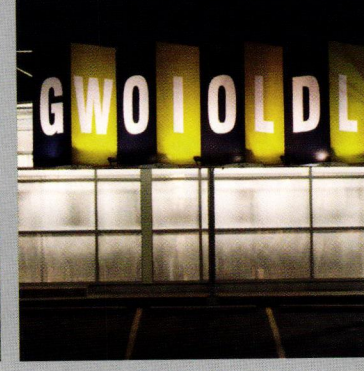
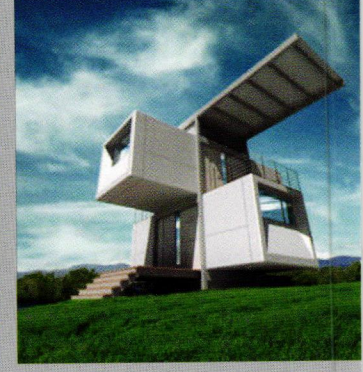
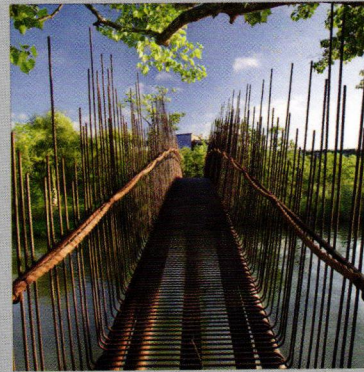
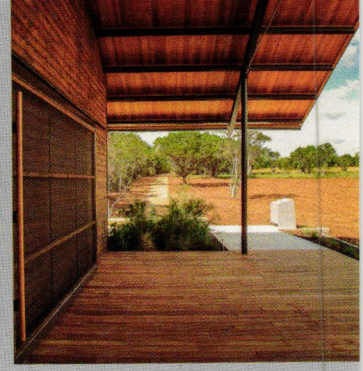
2005 Jackson & McElhaney Architects

2004 Andersson-Wise Architects

2003 PageSoutherlandPage
TeamHaas Architects



2016 - The Cotton Gin - Hutto, TX - Antenora Architects



architectural engineers collaborative | austin, tx
creative structural engineering since 1998

www.aecollab.com

The Vanishing Sanger-Harris Mosaics

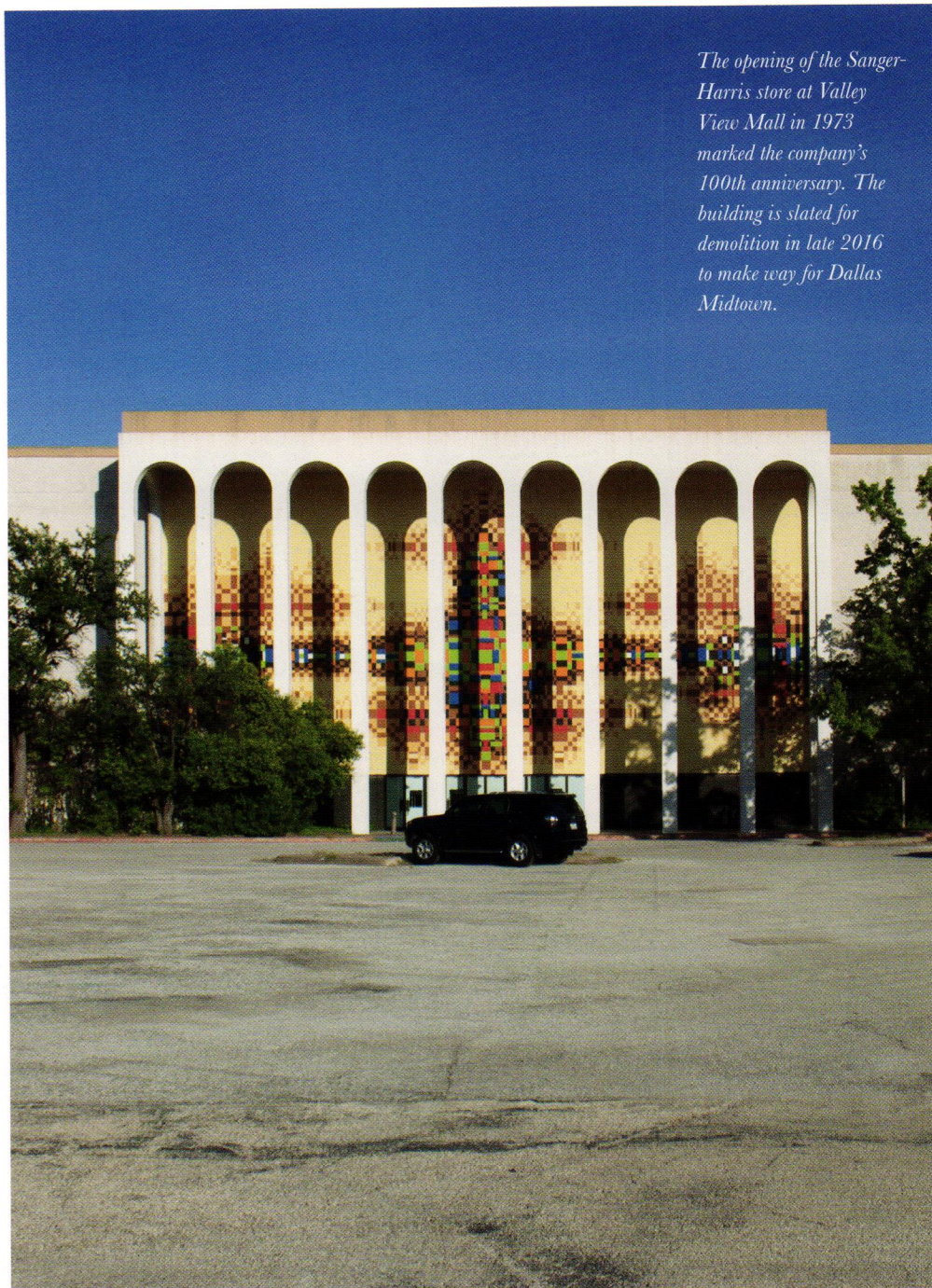
In 1965, Sanger-Harris opened its first new, ground-up department store in downtown Dallas as its flagship. Designed by Dallas architect Thomas Stanley, the store featured a four-story marble column facade, a trait evocative of the practice's work in retail and corporate applications throughout the late 1960s and into the 1970s. Clad in white marble, the facade created a dialogue between itself and the Stanley/Dahl-designed First National Bank tower located across Pacific Avenue.

Behind the slender columns was an expansive mosaic composed of 1-in, primary-colored tiles that formed an abstract pattern highly visible during the daytime and equally so during the evening, when paired with the lighting scheme. The mosaic clad three of the building's facades. The largest glass mural to be installed in the country with a single surface, it measured 600 ft by 360 ft. "The trick was to not interrupt the mural with horizontal floor beams extending to the columns," recalls Robert Young, who served as the director of planning for all Sanger-Harris department stores: "Therefore, the last bay along Pacific is framed in steel with a deep truss at the top. The whole mural wall is hung from this truss. I think the public liked the mural and the color and excitement it brought to the streetscape."

The downtown flagship store was also the first Dallas building to use an air door. Designed by Herman Blum Consulting Engineers, it allowed the entry to be wide open, so visitors walked in from the summer heat directly into a cool environment with no impediment.

Beyond its size, the design of the mosaic remains something of a mystery. "The design was purely abstract, although many thought it could be an aerial view of the Metroplex," says Young. Though its meaning remains opaque, the treatment did succeed in creating an iconic language that would be applied to future Sanger Harris department stores during the next decade: eight stores in total.

No matter the speed at which you pass a former Sanger-Harris department store, the entry is sure to catch your eye. The Valley View Center location in north Dallas, designed by Harold A. Berry & Associates and built in 1973, is home to the largest remaining Sanger-Harris mosaic. (The one on the downtown store was removed after Sanger-Harris, later Foley's,



The opening of the Sanger-Harris store at Valley View Mall in 1973 marked the company's 100th anniversary. The building is slated for demolition in late 2016 to make way for Dallas Midtown.

vacated the space in 1990, and the building was converted into Dallas Area Rapid Transit's headquarters.) The pattern of this mosaic is more geometric in form and seems to emphasize the centrally located entries on each facade. Still abstract, the primary colors form a textile-like pattern that more closely resembles a Rorschach test than the sweeping form that adorned the downtown flagship store. The signature of Brenda J. Stubel can be found along the bottom edge of the facade, though limited information could be found on the details of her involvement.

With the impending redevelopment of the Valley View Mall site into Dallas Midtown, the Sanger-Harris store — along with locations at Southwest Center, Collin Creek, and Six Flags Mall — faces an uncertain future. If demolished, the store at Hulen Mall and the Sanger Harris location in Tyler will be the final two stores upon which the original mosaic facades remain.

Michael Friebele, Assoc. AIA, is an associate with the Dallas office of CallisonRTKL.



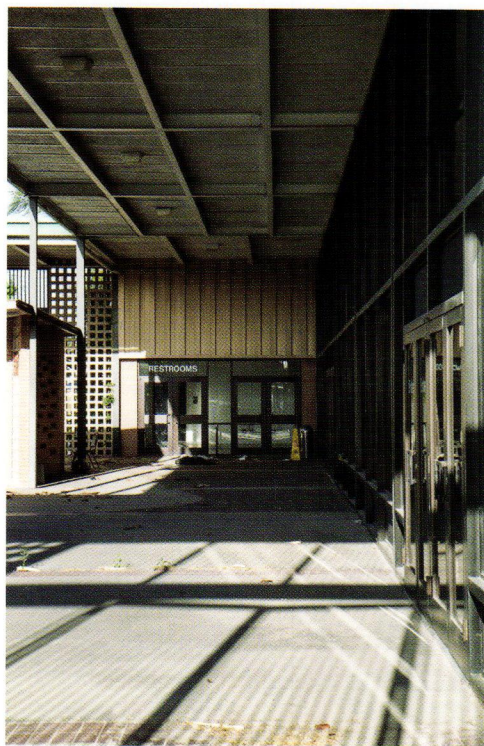
Fighting to Save the McAllen Civic Center

Pedro Ayala, Assoc. AIA, wants to preserve the 1959 McAllen Civic Center in the booming Texas border city of McAllen. Ayala, a 2002 graduate of the Gerald D. Hines College of Architecture at the University of Houston, is an urban designer. This summer, he began an effort to persuade McAllen city officials to hold off on demolishing the center, which they are obligated to do before closing on the sale of the 13.4-acre site to Dallas-based Provident Realty Advisors and Indianapolis-based Simon Property Group. Since completion of a new convention and civic center in 2007 (*TA*, May/June 2008), the City of McAllen has not sought alternative uses for the 1959 complex.

What got Ayala involved were the civic center's distinctive mid-20th-century modern architecture and its generous landscaped public spaces, including a three-block-long park facing McAllen's major north-south thoroughfare, 10th Street. Ayala was convinced that preserving and reusing these resources made more sense than scrapping them. The center consists of a performance auditorium and a convention and exposition center organized around a terraced interior patio. The complex was designed by Houston firm Caudill Rowlett Scott (CRS) with McAllen architects Zeb Rike and J. B. Hancock. It is a CRS classic: exposed, black-painted steel framing infilled with rose-

Above *The McAllen Civic Center of 1959 by Caudill Rowlett Scott, Zeb Rike, and J. B. Hancock is a multi-building complex organized around an interior patio. The center faces S. 10th Street with a profusely landscaped park. The faceted roof of the 1,800-seat auditorium is the center's iconic architectural element.*

Below *The main pedestrian entrance to the Palm Court patio from S. 10th Street has been filled in with restrooms.*



colored brick panels, including solar screens that facilitate breeze flow. Ayala cleverly appropriated the center's iconic feature, the auditorium's faceted roof, as the graphic emblem for his preservation campaign.

Simon Property Group owns the nearby, 1.35 million-sf La Plaza Mall. In 2006, the *Wall Street Journal* identified La Plaza as one of the highest-grossing shopping malls in the U.S. La Plaza is a magnet for affluent consumers from Monterrey, 150 miles southwest of McAllen. To appeal to this market, Provident and Simon plan to build an upscale lifestyle center, The Shops at Solana, on the civic center site, subdividing the cleared tract into five large blocks separated by landscaped internal streets and buffered from the rest of the city by perimeter parking lots.

Ayala initially formulated a counterproposal for how the civic center could be adapted for shopping, restaurant, and entertainment uses. Since half the site is a surface parking lot, plentiful space remains for new construction. Ayala reached out to other preservationists — RGVMod, Preservation Texas, and the Texas Historical Commission — for encouragement. The historical commission responded by notifying city officials that the civic center is eligible for listing in the National Register of Historic Places, which could trigger substantial federal and state tax credits if the developers were to undertake a certified rehabilitation. Ayala also took his campaign to social media. Preservation Texas posted a link to his on line preservation petition. The result was 265 comments, a sign that there is a constituency for preservation and adaptive reuse of this building. Already in 2014, Dallas Morning News critic Mark Lamster had identified the civic center as one of a number of significant modern buildings in the southwest threatened with demolition.

Ayala addressed McAllen's mayor, city commission, and city manager in late July, asking them to organize a design workshop to investigate alternatives for the site. City officials responded respectfully rather than dismissively. Ayala's preservation initiative demonstrates how architects can use their analytical, visioning, and design skills to advance arguments about civic design, architectural preservation, resource conservation, and public space protection in public forums — and use social media to inform and seek a supportive constituency.

Stephen Fox is a fellow of the Anchorage Foundation of Texas.

Visit us at TxA Design Expo
Nov. 3-4, 2016
Booth #501



- Easy-to-install
- High-quality, attractive design options to customize your look.
- Minimal Glass Preparation
- Non-weld Assembly
- No Special Tools
- Tested to ANSI 2971-1-09



(888) 243-6914 >> (414) 214-0444
wagnerarchitectural.com >> info@mailwagner.com

EXHIBIT WITH US

SHOWCASE YOUR PRODUCTS AT THE LARGEST ARCHITECTURAL EXPO IN THE SOUTHWEST

Reserve your space today:
texasarchitects.org/exhibitors

**2016 DESIGN EXPO
3-4 NOVEMBER**

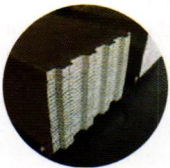
Henry B. González Convention Center
San Antonio

TOD STEHLING
Expo & Development Director
tod@texasarchitects.org

Texas
Society of
Architects



prefabricated exterior wall panels



milled drywall

**BakerTriangle
Prefab**

www.bakerprefab.com



SEPTEMBER

Thursday 8

EXHIBITION OPENING
Obstacle
Trinity University's
Michael and Noemi
Neidorff Art Gallery
1 Trinity Place
San Antonio
bluestarart.org

Monday 12

EXHIBITION OPENING
Canstruction
North Star Mall
7400 San Pedro Avenue
San Antonio
aiasa.org

Thursday 15

EXHIBITIONS OPENING
Ansel Adams: Distance
and Detail
The Briscoe Western
Art Museum
210 W. Market Street
San Antonio
briscoemuseum.org

EXHIBITION OPENING

Picasso The Line
Menil Collection
1533 Sul Ross Street
Houston
menil.org

Friday 16

EVENT
2016 Texas Student
Biennial Opening Reception
6:00 p.m.
Architecture Center
Houston
315 Capitol, Suite 120
Houston
aiahouston.org

Monday 19

LECTURES
RSA Cullinan Lecture:
Francoise Fromonot
5:30 p.m.
Rice University
Anderson Hall
Houston
arch.rice.edu

Nick Srnicek: Inventing
the Future
5:45 p.m.
Geren Auditorium
Langford Architecture
Complex
Texas A&M
College Station
dept.arch.tamu.edu

Wednesday 28

EXHIBITION OPENING
Telling Tales: Contemporary
Narrative Photography
The McNay
6000 N. New Braunfels
Avenue
San Antonio
mcnayart.org

LECTURE

RSA/RDA Lecture Series:
Mass Timber
Yasmin Vobis & Aaron
Forrest, principals at Ultra-
moderne, Providence
Rice School of Architec-
ture
Houston
arch.rice.edu

Thursday 29

EVENT
Latinos in Architecture
Presents East Austin
Roundtable
5:00 p.m. meet and greet,
6:30 p.m. panel discussion
Mexican American
Cultural Center—Black
Box Theater
600 Red River Street
Austin
aiaaustin.org

OCTOBER

Saturday 15

Through Sunday 16
EVENT
30th Annual AIA Austin
Homes Tour
10:00 a.m. – 6:00 p.m.
Austin
aiaaustin.org

Sunday 16

EXHIBITION OPENING
Degas: A New Vision
The Museum of Fine Arts,
Houston
1001 Bissonnet
Houston
mfah.org

Tuesday 18

EVENT
AIA Fort Worth Design
Awards
The Modern Art Museum
of Fort Worth
3200 Darnell Street
Fort Worth
aiafw.org

Thursday 20

EVENT
Rockitecture 2016
6:30 p.m.
Dallas
aiadallas.org

EXHIBITION OPENING
KAWS Where the End Starts
The Modern Art Museum
of Fort Worth
3200 Darnell Street
Fort Worth
themodern.org

SYMPOSIUM

Through Saturday 22
The Secret Life of
Buildings
UT-Austin School of
Architecture
Austin
aoa.utexas.edu

Saturday 22

EXHIBITION OPENING
Sightings: Michael Dean
Nasher Sculpture Center
2001 Flora Street
Dallas
nashersculpturecenter.org

FEATURED



Chianti Weekend 2016: 30th Anniversary Celebration

Chinati Foundation, Marfa
chinati.org

OCTOBER 7 THROUGH 9

Enjoy self-guided viewing of the Chinati Foundation's collection and 350-acre campus in celebration of its 30th anniversary. Robert Irwin's new large-scale, permanent installation is now open, and there will be talks, performances, and a special sunrise viewing of Judd's 100 works in mill aluminum, all free of charge.



As Essential as Dreams: Self-Taught Art from the Collection of Stephanie

and John Smither
Menil Collection, Houston
menil.org

THROUGH OCTOBER 16

Quoting Jean Baudrillard's assertion that to create is "as essential as dreams," the Menil Collection mounts an exhibition of Stephanie and John Smither's collection of self-taught artists. These works "question a traditional art history" and often align closely with surrealism.



Pilkington **OptiView™**



Pilkington **Optiwhite™**



anti-reflective glass




low iron glass

With Pilkington **Optiwhite™** and
Pilkington **OptiView™**, the possibilities are endless.

Whatever you have in mind for your next ambitious project, you should have our Special Applications Glass in mind too. Pilkington **Optiwhite™** is an extra clear, low iron float glass that is virtually colorless and has excellent light transmittance, making it the ideal choice for applications where glass edges are visible or where transparency and purity of color are desired.

Pilkington **OptiView™** has anti-reflective and UV blocking properties which make it perfect for any display, showroom or storefront applications. Pilkington **OptiView™** also minimizes visible light reflectance to less than two percent.





**BEAUTIFULLY DESIGNED.
HANDSOMELY FINISHED.**



800.368.1024
texasbuildingproducts.com



817.332.2373
builderscaststone.com

We supply the inspiration –
and the building blocks –
for your best work. Call us
today about our completely
customizable yet affordable
concrete block and
cast stone.

by Rita Catinella Orrell

Here we present a few of the domestically produced building product solutions now on the market for architects and designers, including a modular acoustic panel system made in Dallas.



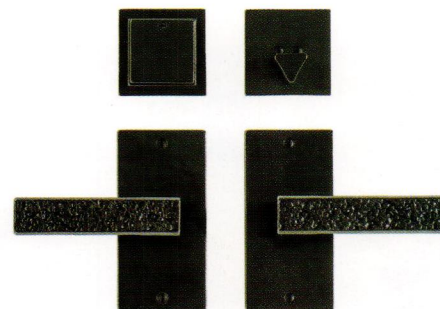
AJK Ceiling Squares
AJK Design Studio
ajkdesignstudio.com

Annie Kantor of AJK Design Studio has created a new market category with this collection of modular, laser-cut metal squares for suspended ceilings. The finishes are offered in steel, brass, bronze, and aluminum in three repeat sizes, 16 patterns, and a range of finishes. Intended for residential, hospitality, and commercial applications, the squares comply with California seismic requirements and are sound-absorbent when backed with wool felt or acoustic board. The customizable modules, which come in a 24-in-square standard size, join a line of custom grilles from the company.



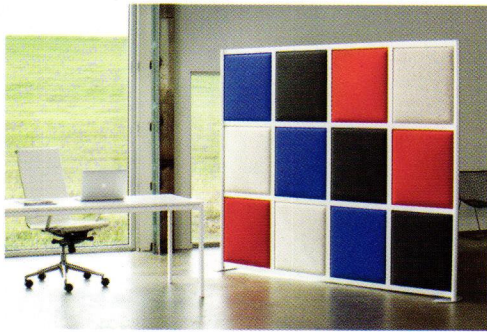
Conexus Series
HBF
hbf.com

Designed by Michael Vanderbyl and made in Hickory, North Carolina, Conexus is a work/lounge chair with a matching ottoman designed for offices, lobbies, hospitality spaces, and other interiors. Spanning the gap between task chair and lounge chair, Conexus features a sculptural shape and slim profile with a wood edge that merges seamlessly with the upholstery. Conexus is available fully upholstered or with a Walnut wood back with a polished stainless steel or powder-coated black base. According to HBF, all components of the chair can be easily recycled or composted at the end of its life.



Trousdale Collection
Rocky Mountain Hardware
rockymountainhardware.com

Rocky Mountain Hardware has partnered with the New York-based design firm Kravitz Design (rock star Lenny Kravitz's company) for the Trousdale collection of bronze hardware for residential and commercial spaces. Hand-cast in Hailey, Idaho, the pieces feature sleek architectural elements, angular profiles, and a strong textural effect. The line was inspired by the famed Trousdale Estates neighborhood in Beverly Hills, an enclave of mid-century homes known for its celebrity inhabitants in the 1950s and '60s. Trousdale includes seven lever, grip, and knob designs with complementary escutcheons for door applications, four cabinet pulls and knobs, and five accessory pieces, including a recycled door-knocker.



BLOX
LOFTwall
loftwall.com

LOFTwall's BLOX system manages interior sound control in a new way. Instead of being permanently affixed to existing walls or ceilings, BLOX modular acoustic panels can be moved anywhere they are needed. BLOX is offered in 12 tackable premium fabrics made with a premium wool felt finish that is claimed to absorb VOC pollutants. The matte anodized frame, made from 75% recycled content, is easy to set up and configure. Like all LOFTwall products, BLOX is made in Dallas.



Plankprints Collection
Stikwood
stikwood.com

Manufactured in Sacramento, California, from reclaimed and sustainable woods sourced from around the country, the Plankprints Collection of "peel-and-stik" real wood wall covering includes seven new patterns that offer the look of treasures revealed during a renovation. The patterns are carefully imprinted onto 5-in-wide-by-40-in-long wooden planks using the latest techniques in high-quality digital imaging, imprinting each design with millions of drops of color made with non-toxic ink that is eventually cured with light, and enabling a completely VOC-free process.



LA2 Connected System
LightArt
lightart.com

LightArt, a 3form company, has added a new short profile to the LA2 Connected lighting system of thin-gauge, lightweight fixtures. The lighting is made of local, American-made components in LightArt's Seattle design and fabrication studio using a modular system that minimizes waste. Ideal for low ceiling conditions, the LED lighting fixtures come in a standardized kit of parts that can be connected in various shapes and configurations to turn corners, extend down hallways, and move through rooms and open spaces.

THE MARVIN CONTEMPORARY STUDIO

Robert M. Gurney, FAIA, Architect

Explore Marvin's contemporary windows and doors at marvinwindows.com/contemporary



SHOWCASING MARVIN WINDOWS AND DOORS
email: marvininfo@BuildWithBMC.com
800-888-3667 | www.BuildWithBMC.com

MARVIN 
Windows and Doors
Built around you.™

REDEFINING CONCRETE MASONRY.



1885 St. James Place, Houston, Texas: Developers: Nelson Murphree Legacy Partners, LLC | Architect: Jackson & Ryan | Contractor: Tellepsen Builders | Masonry: W.W. Bartlett, Inc.



AT HEADWATERS, WE WORK HARD TO DEVELOP THE NEXT GENERATION OF CONCRETE PRODUCTS.



Our latest innovation, oversized CMUs with integrated chamfers, provides the striking appearance of traditional cut limestone or cast stone at a lower price point. When paired with a complementary mortar, the end result is both distinctive and unique. Available in a variety of sizes, integral colors, as well as **ground, polished and textured** finishes, this product combines aesthetics with all the benefits of concrete masonry construction. Ask your Headwaters architectural masonry representative today for product samples and specification details.

HEADWATERS CONCRETE PRODUCTS

ALLEYTON | DALLAS | PALESTINE | HOUSTON | SAN ANTONIO | AUSTIN | BATON ROUGE

www.headwaterscm.com



Detail of El hombre controlador del universo (Man, Controller of the Universe), 1934, Diego Rivera, fresco on mobile metal frame, 480cm by 1145cm, Palacio de Bellas Artes, Mexico City. [© 2016 Banco de México Diego Rivera Frida Kahlo Museums Trust, Mexico, D.F. / Artists Rights Society (ARS), New York]

The Radius of a Mural

A graduate student at The University of Texas at Austin School of Architecture travels to Mexico City to discover what the Distrito Federal's great public murals mean to its residents and visitors. The tools of her research include a sketchpad and a set of pencils and oil pastels with which her subjects create "cognitive maps."

by **Hannah Ahlblad**

On any day along South Congress in Austin, you might pass a line of people in front of a brick wall with no door. They are waiting to pose in front of the cursive words "I love you so much," painted in red on a mint green background that covers one exterior wall of Joe's Coffee. Painting and color evoke our emotions and cultural

sensitivities. These psychological reactions magnify our relationship with place when the painting and composition of colors are integrated with the physical architecture of the city. If the simple "I love you so much" mural can become a significant landmark for Austin, then what effect do the socially charged murals of Mexico City's civic architecture have on local navigation and sense of identity in that place?

Although a mural may be distinguished from a painting by the manner in which each is framed, the mural is still studied within a frame — be it a wall's face, a page in a book, or a PowerPoint screen. While a painting lives within the curated space of a gallery, a mural lives within the architectural space of a city. In Mexico City, I hoped to elucidate the frames around its murals by asking locals and tourists to draw mental maps of two famous murals, the buildings that house them, and the

Essay

subjective urban frame in which each resides. The idea was to develop a living image of the city along with the cognitive presence of its iconic murals.

Since the *talud-tablero* at Teotihuacán, art has driven architecture's social function in Mexico. Beginning after the Mexican Revolution, 20th-century Mexico City was marked by artists such as Diego Rivera, architects such as Mario Pani Darqui, and planners such as Carlos Contreras Elizondo, who collaborated in the creation of a visual narrative for a modern city with public institutions: ministries, schools, housing, museums, and the Ciudad Universitaria. Their collaboration had a precedent: Thousands of years earlier, in fact, the practice of *integración plástica* — a marriage of painting, architecture, and sculpture — became central to Mexico's architectural and art history. The integration of colorful arts and formal architecture represents not only a combination of the two in a building, but also a singular means of expressing cultural identity and connection to place in one of the most densely populated cities on earth.

My project was inspired by the work of the urban designer Kevin Lynch, who, while at MIT in the 1950s and '60s, emphasized the importance of subjective reading and cognitive mapping of the city. He begins with a definition of "public images" as "the common mental pictures carried by large numbers of a city's inhabitants: areas of agreement which might be expected to appear in the interaction of a single physical reality, a common culture, and a basic physiological nature" (Kevin Lynch, "The Image of the City," 1960, p. 49). Lynch's "Three Cities" research used two groups of map-makers: "a systemic field reconnaissance of the area" by a "trained observer," and "a lengthy interview ... held with a small sample of city residents to evoke their own images of their physical environment" (*ibid.*, p. 15). The resulting interviews helped Lynch generate cognitive maps constructed from a unique language of symbols and lines: paths, edges, nodes, districts, and landmarks.

As architects and designers, we translate phenomenological experience to formal expression

for our clients. In this project, I wanted to give each participant the freedom to impose their own aesthetic, lest something be lost in my formal interpretation of their descriptive experience; the process of rendering interviews as a single set of my own drawings would have isolated their communicated responses from their visual understanding of place. Instead, I gave each participant a 9-in-by-12-in piece of paper, a set of 12 colored oil pastels, and a pencil: I let them draw their own cognitive maps. Oil pastels offered a loose material unfamiliar to both architects and non-architects. Instead of perfectly straight streets and geometries, the oil pastels captured each individual's expressive hand and forced them to make bold, intuitive strokes. All interviews were conducted in Spanish and, with permission, filmed, though in some cases the interviews had to be transcribed.

On January 5, 2016, I arrived in Mexico City, terrified. This was my first time in the country. College years steeped me in the history of Mexican art, as did months studying and

Luis Bello, restaurant manager at the Palacio de Bellas Artes, pauses for lunch in his dining room to draw a map of the museum's murals in the city.



CALL FOR ENTRIES



An exhibition looking at the intersection of Art + Architecture

Exhibition Dates: July 14, 2017 - October 1, 2017

Eligibility: Open to architects and artists residing within 600 miles of Amarillo, Texas

Juror: Rand Elliott, FAIA, Elliott + Associates Architects, Oklahoma City

Submission Deadline: May 5, 2017

Prospectus available at www.amarilloart.org/architecture

Contact: amoa@actx.edu (806) 371-5050



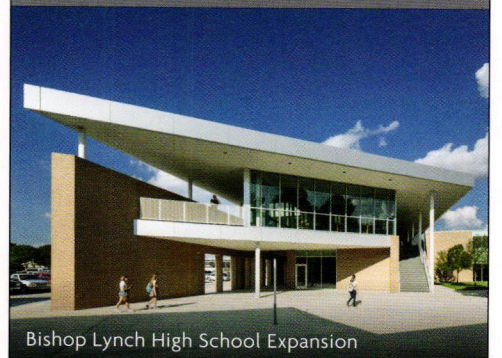
State Farm at CityLine

INNOVATION | EXPERIENCE | SERVICE



L.A. FUESS PARTNERS
Structural Engineers

3333 Lee Parkway Suite 300 | Dallas, Texas 75219
214.871.7010 | www.lafp.com
Mark Peterman PE, Principal | mpeterman@LAFP.com



Bishop Lynch High School Expansion

MARCOZA CASTINGS

Traditional Elegance & Tomorrow's History

Cast Bronze & Aluminum Products
Offer Little or No Maintenance

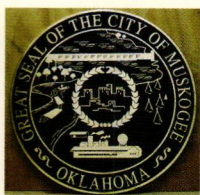
Quality Castings for over 128 years

Expedited Services Available

MARCOZA ARCHITECTURAL CASTINGS

A Division of Midland Mfg. Co.
Fort Worth, Texas 76140

www.marcozacastings.com | 800-678-4848



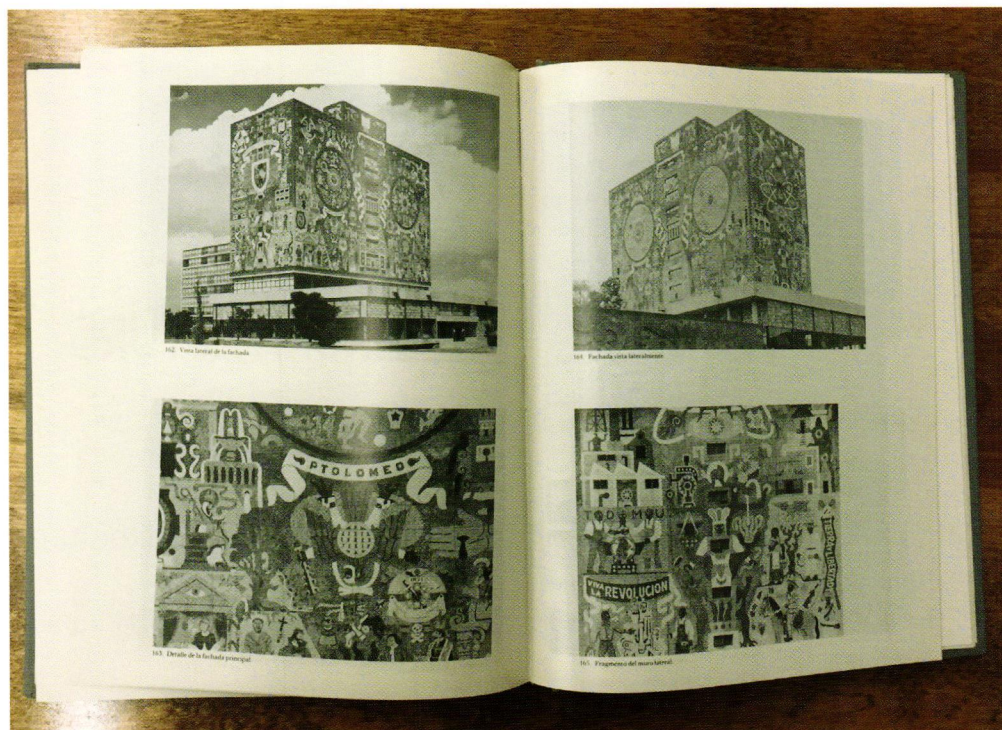
then co-teaching a course in Mexican architecture, and two summers at the New York office of Mexican firm TEN Arquitectos. Not a single “moment” of these framed narratives of art, city, and space allowed me to grasp the multidimensional experience of being there: the tiny ticket counters for airport taxis; the colorful geometries of the houses we passed between Benito Juárez; the monumental experience of the infamous traffic; and the variety of expressive people crowded into cars, peseros, and taxis. The next morning, fully woven into the fabric of the Distrito Federal, I went on the first site visit.

When I did my academic research on the work of Rivera, Orozco, and Siqueiros, I saw their colorful murals in books. They stood out like beacons amid the black rhythm of the text. In Mexico, I expected the murals to hold the same centrality and distinction in their concrete context. Upon arriving, I discovered that in the patter of urban life, many of the 14 murals on my pre-travel list of sites had fallen into the shadows behind new construction, architectural programs, or implemented boundaries, while some had altogether vanished, and many of the public institutions that housed murals granted limited or no public access.

I had arrived in Mexico to examine the cognitive presence of historic murals in the contemporary image of the city. As I proceeded, the pursuit of my research challenged the physical realities of borders and accessibility of what had been known as a public art movement. The murals most recognized and beloved by participants were part of defunct government offices or institutions, now tourist destinations where tickets had to be purchased to view them. The functioning public buildings with murals were nearly inaccessible to the public, and the guards and front-desk workers seemed unaware of the rich artistic contents of the buildings where they worked. Some murals were impossible to find at their site, and architects I asked suspected that when the buildings were renovated the murals had been moved or destroyed.

For example, I went to the Secretaria de Salud Pública to see one of Rivera’s famous murals. Although officially public, the secretariat was not open to visitors, and several weeks were required to process an application to pass through a gate beyond which the mural lay.

“Are there murals in here?” said one guard. “We have some stained glass windows; you can look at that from the street.”



And at the Supreme Court, the women who checked in officials and visitors knew where the murals were located, but claimed to be unfamiliar with their appearance. In these cases, the murals designed with social intent had been reassigned as paintings of the state.

In zooming around Mexico City over 10 days to check out every site on my list, two sites that were a short metro ride apart are juxtaposed in social circumstance and emotion: Palacio de Bellas Artes and Conjunto Urbano Nonoalco Tlatelolco. Each of these buildings wrapped its construction phase during a renaissance of post-revolutionary idealism. The Palacio de Bellas Artes embodies the golden age of Francophile culture and architecture in Mexico under the regime of Porfirio Díaz,* although its construction was slowed in 1910 by the Mexican Revolution. When Federico Mariscal took over the project in 1932, the exterior was completed in keeping with the existing design, but inside the intended Beaux Arts and Neo-Classical detailing were replaced with ornamentation that fused iconography of pre-Hispanic cultures with American Art Deco. The walls of the multi-story atrium and galleries of the Palacio feature work

*The completion of the Palacio de Bellas Artes shows Porfirio Díaz’s intent to produce a theater for high society to enjoy music and arts parallel to the Opera Garnier in Paris, thereby establishing Mexico City as a “cultured, sophisticated” city in the European sense.

by Rivera, Siqueiros, and Orozco that glorified Mexico’s mixed indigenous and European heritage, communism, and fruits of the land, instead of the landed gentry.

Meanwhile, Tlatelolco is known today for its Plaza de las Tres Culturas, originally an extension of Tenoxtitlán with a second Templo Mayor complex. The Spaniards built a monumental stone church on the site and adopted a large plaza to demonstrate their conquest over the Aztec empire.

Located only a few blocks apart, these two sites gave rise to cognitive maps of starkly different colors and emotions.

Palacio de Bellas Artes

Approaching the Palacio de Bellas Artes from the metro station is an easy delight. The building’s white marble glows against the smog of Mexico City, which even on a clear day remains in the dust and crowd below the great blue sky. The exterior of the building was crowded with people seated on marble planters that held massive green bushes. Laughter, snapping photos, and conversations rang in the air.† Inside, a visitor steps with awe into history, and the scale of the murals relative to the free-flow circulation around the galleries conceptually separates them from the

†This research project became as much a series of encounters with people in architecture as a series of encounters with the murals themselves.

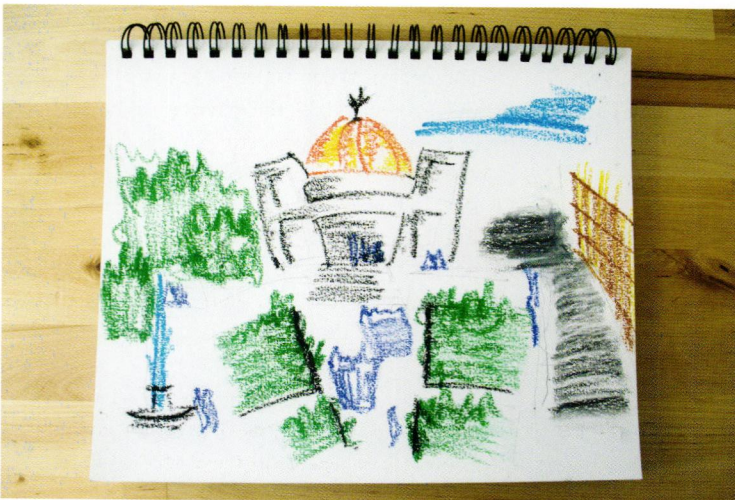
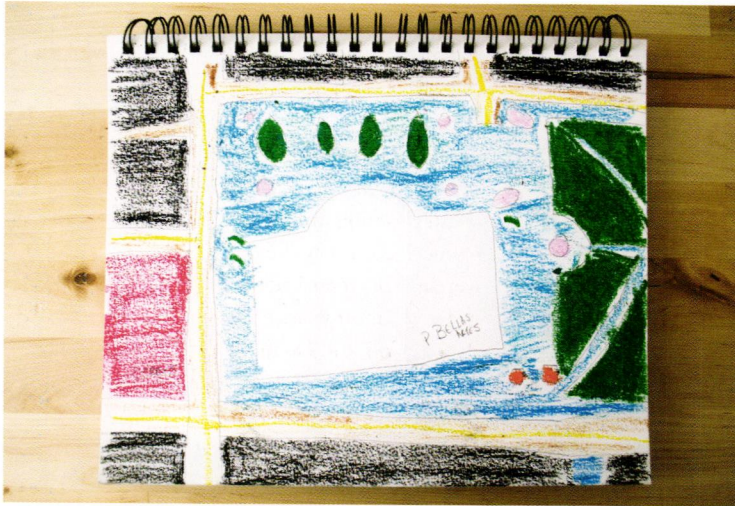
building's exterior. The paint, with its intricate details spread across massive canvases, is rich and jewel-like. It is easy to remember that this building has had two lives — the one that built its exterior, and the second, which filled its interior with breath and soul. The murals are large paintings in a winding, multilevel gallery that opens to the atrium below, yet their scale and placement imply that they are the building's lungs.

I conducted 10 interviews on the Palacio de Bellas Artes, and they were by far the most passionate, overall. Even people I met at other locations wanted to share their admiration and delight and their pride in Mexico City taken from the Palacio de Bellas Artes.

Juan Alberto Vega Barreto was nominated by his colleagues at the information table in the Palacio to be interviewed, because no one else “could draw.” He came to the area daily and said that being part of the atmosphere at the Palacio de Bellas Artes made him feel “happy, proud, and fulfilled.” The only word he chose to describe the Palacio was “happiness,” and he would change nothing about it. From the cherry wood-colored desk by the staircase, he described Mexico City as a whole as “an enormous city with a grand, rich culture.”

It was interesting to note the consensus among people while they were in the same building or place. I also interviewed an architecture student visiting with her mother from Veracruz; the communications director at LIGA, Mexico City's Architectural League; a devout Catholic retiree who had spent her life working at a cafeteria; the concierge from the nearby Westin hotel; the restaurant manager at the Placio; and one of the partners from the young and ambitious architecture firm Taller Veinticuatro. They had all arrived at the Palacio de Bellas Artes with different intentions — to work, on the way to work, to visit and shop in the bookstore, to meditate at the green oasis of the nearby Alameda Central, or to hang out and enjoy the Palacio's public space.

The interview questions invoked subjective descriptions: the color and emotion of the building, its zone, and the city. These experiential responses are the ones architecture and urbanism generate in everyone, not only in formal connoisseurs. No interviewee was privy to the responses of the others, but when they visited they all felt part of something bigger and monumental: “very small,” “protected,” “happy, satisfied, fulfilled,” “good,” and “intrigued.” Only one person, a tourist from the Yucatan,

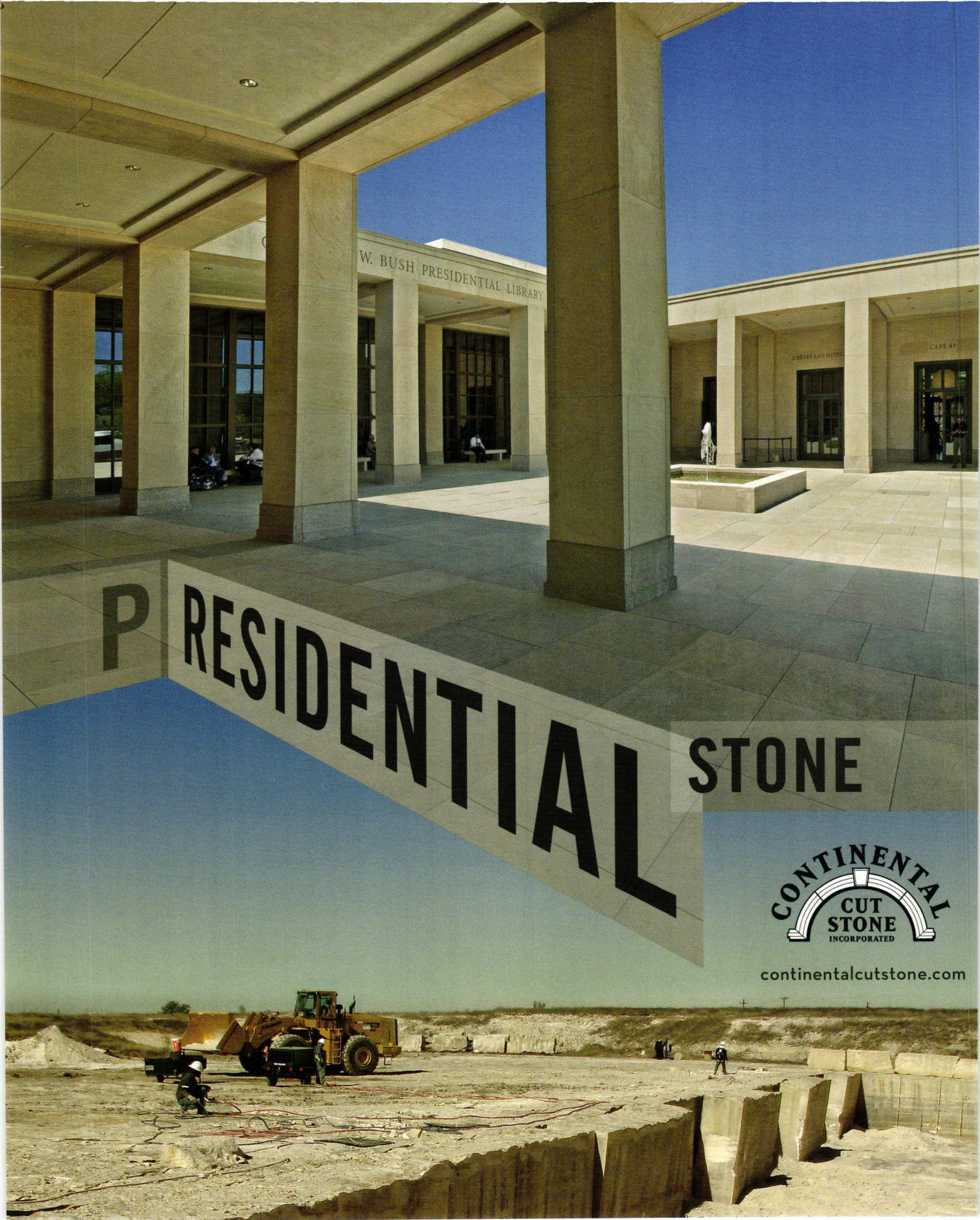


Facing Images of the UNAM c. 1952; Prampolini, Ida Rodriguez. Juan O’Gorman: *Arquitecto y pintor. 1st ed. Universidad Nacional Autonoma de Mexico: D.F., Mexico (1982), p. 213-14.*

Above Main entrance, Palacio de Bellas Artes, Historic District, Mexico City.

Left Map by Juan Alberto Vega Barreto, communications student and visitor services at Bellas Artes, age 23.

Below Map by architect María Graciela López, co-founder of Taller Veinticuatro, age 30.

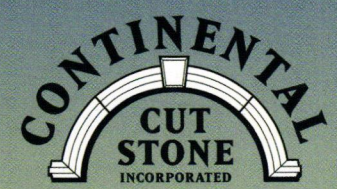


W. BUSH PRESIDENTIAL LIBRARY

LIBRARY AND MUSEUM

CAFE 43

PRESIDENTIAL STONE



continentalcutstone.com

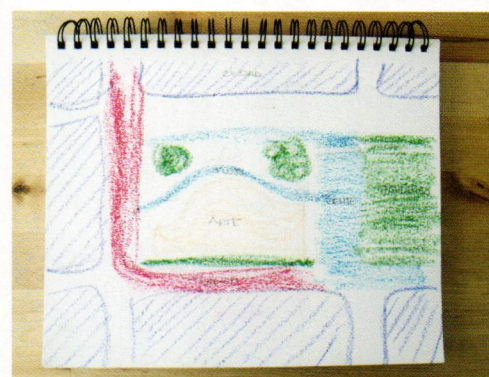
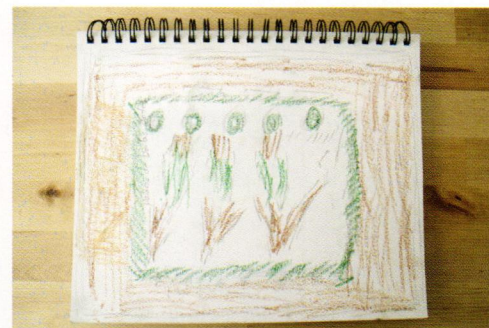




Left Third floor of the Palacio; murals by Diego Rivera, David Alfaro Siqueiros, and José Clemente Orozco.

Below Map by María de la Luz, retiree, age 63.

Bottom Map by Phaulina, an architecture student visiting from Veracruz, age 22.



mentioned the overwhelming chaos of Mexico City. Were these emotional relationships with place related to the architecture? Or were these experiences impacted by the presence of these national murals?

Several participants felt that the beauty of Bellas Artes was inherently linked to the murals. The concierge was uncertain how things might change if the building was stripped of its murals, but María of LIGA explained with conviction: “The building imposes so much that no one enters to see the murals on the wall except to show their children for their civics classes in primary school. Bellas Artes has a foreboding symbolism; the poor do not enter, not because they cannot, but because they still feel forbidden from entering.”

The reality suggested otherwise. Another María, the retired woman who was not comfortable reading and writing in Spanish, came to Bellas Artes and the Alameda Central every month because she loved art. She felt that the beauty of the architecture and art within carried deep spiritual meaning. Asked about the difference between murals and paintings, she considered the question for a moment before

answering: “Murals are more important; they are immortal, and although man passes, murals immortalize our culture and history. Paintings are pretty to look at, but they are made by the artist, not by the culture. These murals are made by our culture.”

Conjunto Urbano Nonoalco Tlatelolco

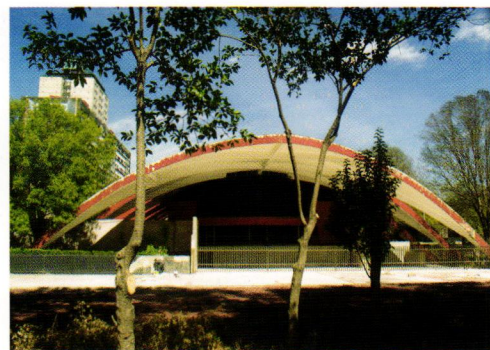
At Bellas Artes, the murals are enclosed; in Tlatelolco, the neighborhood is closed.

Colorful layers of paint and integración plástica guard the exterior of Mario Pani’s urban development. The interviews at the Palacio de Bellas Artes inspired gaiety. When I mentioned over dinner with a friend who works in finance that I intended to do the same research in Tlatelolco, he looked bemused and asked to come along. Uber said the trip would take less than 20 minutes from the leafy, elegant streets of the Colonia Polanco where I’d eaten breakfast, but for upper middle-class and affluent Chilangos, there is no incentive to visit the Americas’ first functionalist public housing project, spearheaded by Mario Pani.

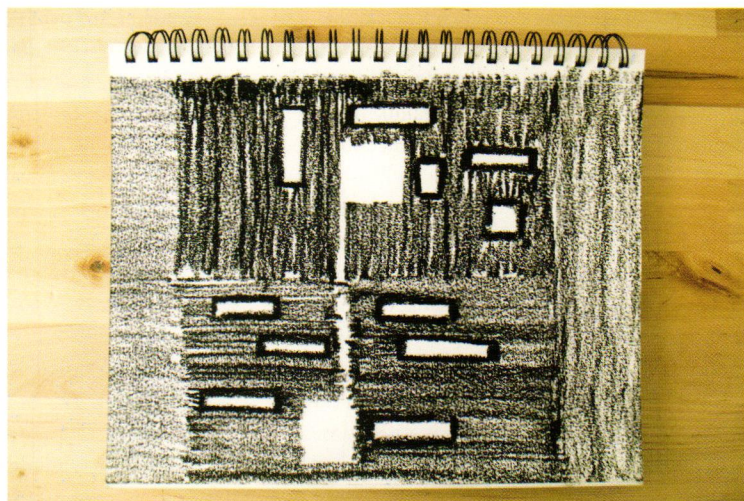
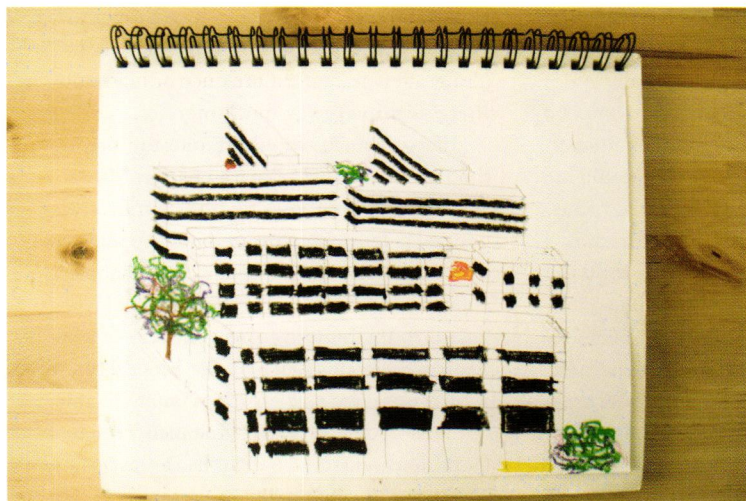
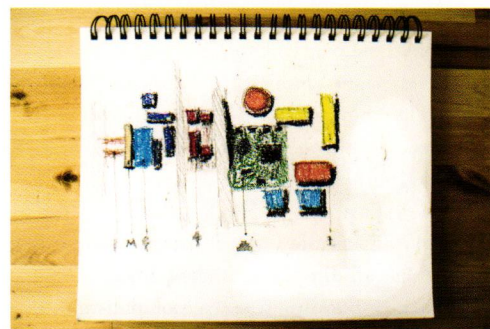
While other neighborhoods of Mexico City are so downright dangerous that no one, not

even the police, enter, Tlatelolco carries more ambiguity. The Plaza de las Tres Culturas has reviews on TripAdvisor, and UNAM, the National Autonomous University of Mexico, has a branch right next to the plaza. Still, most internet queries yield results about the dramatic history, the 1968 Olympic protests and massacre, the 1985 Mexico City earthquake, or the memorialization of the ancient pyramid next to the plaza. So, as I prepared to wander with my camera into an unknown zone in search of murals, I decided to invite along a few friends: a music producer and three architects.

If low-income neighborhoods are happy, then the street is filled with chatter. Music plays from boom boxes or rings out from the windows. In Tlatelolco, parked cars and tentative *tianguis* line the periphery of the housing complex where it meets the highway. The facade of the building is the entirety of what is known about this place by the general public. It proves almost as difficult to enter the interior of the Conjunto Urbano Nonoalco Tlatelolco as to gain access to the murals in the government institutions I visited. There are no gates, but the



Left and above Tlatelolco apartments and a gym.
Maps clockwise from below By architects Israel López Balan, Sebastian Rodríguez, Ulises Omar Zúñiga, and Tatiana Bilbao.
Facing One of six major murals in Tlatelolco by Mexican muralist Nicandro Puente.





concrete and brick structures draw a sharp edge around the building's public contents.

On this Sunday, we pass rows of high-rise apartments, shabby remnants of a former modern glory. Most people outside are men. It is difficult to comprehend how many people live here, because the buildings are more like silent sculptures, and the people like the Virgin de Guadalupe in a Mexican chapel — so easy to visualize, in context, but detached from present reality.

We curve off from a main street, one of the Conjunto Urbano's boundaries, to traverse the Tlatelolco metro station on an adjacent outdoor path. The station and the parallel pedestrian path feed into a sprawling plaza. Groups of young men and boys stand around talking. Some eye me. When I raise my camera to capture the life of Tlatelolco through the lens, I begin to see that the clusters of men are gathered in surreptitious drug deals.

The people walking outside between the walls stare into our eyes, silently, hauntingly. My friends follow the *professor arquitecto* Israel López Balan, as he shares the history of the zone. There are bright colors and six vibrant murals by Nicandro Puente. On this trip, it is too challenging to speak to the housing residents. Along the paved sidewalks, shaded by orange steel structures, the locals walk quickly. An invisible wall glides between us and them, separating our interactions.

The original plan of Tlatelolco by Mario Pani aimed to rectify what he called “*herradura de tugurios*,” a horseshoe slum, titled this way because of the informal, disorganized residential area that workers inhabited on the city's periphery. While ordering systems in architecture most often demand an aesthetic and mechanical prowess, at the scale of the urban physical composition requires an emotional and psychological empathy.

On a Thursday, I met the energetic and brilliant Tatiana Bilbao — Mexico City-raised and educated, and a leading architect — at her studio to discuss the mural project. A great fan of Mario Pani's functionalism, she is drawn to the mapping of Tlatelolco. Given the activity in the studio, she only visits there once or twice a year, though she used to go much more often. Bilbao described the “heavy weight, one of history, a very powerful weight.”

“To me, what comes to mind is collective identity, a collective responsibility. A pressure, social repression ... political ... and inequality. I think the responsibility of an architect with respect to this is very strong. With an architecture, especially one at this scale, one engineers how an entire community lives.”

What about the color of the zone? What colors do you associate with the radius around the housing? Does the *integración plástica* play



Looking back at Conjunto Urbano Nonoalco Tlatelolco from the Plaza de las Tres Culturas.

any role in improving the psychological condition of public space? The concrete depicts a sugary world of painted orange cream, lemon yellow, and cotton candy pink.

Bilbao contemplates.

“Well, I think that’s very difficult. I don’t think it has anything to do with the color of concrete [or material]. I think that the concrete or color might add certain connotations, but it’s the composition of the concrete that matters. I think in controlling the form and scale you can make concrete very likable. So, definitively, it’s not the color that makes the behavior, but the disposition and composition of the place that makes it. Yes, the *integración plástica* in Tlatelolco is important; it’s part of the life, but unfortunately, it’s the grey mood that overtakes it. It’s missing something. It’s missing strength. It’s difficult to compete or contest with an architectural composition that is so negative, so massive, so geometric, so functionalist.”

This interaction of architectural composition with color plays out along the streets of Mexico City. The facades incorporate *brise-soleil*, materials, color, and vegetation in a rainbow of effects, all to illustrate a public narrative on the street and, on the other side, a domestic alternative to the polluted urban reality. On a larger scale in Tlatelolco, the buildings themselves become walls that enclose a less pleasant reality of urban housing from the interaction it needs with the expansive potential beyond.

Wild, Colorful City

After 30 interviews in January 2016, I returned to continue research over the summer with a travel grant from LLILAS (Teresa Lozano Long

Institute of Latin American Studies) at The University of Texas at Austin. Mexico City is indeed a city of contrasts. It begins in the airport line, where a collection of people — young people wearing backwards Dodgers caps and baggy clothes; well-starched Mexican businessmen; a team of American filmmakers along with a bespectacled celebrity — shuffles along toward customs and into the wild, colorful city. At the arrival door, after bags are collected and travelers pass through customs, an olive green canvas body bag on a stretcher parades through the exit between arrivals and enthusiastic drivers, family, and friends. Contrast and colors define the Distrito Federal.

In the taxi from the airport, my driver pointed out a furniture warehouse, plastered with teal and maroon advertisements: “Chairs! Living room! Outdoor furnishings! Bedroom!” they read.

“I’ve never seen this place before,” he said. “Do you know how I can tell this place is new? The colors! That maroon purple is my favorite. Look! I even keep this little towel for my face in the taxi; it’s my color!”

When the *taxista* learns that I came to Mexico to do a project about the city’s murals, color, and their perception within the reading of the contemporary urban plan, he purses his lips pensively.

“Wow! Look over there: Do you like those murals? They grab our attention even as we speed past.”

“Those are colorful [hot pink], but it’s a line of advertisements for running shoes pasted to a construction board. Is that a mural?”

He smirks.

“Do you know the murals of Rivera, Orozco, Siqueiros?”

He nods slowly. “Sí.”

“Do you care for them? Did you mostly visit them as a schoolboy or have you looked at them at other times?”

He looks away from the traffic for a moment. “Yes, I saw them in school.” He is not a day under 50.

On one hand, the residents of Mexico City are proud of the murals, as a part of their history and culture. On the other side, it appears that unless you are a muralist yourself, an art historian, or an elementary school teacher leading children through the Palacio de Bellas Artes, murals are artifacts of the past. Even as buildings remain, the *integración plástica* on their exterior fades into a silent backdrop of civic space. Just as the nuances of architecture often become indiscernible with occupants’ activity, these once-political murals may indulge our view momentarily. More often, Mexico City locals read the murals studied less as markers of public life across urban space than as accessories to the city’s indefatigable clamor.

When I began this project in January, the question was: What larger role or presence do the populist murals carry in a contemporary reading of Mexico City?

In Austin, the kitsch simplicity of murals like “I love you so much” charge them as *genius loci*, nodes of memory around the city’s commercial and tourism operations. Joe’s Coffee in Austin thrives in an understated masonry building in part because of the playful exterior “adornment.” In contrast, the 20th-century murals of Mexico depict deeper, more complex histories of the Mexican people, and consequently become silent, stoic monuments to the past. This is not to say that the murals of focus in the maps are insignificant, but rather that, at the convergence of color and animation, it is actually these works of architectural art that frame the varying spheres of influence and the diversity of emotion one encounters within the city.

This city is an excursion through contrasts, but the contrasts did not grow up on their own; rather, they are the collision that resulted when two narratives of the city, disconnected in the vast sprawl, encountered one another. Around one mural, the single narrative fragments about the edges of a given public space, flowing back into a sea of stories.

Hannah Ahlblad is a graduate student at The University of Texas at Austin School of Architecture.

Convergence

77th Annual Convention
and Design Expo
3-5 November 2016
San Antonio

ONLINE REGISTRATION ENDS OCT. 28
convention.texasarchitectsonline.org



**Visit a BMC Window Center
to Browse our Displays of
Superbly Crafted
Windows and Patios Doors.**

AUSTIN BMC DESIGN CENTER

2106 Denton Dr.
Austin 78758
512-977-7400

CORPUS CHRISTI

800-698-6618

DALLAS/COPPELL

1250 Slocum Street, Suite 738
Dallas 75207
972-764-1895

425 Airline Drive, Suite 100
Coppell 75019
972-304-1200 800-888-3667

FORT WORTH

4455 Camp Bowie Blvd., Suite 110
Fort Worth 76107
817-737-8877 800-955-9667

FREDERICKSBURG/KERRVILLE

603 FM 2093, Suite 1103
Tivydale Business Park
Fredericksburg 78624
830-990-5717

HOUSTON

16002 Tomball Pkwy.
Houston 77086
281-440-9090 800-934-3502

MCALLEN/BROWNSVILLE/LAREDO

800-698-6618

SAN ANTONIO

814 Arion Pkwy., Suite 109
San Antonio 78216
210-494-8889 800-698-6618

WEST TEXAS

800-955-9667

SHREVEPORT

800-888-3667



Built around you.™



We've Got You Covered

At Hager Companies, we are focused on being the one company that can offer a full line of quality door hardware under one brand name. Our specification writing experts can assist you from design through post construction, guaranteeing an objective specification every time. With twelve product lines, we provide thousands of superior products that help architects, specification writers, developers and distributors complete the hardware circle.

One Family. One Brand. One Vision.™



Find us in:
Master Spec, ARCAT and BSD SpecLink

© 2016 Hager Companies
www.hagerco.com



420

CONTINENTAL
GCM
GIN MACHINERY

2016 Design Awards

The Texas Society of Architects 2016 Design Awards jury met on May 5 and 6 in Austin to review 285 entries from across the state. After a lengthy and spirited deliberation process, the jury — which comprised Thomas Hacker, FAIA, of Portland, Ore.; Mauricio Rocha of Mexico City; Dan Wheeler, FAIA, of Chicago Ill.; and Clive Wilkinson, FAIA, of Los Angeles, Calif. — selected 10 winners that acknowledge the wealth of high-quality single-family residences submitted, while also recognizing the top civic, commercial, cultural, preservation, and sacred projects that sought awards. After the winners were picked, the jury toured the Charles Moore house in Tarrytown and Alejandro Arevena's dormitory at St. Edwards, a rewarding endnote to what Hacker called "the most well-organized design awards I've ever been a part of."

44

Boardwalk on Lady Bird Lake

Limbacher & Godfrey Architects

Jack Murphy, Assoc. AIA

48

El House

WW Architecture

Jamie Platt, Assoc. AIA

52

The Cotton Gin at the Co-Op District

Antenora Architects

Audrey Maxwell, AIA

56

Edgeland House

Bercy Chen Studio

Bart Shaw, AIA

60

BP Center for High Performance Computing

HOK

Andrew Hawkins, AIA

64

Hollowcat Wild

Mell Lawrence Architects

Murray Legge, FAIA

68

South Texas Heritage Center

Ford, Powell & Carson

Brantley Hightower, AIA

72

Gewinner Residence

Energy Architecture

Aaron Seward

76

Mission San Juan Capistrano

Ford, Powell & Carson

Margaret Sledge, AIA

80

Saint Michael and All Angels Columbarium

Max Levy Architects

Ron Stelmarski, AIA

2016
Design
Awards

Boardwalk on Lady Bird Lake

"IT'S GREAT JUST AS A PATH THAT A HUMAN WOULD TAKE
NATURALLY, WANTING TO SORT OF LOOK IN CERTAIN
DIRECTIONS, GETTING ENOUGH OF THAT EXPERIENCE,
WANTING TO CHANGE INTO OTHER DIRECTIONS."

– CLIVE WILKINSON, FAIA

by Jack Murphy, Assoc. AIA

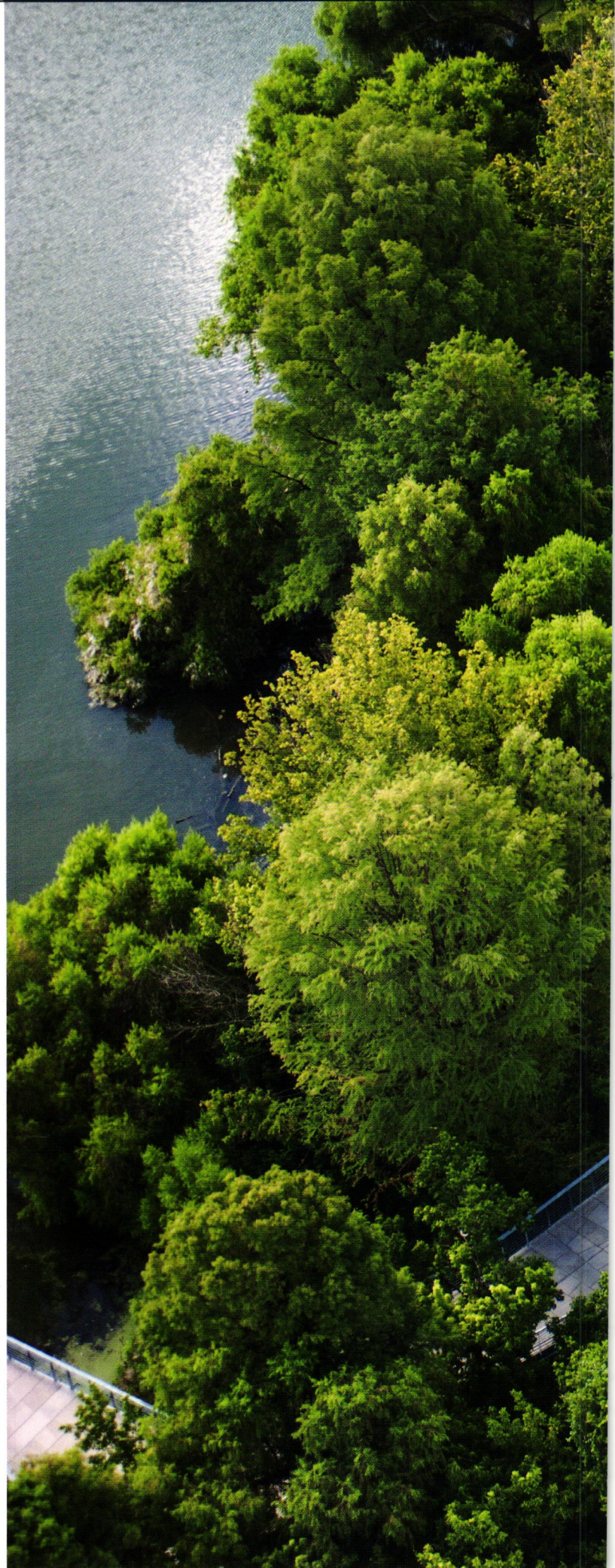
Project Boardwalk on Lady Bird Lake

Client City of Austin

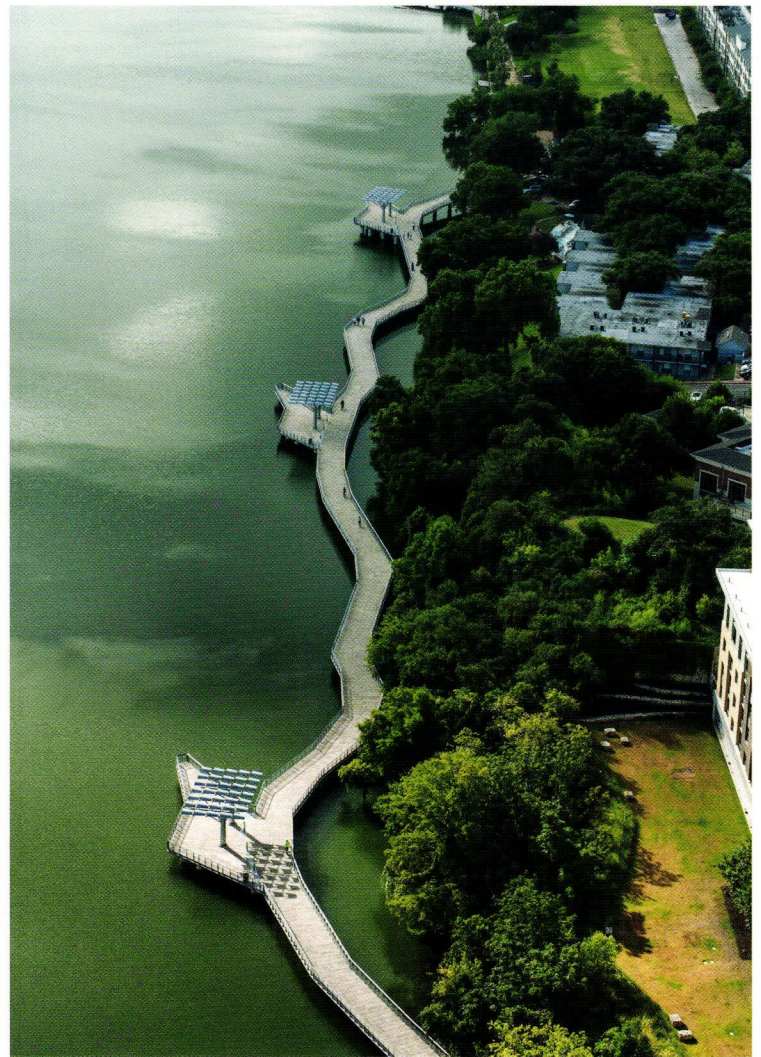
Architect Limbacher & Godfrey Architects

Design Team Alfred Godfrey, AIA; Laurie Limbacher, FAIA

Photographers Francois Levy, James M. Innes, Jeffrey Buehner







If Barton Springs is the aquatic heart of Austin, then Lady Bird Lake is surely its lungs. Every day, citizens can be found running, walking, or biking along its shores. The seven-mile loop, from the Pfluger Pedestrian Bridge down to Longhorn Dam using both north and south paths, is now finally completed. The 1.3-mile-long boardwalk on Lady Bird Lake opened in 2014 after six years of work by Limbacher & Godfrey Architects, an Austin-based office led by the husband and wife team of Al Godfrey, AIA, and Laurie Limbacher, FAIA. This project was one of two TxA winners to also secure a local AIA Austin Design Award this year. Juror Clive Wilkinson, FAIA, declared: “Everything about it is a success as a piece of public architecture.”

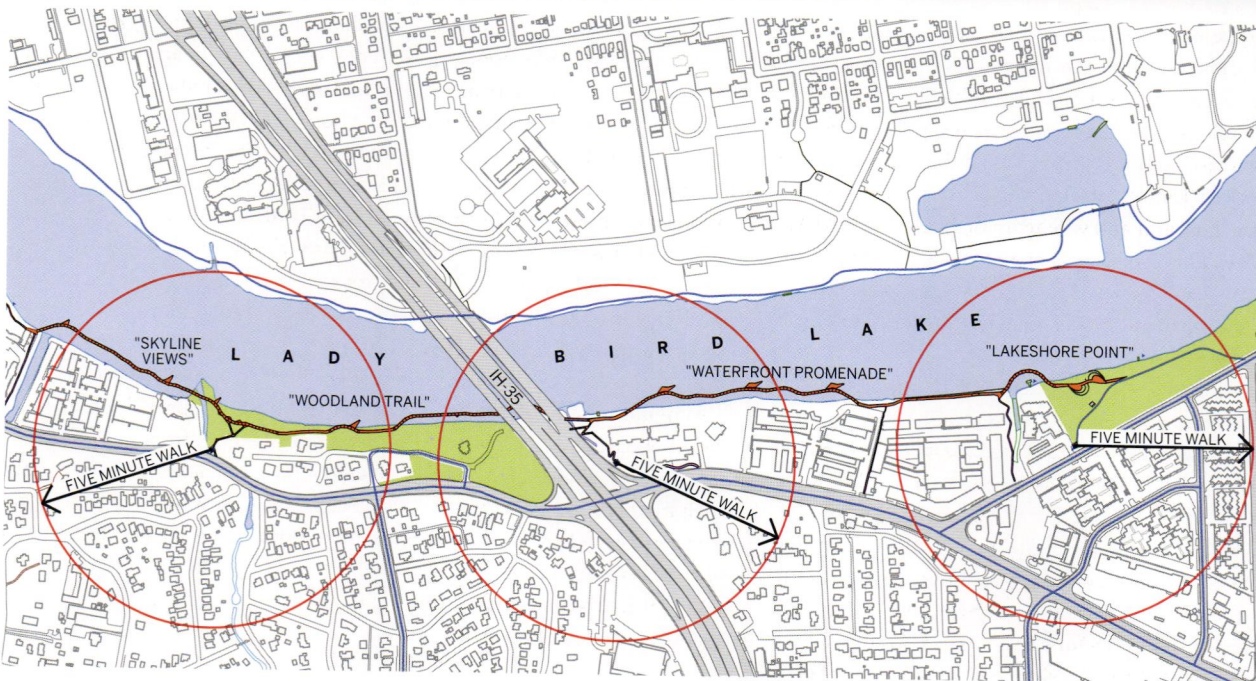
Austin’s new boardwalk is fabricated out of a kit of precast concrete planks and galvanized steel components. The architects took care to ensure the infrastructure’s easy replacement and maintenance, as everything is bolted together and nothing is painted. Directional changes are achieved through angled edges of the walkway units rather than curved parts of specific radii. This allowed flexibility in the final layout of the boardwalk, which changed even during construction due to the complexity of the land agreements and to finesse around critical environmental features.

Walking the boardwalk at dusk in mid-June this year, Al Godfrey remembered that the original brief showed a simple path following the shoreline, but the firm’s impulse was to expand the idea into a more

habitable format. Angling between various options — on solid ground, over interstitial marshy expanses, out over open water, close in against limestone outcroppings, under Interstate 35, on shaded eastern pavilions positioned for watching rowing competitions — the boardwalk resists easy experiential categorization. Juror Dan Wheeler, FAIA, remarked, “So often we find these that are hugging at the edge of a river or waterway, and the fact that this one moves back and forth between woodlands to little slivers, to being the broad landscape, vistas — there are these varying levels of experience to it.” Every 200 feet or so, a lookout provides respite from the ambulatory flow. In a couple of locations, the walkway bends around individual trees — a Cottonwood, just west of I-35, for example — and lifts slightly when access to an existing boat dock was required. It is a flexible, responsive path.

At night, minimal LED lighting under the guardrail provides the illusion of darkness, with just enough lumens to allow visitors to navigate safely without challenging the skyline’s glow. There is no signage, currently, which further reduces regulatory visual clutter. The boardwalk is a part of active city life, where one can exercise or, at dusk, catch the bats in their nocturnal commute. “It kind of reinvents the very public idea of a promenade,” Wilkinson says. “I think it’s a fabulous example to be followed with urban design going forward.”

Jack Murphy, Assoc. AIA, is an architectural designer at Baldrige Architects in Austin.



Opening image *The walkway, seen here at an entrance point from Riverside Drive, threads through its riparian environment.*

Facing *Different shoreline conditions are experienced east and west of Interstate 35.*

Above *A new view of Austin's skyline at dusk.*

Below *The boardwalk runs for 1.3 miles on the south side of Lady Bird Lake.*





2016
Design
Awards

El House

"I THINK, ON ONE HAND, HOW YOU MAKE A HOUSE VERY SIMPLE WITH THIS IDEA OF A BOX, A BOX WITH A CIRCLE IN THE MIDDLE, THAT YOU CAN SEE THE SKY, AND THEN YOU HAVE A LOT OF WINDOWS THAT GIVE YOU LANDSCAPE INSIDE, OUTSIDE, IN MANY WAYS."

– MAURICIO ROCHA

by **Jamie Flatt, Assoc. AIA**

Project El House, Houston

Architect WW Architecture

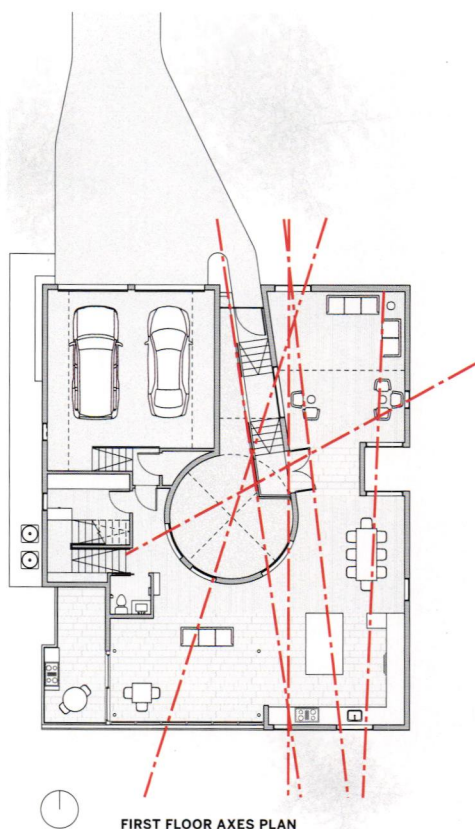
Design Team Ron Witte, AIA; Sarah Whiting, Assoc. AIA; Dan Baklik; Sam Biroscak; Mary Casper; Alicia Hergenroeder; Rasem Kamal; Riley Neal; Renee Reder; Geoffrey Sorrell; Sam Tannenbaum; Liang Wang; Peter Di Yi

Photographers Nash Baker; Paul Hester; Ron Witte, AIA

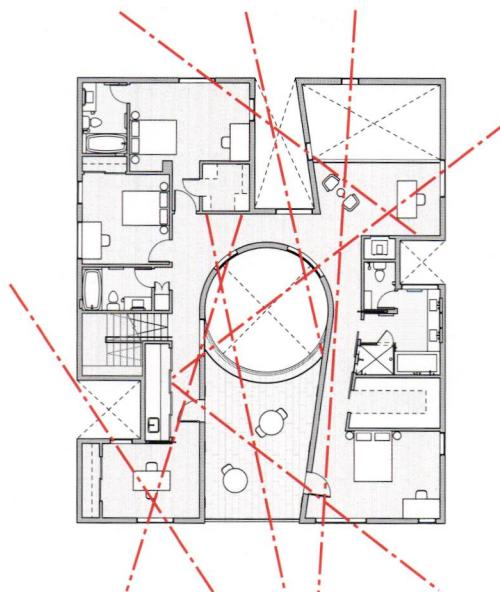
Opening image A cylindrical courtyard insulates the residents from the densifying neighborhood while keeping them in touch with natural light and views.

This page The materials and color palette, like the form, is simple. Pale blue casework and slate flooring demarcate the kitchen. The finish on the veneer brick refracts light, adding interest to the minimal facade.

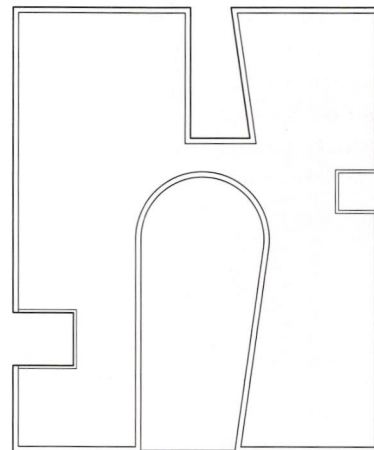




FIRST FLOOR AXES PLAN



SECOND FLOOR AXES PLAN



ROOF PLAN

El House, by WW Architects (the practicing partnership of academics Ron Witte, AIA, and Sarah Whiting, Assoc. AIA) proposes a new typology for private homes in densifying environments with a powerfully simple reinterpretation of the central courtyard. Set as it is on a quiet suburban street in southwest Houston that has sustained annual property value increases of 10 percent over the last five years, the architects cite the combined pressures of increasing property values and a general desire among homeowners to maximize volume as their original inspiration. The simple, cubic response employs strategic window placement and a cylindrical void to insulate the interior without isolating occupants from natural views or presenting a hostile facade to the street.

Responding to the pressures of value and volume resulting in the jarring collection of adjacent styles, scales, and eras, the typology asserted by El House offers a universal solution. Employing windows at varying heights and sizes to frame views into, across, and out of the house, the architects created 14 distinct “wobbly” view axes to achieve interest and connectivity. Prioritizing views to the sky and the stable parts of the surrounding environment (in this case, established trees), the combination of central void and controlled views protects the interior experience while maintaining broad context connectivity. It is this power as a transcendent typology that differentiates the project. Imagining the rounded central courtyard in active rotation as “it works sectionally up through the building,” jurors noted that the strategy employed “is a model that has a lot of strength.” The clarity of understanding offered by the design and accompanying diagrams is explicit and effective.

FEMA flood zone designations required that living areas of the home be elevated above the ground. Observing that this height increase succeeded

in inflating the effective scale of many recently built homes in the area, the architects created a simple detail to achieve the opposite effect. By cantilevering the perimeter of the structure out over a narrow band of white stone, the necessary height was achieved while making the cube form of the house appear to float. At night, perimeter downlights create a soft glow between the home and the ground plane.

Material selection and color palette, like the form, are simple and strategic. Witte described the design team’s extensive research into exterior cladding options that produced the dark gray thin brick. As all brick facades perform as veneer, not structure, the lighter weight of the thin brick made the cantilevered structure-to-ground detail feasible. The specific color and composition creates subtle surface light refractions that add interest to the facade and highlight the curve of the interior courtyard.

Similar restraint is found on the interior. Walls are painted gypsum white everywhere except for the pale blue that sets off the kitchen. Crisp, custom reveals at window and baseboard are consistent throughout. Blonde hardwoods are punctuated only by dark slate at the entry, kitchen, and terraces. Fixtures, cabinets, and technology recede, leaving the focus on the form and intersecting views.

In selecting El House from “the many, many beautiful projects” considered this year, the jurors gave credit to the architects’ restraint. Demonstrating confidence that the simplicity of the mission, diagram and tectonic response were enough, El House stood out for being “beautifully edited.”

Jamie Flatt, Assoc. AIA, is a principal in Page’s Houston office.



2016
Design
Awards

The Cotton Gin at the Co-Op District

"IT'S A RESPECT FOR THE EXISTING BUILDING RESOURCES, AND I THINK IT'S ADMIRABLE FOR THAT. WE SHOULDN'T ALWAYS BE KNOCKING DOWN THINGS TO BUILD NEW THINGS."

— CLIVE WILKINSON, FAIA

by Audrey Maxwell, AIA



Two inward-facing cotton gin structures were deconstructed and their pieces reassembled to form an engaging public event space for a growing Texas town.

Project The Cotton Gin at the CO-OP District, Hutto

Client City of Hutto

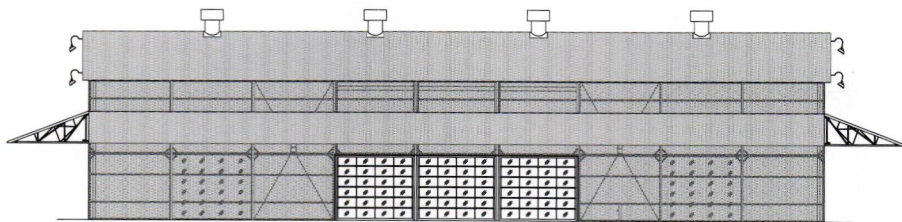
Architect Antenora Architects

Design Team Michael S. Antenora, AIA; Gordon B. Bingaman, AIA; Justin Gesch

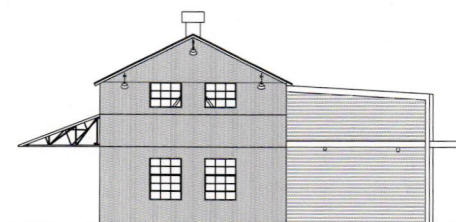
Photographer Brian Mihealsick, Mihealsick Photography



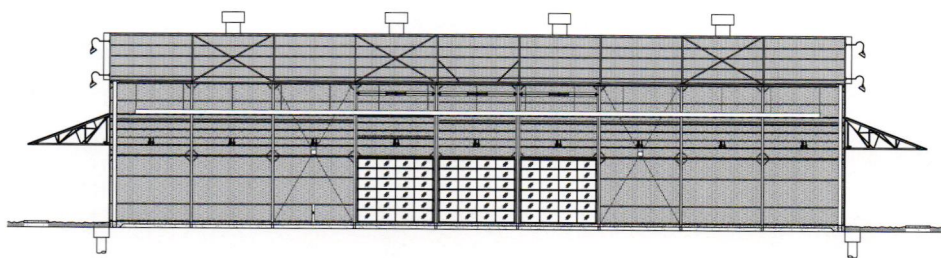
Perforated metal skin and large glass openings admit a dynamic display of natural light that changes throughout the day. The city hopes the building will become a catalyst for future development, both public and private, on the 16-acre site. The photo above documents the condition of the existing buildings.



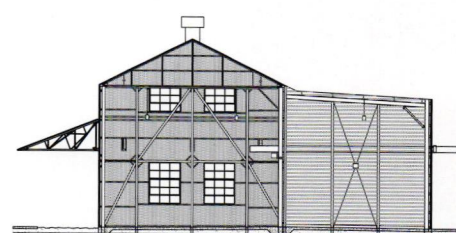
SOUTH ELEVATION



EAST ELEVATION



NEW SECTION LOOKING SOUTH



NEW SECTION LOOKING EAST

The City of Hutto, located northeast of Austin, was established in 1876 with the construction of the International & Great Northern Railroad. The city has a rich agricultural history, particularly of cotton farming and cattle ranching. Once a small rural town, Hutto has experienced significant growth due to the opening of SH-130, which connects to the Austin area and the nearby Dell corporate campus.

The 16-acre Co-Op District site was purchased in 2003 with the idea of using the land for new city facilities and, potentially, private development. Antenora Architects was commissioned in 2009 for a citywide facility-needs assessment. They were later tapped for a master plan and preliminary design for a new City Hall on the Co-op site which relocated and re-purposed portions of the two existing Cotton Gin buildings. The master plan and building design were revised in 2012 with the Gin buildings adaptively reused in situ as a more modest public events center. A future, adjacent City Hall will incorporate remaining stored materials from the original gin structures.

Ultimately, two existing cotton gin structures from 1947 were carefully disassembled, cataloged, and reassembled into one new building on the larger of the two gin buildings' footprint. The structure was repaired and then reinforced to comply with current code. A deliberate effort was made to identify materials worthy of reuse. Existing roof trusses and columns were sandblasted, scraped, and coated with marine epoxy. Members were reassembled, then supplemented structurally where necessary. New openings and cladding were installed to complete the vision.

The new Gin Building alludes to its predecessors, while avoiding outright mimicry. The existing building pad was topped with 12 in of new

concrete and reused, and the building massing is intentionally similar to the original structure. Signature elements of both buildings, such as the awnings were reused and reconfigured. The building skin is a clever reimagining of the conventional metal siding so often associated with agricultural structures. Three sides of the new building are clad with metal panels that match the original construction; the south is skinned with a perforated stainless steel. In combination with glass overhead doors installed in the three center bays, a once-inward-focused structure has been transformed into an engaging public space. During the day, sunlight filters into the structure, while at night it appears as a lantern. It creates a dollhouse-like effect, as if the front facade has been stripped away, the goings-on inside exposed to public view.

Clive Wilkinson, FAIA, a juror for this year's Design Awards, said of the project: "It was an interesting challenge that the city had about what to do with its industrial legacy, and how to remember the past and also bring it into contemporary use. I think with a tight budget, we imagine, they approached this with a lot of ingenuity about how to revive a structure, to refresh it for the future and re-appropriate it for event space in the absolutely most minimal way."

The result is a flexible civic building that honors the city's agricultural past. The Cotton Gin now hosts an array of city events, farmers' markets, and weddings. It serves as a beacon to passersby on U.S. 79 and portends a thriving, progressive future for the City of Hutto.

Audrey Maxwell, AIA, is a principal at Malone Maxwell Borson Architects.



2016
Design
Awards

Edgeland House

"ONE APPROACHES SOMETHING WHICH IS EARTHEN, SOFT, AND NATURALISTIC. AND YOU OPEN THIS CREVASSE AND YOU FIND THIS CRYSTALLINE REFLECTIVITY, AND LIGHT-FILLED SHIMMER THAT ONE IS NOT NEARLY EXPECTING."

– DAN WHEELER, FAIA

by **Bart Shaw, AIA**

Project Edgeland House, Austin

Architect Bercy Chen Studio

Design Team Thomas Bercy: Calvin Chen; Dan Loe, AIA; Ryan Michael; Brad Purrington; Agustina Rodriguez

Photographer Paul Bardagjy

Opening image *With the help of the Lady Bird Johnson Wildflower Center, the architects established a colony of native plants on the roof.*

This page *The pool points the way to the Colorado River, spilling off the edge in a metaphorical gesture.*

Facing *The house provides a place to commune with nature and contemplate one's connection to it.*

The house forms a philosophical and physical rift. It finds a continuity with the landscape, a harmony with nature that many projects seek, while presenting a strong metaphor for its disturbance. It wields each idea to reveal the other.

It was this conceptual duality that captured the attention of the jury. “It sets itself apart with the very dramatic concept, but then again at the same time it buries itself into the earth. So it’s sort of doing two things at once: It’s both being extremely bold, [and] it’s also trying to restrain itself. That tension is fascinating,” said juror Clive Wilkinson, FAIA.

The site is in East Austin, between an industrial strip and the river. An oil pipeline ran diagonally through the property, and it was never developed. The owner was looking for a place to build a house on the river and saw potential in the lot. Researching the property, he learned that the oil pipeline was no longer in use, and he sought out the oil company’s participation in its removal.

The owner came to view the land as nature scarred by this pipeline, a harsh human intervention that tore through the natural river habitat. He wanted his home to reflect this scar, this tearing of the natural fabric and sought out Bercy Chen Studio. The architects, who note that the excavation of the pipeline inspired them to draw on the typology of the Native American pit house, created a poignant manifestation of the owner’s idea.

To reveal the singularity of a line, you must remove other forms and shapes, then other lines, until only one is left. Working with the Lady Bird Johnson Wildflower Center to reintroduce native species, the architect established a green roof that looks as if it stole a section of the adjacent site to appoint its surface. It finds such solidarity with the surrounding site, it’s hard to find its edge. As you approach the house, the roof tilts and angles as if tectonic plates were at work beneath its surface. This uniformity is what gives the jagged tear in the landscape such power. The break emerges as you approach; the land splits to either side, the roof rising toward the opening in the earth as if the surface tension were broken by its formation.

Descending the steps, the plane of the ground passes above you, and you enter a glass canyon. The steel structure supporting the vegetative roof lends a light feeling to this space, with no obstructions from the glazing to the rear walls of the interior. The walkway through the rift separates



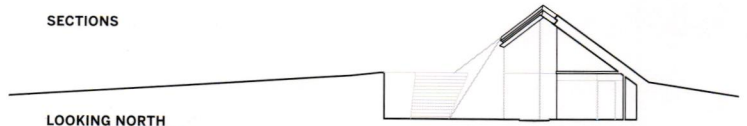
the public from the private portions of the residence, both of which feature views toward the river. The glazing of each side creates mosaic views of reflections back across to the trees and ground above, creating peeks at the natural environment through angled wedges of space. The vegetation is finding its own way, beginning to cascade down the edges of the roof and retake the hard edges of the modern lines. A triangular pool reflects the harsh angle of the roof and projects its horizontal plane toward as the hill falls away.

The strength of the metaphor is profound, capturing an idea so purely that it may portend larger notions. Yet this is not an architecture of theory, but in fact a beautiful place to be, satisfying a human desire to not only commune with nature, but also to contemplate our relationship to it. Here, one can find solace in the power of nature to adapt and recover. You can feel it as you stand in this break in the land, as the vegetation on either side reaches across and alien-looking insects, snakes, and lizards “mind the gap.” As the tear reveals itself to you as you approach, so the land seems to heal as you walk away, as the gap disappears into the landscape.

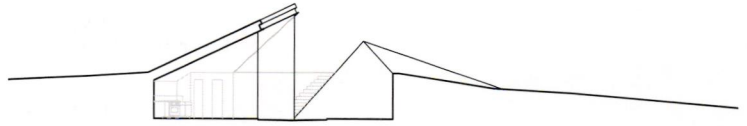
Bart Shaw, AIA, is an architect in Fort Worth.



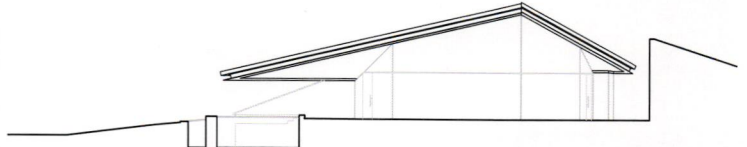
SECTIONS



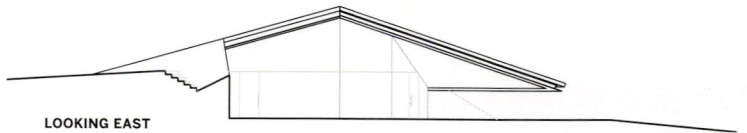
LOOKING NORTH
THROUGH BEDROOM



LOOKING NORTH
THROUGH KITCHEN/LIVING



LOOKING WEST



LOOKING EAST





2016
Design
Awards

BP Center for High Performance Computing

"IT COULD BE, LITERALLY, A BIG, DUMB PRE-ENGINEERED BUILDING. IN THIS CASE, THE NOTION WAS TO TRY TO GIVE SOME DIGNITY TO THE PEOPLE WHO WORK THERE."

— DAN WHEELER, FAIA

by **Andrew Hawkins, AIA**

Project BP Center for High Performance Computing, Houston

Client BP America

Architect HOK

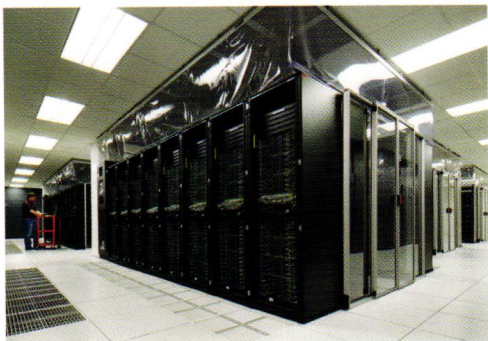
Design Team Peter Ruggiero, AIA; Kathrin Brunner; Bob Carnegie, AIA; Francisco Silva, AIA; Gregory Lake, AIA; Joanna Lam; Emily Willner, NCIDQ

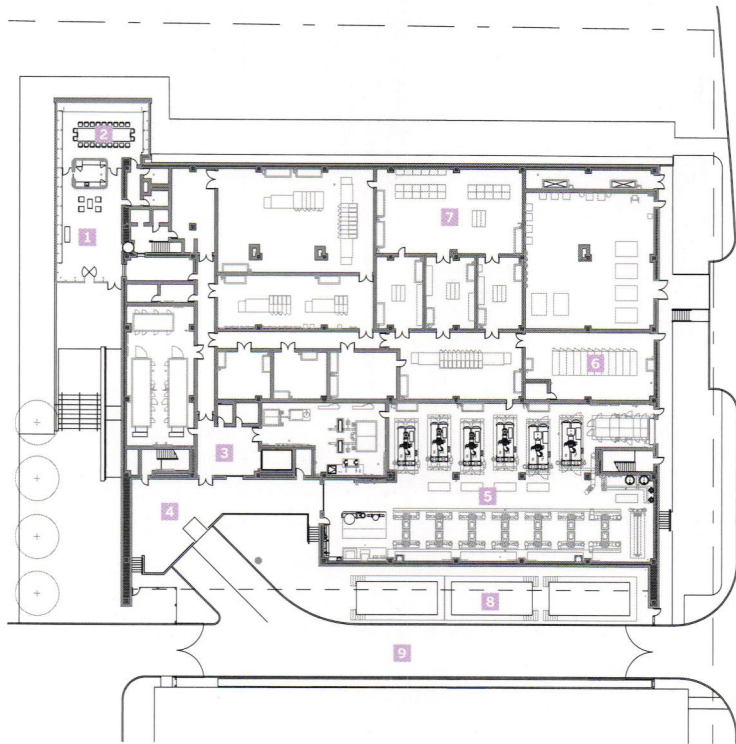
Photographer Mr. Steve Hall, Hedrich Blessing Photographers



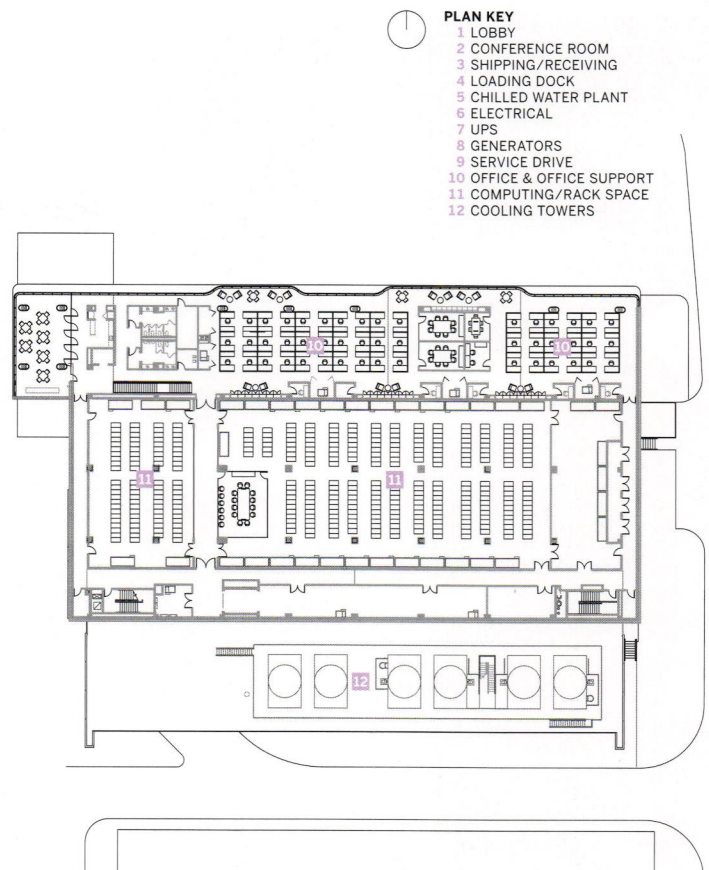
Opening image Layers of geological sediment and arrays of circuitry inspired the pattern on the precast cladding.

This page The north facade facing the highway has a solid pedestal at street level with ribbon glazing above. The conference room on the first floor has become a favorite on campus due to its curving interior space and east-west views. The hum of data is ever present.





FIRST FLOOR PLAN



THIRD FLOOR PLAN

PLAN KEY

- 1 LOBBY
- 2 CONFERENCE ROOM
- 3 SHIPPING/RECEIVING
- 4 LOADING DOCK
- 5 CHILLED WATER PLANT
- 6 ELECTRICAL
- 7 UPS
- 8 GENERATORS
- 9 SERVICE DRIVE
- 10 OFFICE & OFFICE SUPPORT
- 11 COMPUTING/RACK SPACE
- 12 COOLING TOWERS

Speeding down I-10 west of Houston, it is easy to lose interest in the amalgamation of architecture on either side of the roadway, yet within this monotonous lull of freeway and commodity lies a facility dedicated to the speed of data. The BP High Performance Computing Center on the BP campus contradicts both the adjacent freeway and the existing archetypes of data computing centers. The project, sensitive to its location and function, prompted jury member Clive Wilkinson, FAIA, to say: “We thought it was important to acknowledge it as an example of what these types of buildings could do, which is something that is so often disappointing. This was something well worth applauding.”

Duality of purpose, duality of inhabitants, and duality of responses characterize the facility. It plays two roles adjacent to the freeway that conveys mass numbers of people on a daily basis: It must address this entity too large to disregard (that section of I-10, comprising an astounding 26 lanes, is the widest freeway in the world), while also acknowledging the BP campus that houses it. What the Computing Center shelters is 65% “silicon-based” (the machines) and 35% carbon-based (the humans). While silicon reigns supreme in this structure, the design is mindful of its role as a place where carbon-based life performs day-to-day work activities. The box-within-a-box archetype had to be expanded to put researchers in close proximity to their computations. This duality of response is handled by the separation of focus for each of the three floors within the design.

The building is split on each level between the humans and the machines, a duality not lost on its inhabitants or the design team at HOK. The lower floor is still the area with the most public access, and it addresses

the bulk of the main campus to the south: An outstretched, glazed appendage invites users to approach this elevated first level, where the conference room has become a campus favorite. Perhaps paradoxically, there is no pressing sense of congestion or noise, as the 26 lanes of traffic nearby are hidden behind the curved clad north wall of the conference room; this floor purposely turns its back on the freeway just yards away. (The freeway is so close that an auto or two has already entered the stormwater detention area now dubbed the “protection moat” by the center’s on-site director of technical computing, Keith Gray.)

The upper two floors contain both inhabitable space and space dedicated to the business of data computing. These floors expose themselves along the north facade via a rippling wave of ribbon glazing to the bustling of the interstate. The carbon-based occupants get to work in this portion of the building, with its copious north light and sometimes frantic views. The spaces are elevated and insulated from the noise of the freeway, yet just across the corridor the purr of big data computing is all that one can hear. The uppermost floor houses one of the largest supercomputers for commercial computations in the world. In the center of this supercomputing brain is the “Fishbowl,” a glass-enclosed conference room amid the data servers, computing racks, and buzz at the heart of the building’s third floor — a computer geek’s dream space. Sitting in this space — insulated from the heat and whirring, yet fully aware of the computing racks, their continuous blinking, and obvious workloads — the duality of the facility becomes apparent, and the sophistication of the solution even more so.

Andrew Hawkins, AIA, is principal of Hawkins Architecture in College Station.



2016
Design
Awards

Hollowcat Wild

"IT'S ALL HANDLED IN A VERY MODEST, CONTROLLED WAY,
WITH QUITE A BEAUTIFUL MATERIALITY TO THE WALLS."

— CLIVE WILKINSON, FAIA

by Murray Legge, FAIA



Project Hollowcat Wild, West Lake Hills

Client Lynn Walton and Bill Witcher

Architect Mell Lawrence Architects

Design Team Mell Lawrence, FAIA; Krista Whitson, AIA; Kim Furlong; Erin Curtis;
Scott Smith; Francois Lévy

Photographers Whit Preston; Andrea Calo

In reviewing the Wildcat Hollow house known as “Hollowcat Wild,” the TxA Design Awards jury noted its material restraint, elegant detailing, and quiet confidence — all commendable achievements of a well-crafted building. More importantly, the jury mentioned the building’s contrasting relationship to the site, an unexpected approach that conceptually underpins the project as a whole.

The City of West Lake Hills, located to the west of Austin, is situated in an area of densely rolling hills and winding roads. The picturesque box canyons and dense woods, punctuated by spectacular views, have made this affluent suburb a popular place to build for those looking for a wilder setting and retreat from Austin’s growing urban intensity. Wildcat Hollow Road winds up from the lake along the edge of a densely wooded and very steep hillside. The approach to the house is from above.

Turning off the road, you abruptly descend the driveway to a surprisingly empty central courtyard space. Mostly hardscape for circulation and parking, the courtyard feels utilitarian. The only vegetation is a rectangle of grass looking like a constructed placeholder for something green, in the way an architect might shade a green patch on a drawing with a colored pencil, meaning to add something later. Were this a theater set, the green space would be a stand-in for a lawn.

Three figurative buildings compose a rectangular frame enclosing the courtyard space, which is open on one side. The severity of the courtyard figure, with its penetratingly blank interior, marks the daring spatial contrast to the steep, wild site on which it is located. The emptiness and control of this *de Chirico* moment detaches from the site. A more probable architectural response would have been to work with the slope; however, this building clearly has other ambitions. The austere courtyard space, benched into the steep slope of the site, could be anywhere, giving the project an anonymity at its core.

The lack of spatial transition into the courtyard further heightens the experience of entering it, giving a visitor the feeling that he or she has accidentally stumbled onto a conversation among three characters caught in the middle of an argument. The composition acts as an inverted proscenium, where the three framing buildings contain the personality, and the dialogue is occurring on the perimeter. There is the feeling of a frozen moment where observers are left wondering what the scene was about.

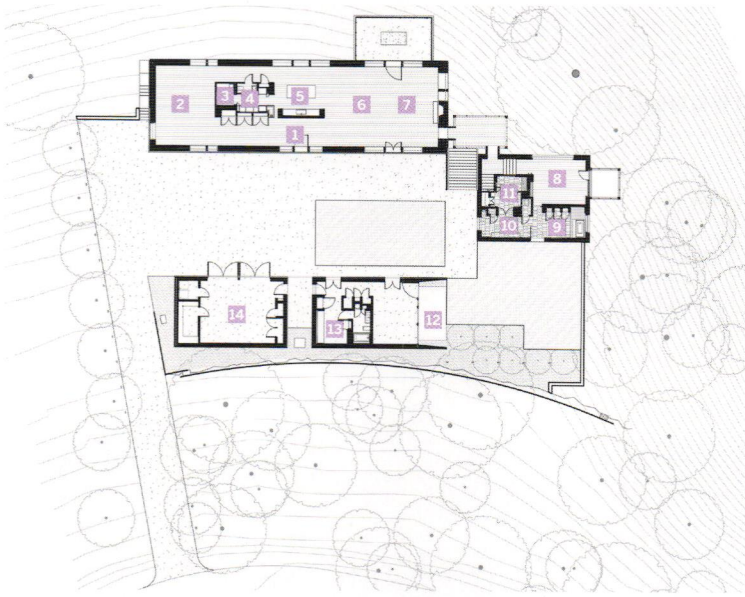
The three buildings are familiar to each other, somehow, while containing markers that identify them as clearly separate. Although all are composed of the same exterior Lueders limestone, each has a different roof treatment. The two side buildings are single-story volumes that resemble each other and act as more typical courtyard wall buildings with rational openings that correspond to their functions.

The third building, a primary figure at the end of the composition, is more ambiguous. This two-story volume is asymmetrically shifted to the east, downslope, as if it were in the process of exiting the scene, having been distracted from the serious mood by the slope and view. The asymmetry heightens the tension among the buildings and leaves the rigidity of the courtyard frame uncertain. Its one large eye looks directly into the roof overhang of its companion, further emphasizing their tentative relationship.

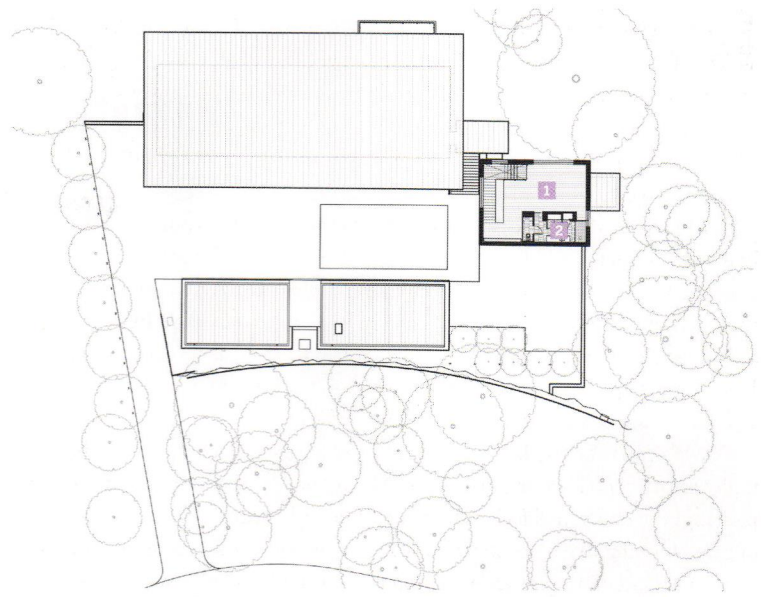
Mell Lawrence is skilled at creating buildings that have a figurative, storybook-like quality. While no less personal and idiosyncratic than his previous works, this new conversation occurs across a *tabula rasa* at its center giving the project an undeniable questioning and gravity.

Murray Legge, FAIA, is a principal of Murray Legge Architecture in Austin and a co-founder of Legge Lewis Legge.





SITE/FLOOR PLAN



SECOND LEVEL PLAN



SITE/FLOOR PLAN

- 1 ENTRY
- 2 MEDIA
- 3 LAUNDRY
- 4 PANTRY
- 5 KITCHEN
- 6 DINING
- 7 LIVING
- 8 MASTER BEDROOM
- 9 BATH
- 10 DRESSING
- 11 CLOSET
- 12 GUEST
- 13 OFFICE
- 14 GARAGE

SECOND LEVEL

- 1 DEN
- 2 BATH

Opening image Three buildings frame a rectangular courtyard space that is open at one end.

Facing The open kitchen-dining area is filled with daylight from a raised clerestory. An enclosed balcony off the master bedroom looks into the trees.

Left The use of Leuders limestone ties the three buildings together.





2016
Design
Awards

South Texas Heritage Center

"IT'S JUST A VERY FINE EXAMPLE OF HOW TO ADD TO A
HISTORIC BUILDING IN A WAY THAT IS OF ITS OWN TIME."

– THOMAS HACKER, FAIA

by **Brantley Hightower, AIA**

Project Robert J. and Helen C. Kleberg South Texas Heritage Center, San Antonio

Client Witte Museum

Architect Ford, Powell & Carson

Design Team Chris Carson, FAIA; Allison Chambers, AIA; Yu-Long Yang, AIA;
Nathan Perez, AIA; Steve Trevino

Photographers Dror Baldinger, AIA



Since 1926, the Witte Museum has sat on the east bank of the San Antonio River at the edge of Brackenridge Park. In the 90 years that followed, the museum amassed an expansive collection of artifacts related to natural history, science, and Texas history. It also acquired an eclectic collection of buildings.

In addition to the museum's much-altered main building, the Witte campus includes a number of relocated historic structures, as well as Pioneer Hall, a Mediterranean Revival-style limestone structure originally built as a somewhat belated part of the Texas Centennial Celebration in 1938. The Ayres and Ayres design was built as a gathering place for surviving pioneers, trail-drivers, and early Texas Rangers who were still alive in the 1930s. The simple, rectangular-shaped building had three clubrooms on the first floor and a large ballroom on the second. A small lean-to on the building's backside housed support spaces and stairs.

Pioneer Hall served its original function until eventually there were no surviving pioneers left to gather there. Although it was initially operated as a separate institution, it merged with the Witte in the early 2000s. When a master plan for the Witte campus was being studied, it became clear that changes would need to be made to Pioneer Hall in order for the campus to function as a cohesive whole.

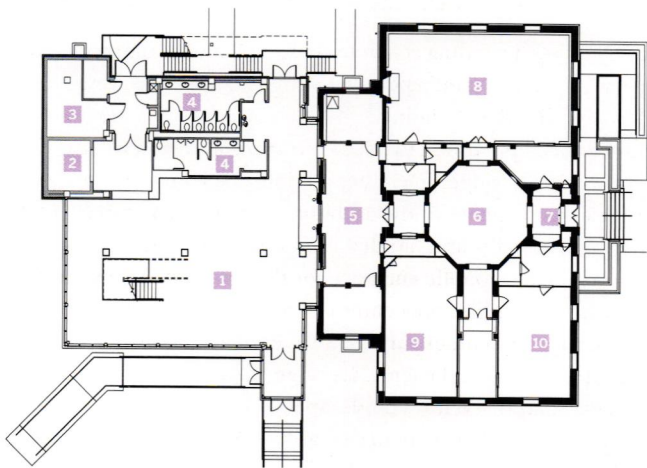
In 2009, Ford, Powell & Carson was hired to assess and restore the interior of the existing 11,600-sf structure so that it could display artifacts from the Witte's collection pertaining to the history of South Texas. The clubrooms and ballroom were easily converted into gallery spaces. Historic

details and finishes — including concrete ceilings that were painted to look like wood — were restored, and upgraded mechanical systems were sensitively inserted into the 1938 building.

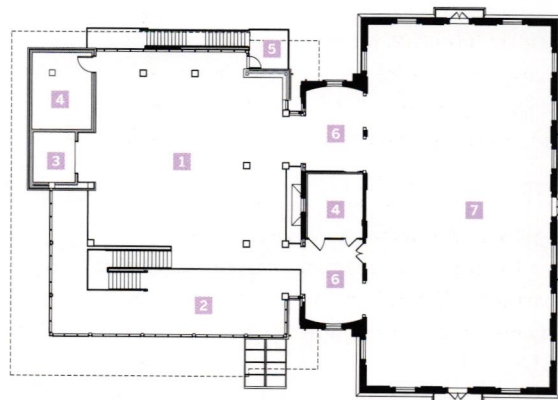
The lean-to was repurposed to act as a transition to a new, more open gallery space. New openings were cut into the lean-to's mostly blank rear facade to connect to the addition. Clad in a combination of steel-framed curtain walls and banded limestone, the modern, 7,000-sf addition acts as the new public entrance for the restored and expanded facility. Visitors to the Witte now enter the rebranded South Texas Heritage Center through an expansive 30-ft atrium that also acts as a new venue for receptions and events. Its large expanses of glass provide views of the river and the Witte's landscaped riverside campus. A mezzanine acts as a gallery that recreates what San Antonio's Main Plaza was like in the 1850s.

In addition to its function as a repository for historic artifacts, the South Texas Heritage Center was also designed to accommodate the incremental implementation of the Witte master plan. Earlier this year, its atrium was connected to the new Mays Family Center that acts as a venue for large traveling exhibits and as an event space. The South Texas Heritage Center will also eventually connect to a new Great Hall, which will act as the new public entry point for the entire Witte campus.

Brantley Hightower, AIA, is the founder of HiWorks in San Antonio and author of "The Courthouses of Central Texas."



- FIRST FLOOR**
- 1 ATRIUM/GALLERY
 - 2 ELEVATOR
 - 3 MECHANICAL
 - 4 RESTROOM
 - 5 WEST HALL
 - 6 MEMORIAL HALL
 - 7 FOYER
 - 8 ART GALLERY
 - 9 CLASSROOM
 - 10 GALLERY SPACE



- SECOND FLOOR**
- 1 ATRIUM/GALLERY
 - 2 OPEN TO BELOW
 - 3 ELEVATOR
 - 4 MECHANICAL
 - 5 EXIT STAIR
 - 6 HALL
 - 7 EXHIBIT SPACE

Opening image *Sitting on the edge of the San Antonio River, the addition breathes new life into a 90-year-old building.*

Facing *The blue-green color of the window mullions matches those of the original 1938 structure.*

Above *A grand stair case connects the first and second floor galleries in the addition. The ballroom of the original building houses permanent exhibitions that tell the story of South Texas.*





2016
Design
Awards

Gewinner Residence

"THIS IS ONE OF THOSE PLACES THAT IS SO WELL DONE AS AN ORDERED PLAN WITHIN A VERY POWERFUL LANDSCAPE, AND THE ORDER OF THE PLAN COMBINES WITH THE LANDSCAPE IN A WAY THAT MAKES THEM REALLY ONE THING."

– THOMAS HACKER, FAIA

by Aaron Seward

Project Gewinner Residence, Fredericksburg

Client Jim and Kym Gewinner

Architect Energy Architecture

Design Team Jim Gewinner, AIA; Amanda Smith, AIA

Photographers Dror Baldinger, AIA



Jim Gewinner, AIA, cites the land as his first consideration while planning a house for himself and his wife. “It took a year and a half to find the right property with a buildable location and the right view facing in the right direction,” he says. “As you can see, I like glass. And we knew from living in Houston that a north-south orientation was critical, because of the intense low sun on the east-west exposures in the early morning and late afternoon.” When he found the 10-acre plot at the end of a country lane outside of Fredericksburg where their house now stands, he immediately fell in love with it: The sloping terrain falls away from the road and overlooks a wide, picturesque valley.

Before designing and building this house, Gewinner had very limited experience with residential projects. He spent his 40-year career working on highly technical facilities for the oil and gas industry, most recently with Energy Architecture, a company he founded. After purchasing the site, he took a few years to think very carefully about the land and the house he would place there. The result is a synthesis of landscape and architecture that 2016 TxA Design Awards juror Thomas Hacker, FAIA, says possessed “a kind of interesting Kahnian character.”

“The organization of the service spaces as things that serve the big space of the house allows that space to be completely free and engaged with the landscape,” Hacker says. “That contrast, I think, is very much like some of the earlier work of Lou’s that explored that idea very well.”

Gewinner lined the house’s premier, south-facing view up with the axis of the valley it overlooks. “I didn’t want the eye to get caught at

the house,” he says. “I wanted the view to go through, for the house to not get in the way.” While the north-south glass walls keep the view moving through the site, the house is also lifted above the sloping terrain on concrete walls and is accessed by a bridge. This separation from the ground plane also allows air to flow more easily around and under the house, and gives it a sense of lightness, which was important to Gewinner.

There is little to catch the eye, or the wind for that matter, on the interior as well. Gewinner placed all of the service functions — bathrooms, closets, laundry, mechanicals — in a solid, limestone-clad core. A guest room for his daughter extends from the east side of the core, and the living room/kitchen and lofted master suite is on the west side. At just under 2,200 sf, it is modest and open, a way of living the Gewinners grew accustomed to in the studio apartment they shared in Houston.

Gewinner acted as the general contractor on the project, hiring the subs and doing quite a bit of the work himself. He took a similar hands-on approach to the design process. After extensive computer modeling, he built a balsa wood model. Seeing the design in this form led him to make four changes: two related to proportions, and two to the exact location of the garage and the bridge. “It’s interesting,” Gewinner says. “Here in the digital era, we can still learn things from actual physical models that the computer model just can’t touch.”

Aaron Seward is editor of *Texas Architect*.



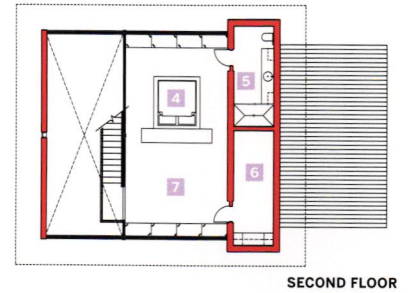
Opening image *The house is sited to align with the view of the valley it overlooks.*

Facing *Glass walls on the north and south faces and a minimal, open-flight stair keeps the view moving through the house.*

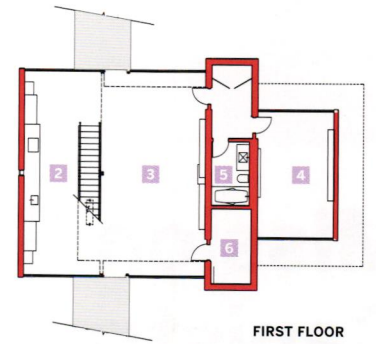
Left *The guest room extends from the opposite side of the solid core.*

Below left *Glass floors at the edges of the loft keep the light and views moving through the space.*

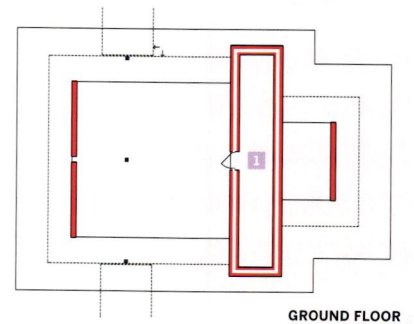
Below right *Gwinner's passion is restoring vintage cars.*



SECOND FLOOR



FIRST FLOOR



GROUND FLOOR



- FLOOR PLANS**
- 1 MECHANICAL
 - 2 KITCHEN
 - 3 LIVING
 - 4 BEDROOM
 - 5 BATHROOM
 - 6 STORAGE
 - 7 OFFICE



2016
Design
Awards

Mission San Juan Capistrano

"THEY REALLY LET THE BUILDING BREATHE, AND AT THE SAME TIME, YOU CAN SEE THE HAND OF THE NEW ARCHITECTS, BUT WITH A LOT OF SILENCE. I THINK THIS IS SOMETHING VERY DIFFICULT TO DO."

— MAURICIO ROCHA

by Margaret Sledge, AIA

Project Mission San Juan Capistrano, San Antonio

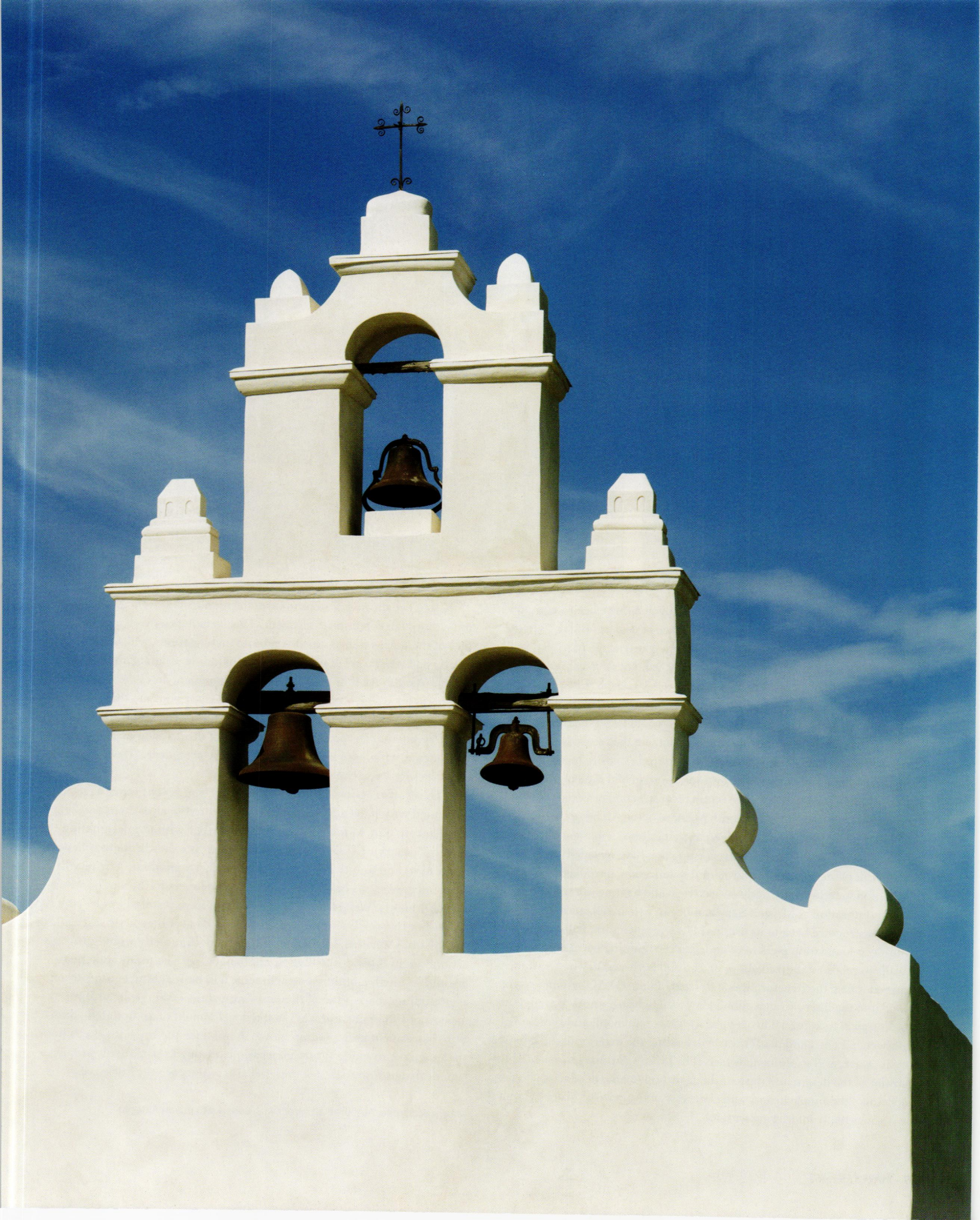
Client Old Spanish Missions

Architect Ford, Powell & Carson

Design Team Carolyn Peterson, FAIA; Rachel Wright, AIA; Anna Nau

Photographer Mark Menjivar





Opening image *Mission San Juan has a bright new face of uncolored plaster.*

This page *The mission has been altered many times throughout its life. The restoration began with a stabilization project.*



For three centuries, the five San Antonio missions have been a constant, standing humbly and stubbornly in the face of neglect. Today, as in the early 18th century when the missions were first constructed, parishioners file into the four southern mission buildings every Sunday. A recent renovation of Mission San Juan Capistrano by Ford, Powell & Carson (FPC) has allowed the modest structure to shine again for parishioners and visitors alike.

It is easy to understand how San Antonians could forget that these structures have been altered many times throughout their lives; with the exception of Mission Concepción, all have endured extensive reconstructions. Early-20th-century photographs show roofs caved in and rows of cars parked right up against the buildings. The recent reconstruction projects were funded by a capital campaign by Old Spanish Missions of the Archdiocese of San Antonio, which raised over \$15 million and established a maintenance endowment. FPC's projects under the current campaign have included exterior and interior plaster restoration, structural stabilization, introduction of new HVAC and sound systems, and new electrical and lighting infrastructure.

The restoration at Mission San Juan began as a stabilization project to bring the structure back to its original 1720s architecture. Almost thirty 28-in-deep foundation piers were added at the building perimeter; sections of walls were also stabilized above grade, and 20th-century buttresses were removed. Once the structure was stabilized, a new HVAC system was integrated into the interior renovation along with lighting, an AV system, and new liturgical furniture. The western wall was repointed, and remaining walls were patched and plaster washed, lending the exterior of the building a clean, stark, and stunning new face. The Design Awards jurors noted the restraint of the design and the artful integration of advanced technologies, respecting “the simple beauty and character of the existing historical building without really interfering with it.”

Before deciding what steps to take, the architects and their consultants did a thorough condition assessment. This included research into the history of the site, as well as on-site material investigations, which attempt to peel back the layers of reconstruction to find the original architecture. Rachel Wright, AIA, of the FPC preservation team, notes the frequent friction between architects and preservationists. She points out that the process of design is the same: research, client, budget, site, and scope are all factors to be considered. For preservationists, most of the decisions are on a more micro scale, with more influence from historic precedent. “If we do a good job,” she says, “you can’t see the intervention.”

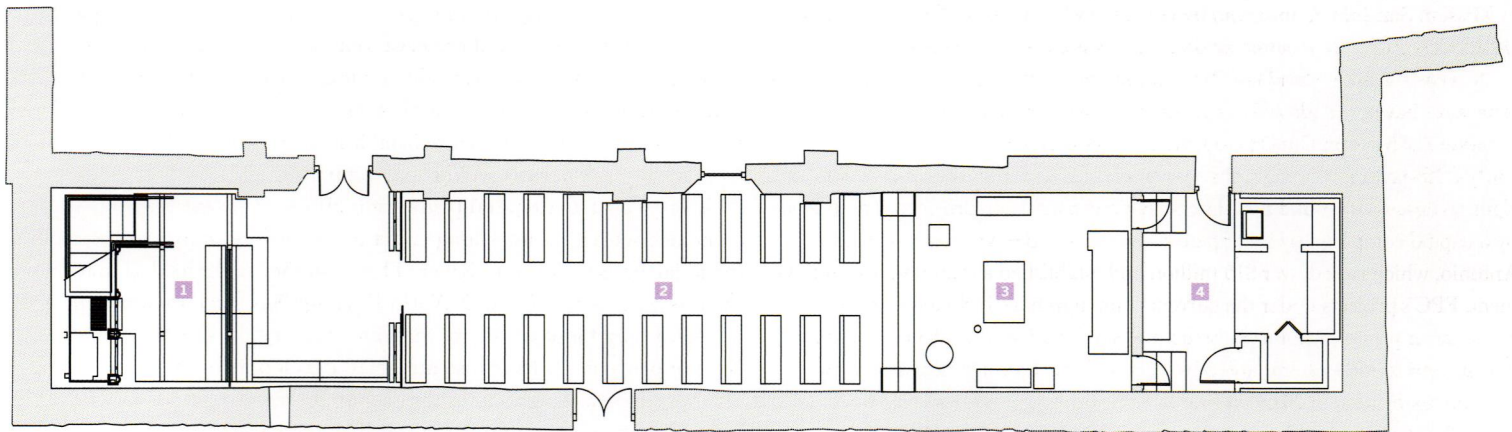
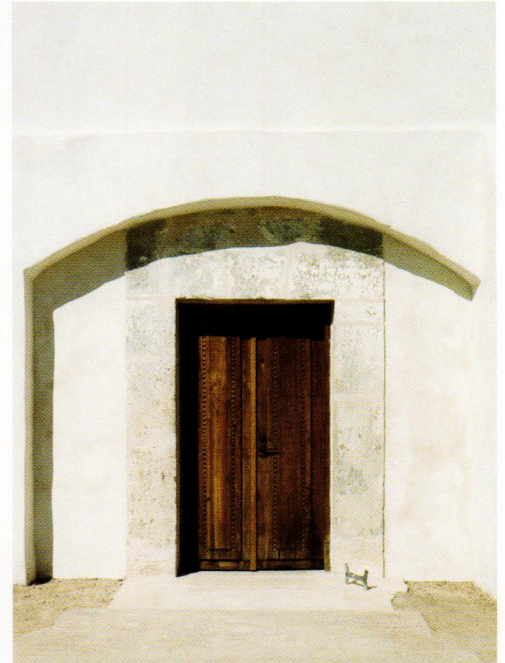
The reconstruction and restoration efforts of recent years have coincided with a decades-long effort to restore the riparian ecosystem of the adjacent San Antonio River. This, together with the designation of the missions as a UNESCO World Heritage Site, has brought renewed interest in, and foot traffic to, the four southern missions. The nearby river improvements have also attracted developers to the surrounding neighborhoods. Wright notes these changes have resulted in growing pains, but the city is supporting sensible and careful growth; after all, the missions were established with the intent that a city would grow up around them. One of the biggest challenges, with so many stakeholders and so much emotional attachment, will be reaching consensus on the buildings’ care. One of the most important — and least visible — aspects of FPC’s current work is the development of an updated conditions assessment and a maintenance manual for the missions. Let’s hope the manual can guide future generations through the difficult preservation decisions that will give these treasures the care they deserve.

Margaret Sledge, AIA, is an architect with Lake|Flato in San Antonio.



Left New HVAC, lighting, and AV systems were carefully integrated into the interior of the building.

Below The restored entry welcomes parishioners to Sunday services, and visitors from around the world to the UNESCO World Heritage Site.



FLOOR PLAN
 1 DEVOTIONAL
 2 NAVE
 3 ALTAR
 4 SACRISTY



2016
Design
Awards

Saint Michael and All Angels Columbarium

"I THINK THIS BUILDING IS REALLY A WORK OF POETRY AS
MUCH AS IT IS ARCHITECTURE."

– THOMAS HACKER, FAIA

by Ron Stelmarski, AIA

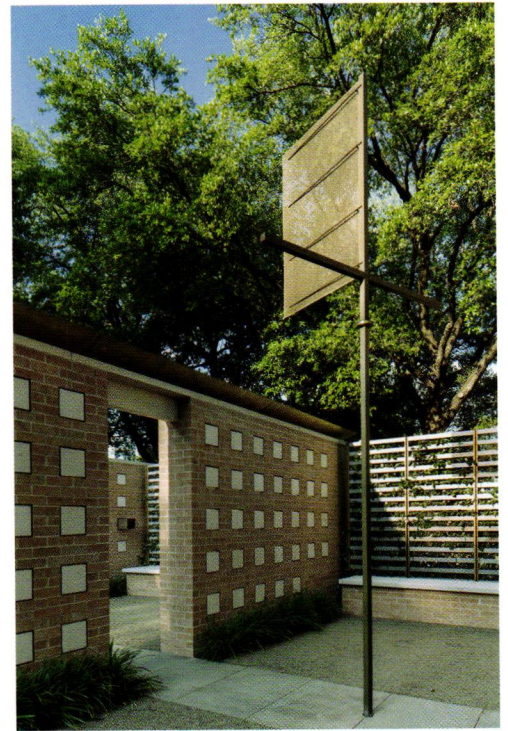
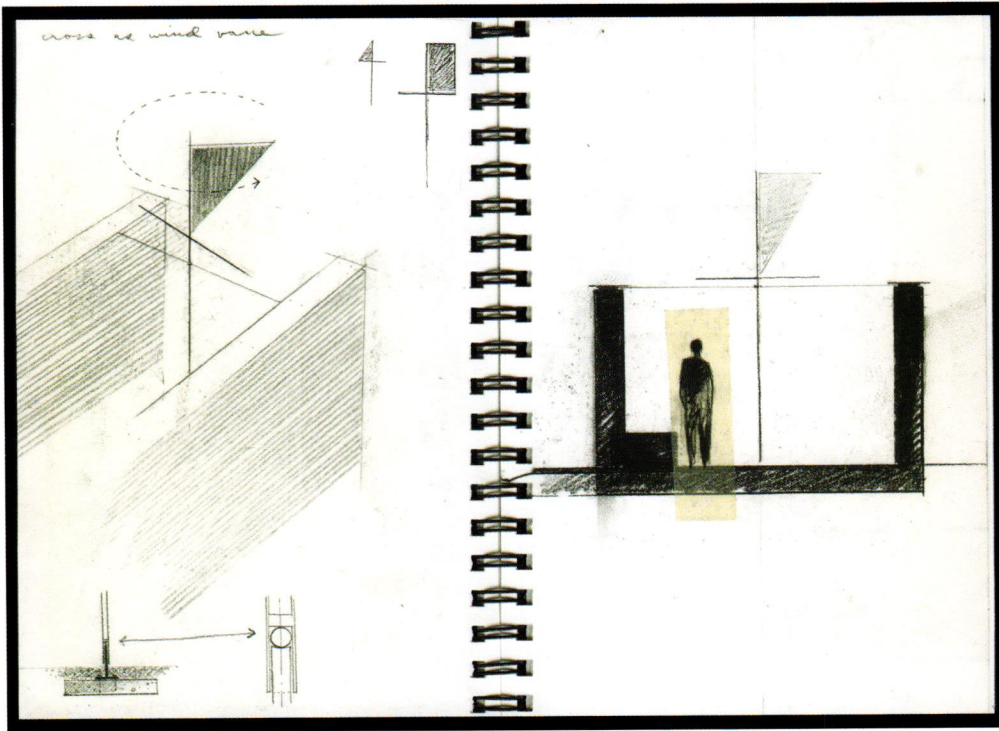
Project Saint Michael and All Angels Columbarium, Dallas

Client Saint Michael and All Angels Episcopal Church

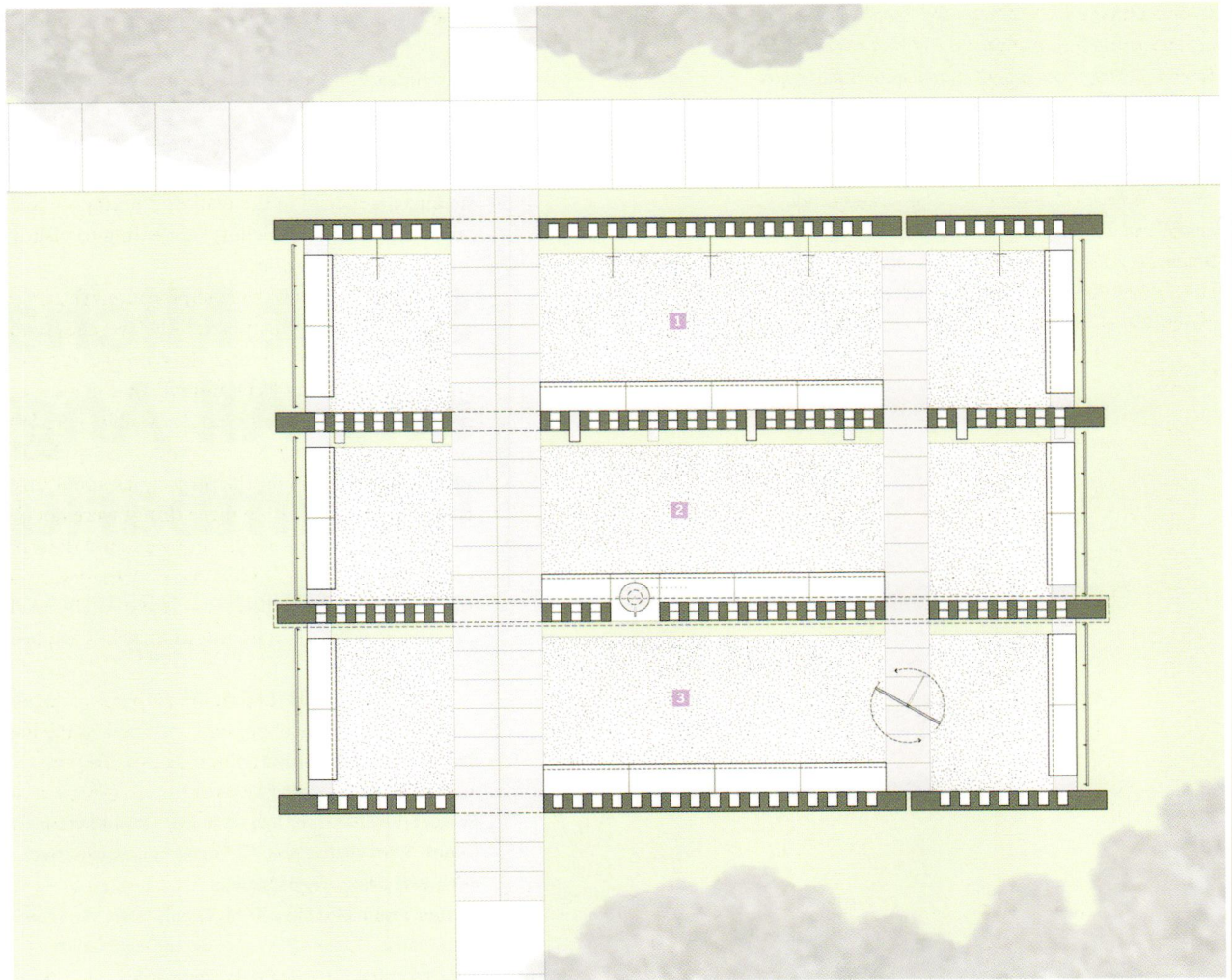
Architect Max Levy Architect

Design Team Max Levy, FAIA; Clint Brister; Matt Fajkus, AIA; Tom Manganiello;
Matt Morris; D'Jelma Perkison; Jason David Smith

Photographer Charles Davis Smith, AIA



- 
SITE PLAN
 1 SKY
 2 RAIN
 3 WIND





Opening image *View of the middle “rain” court, showing the rich integration of natural and built elements. The boxes projecting from the wall contain mirrors that reflect the sky into the adjacent court.*

Facing *Study sketches and final photograph of the “wind” court, whose wind vane makes the invisible visible.*

Above *Niche detail showing delicate relation of craft, nature, and mourning.*

Below *Levy placed surprise moments within the grid of niches where the reflected sky and clouds merge with the rooted walls of the columbarium.*



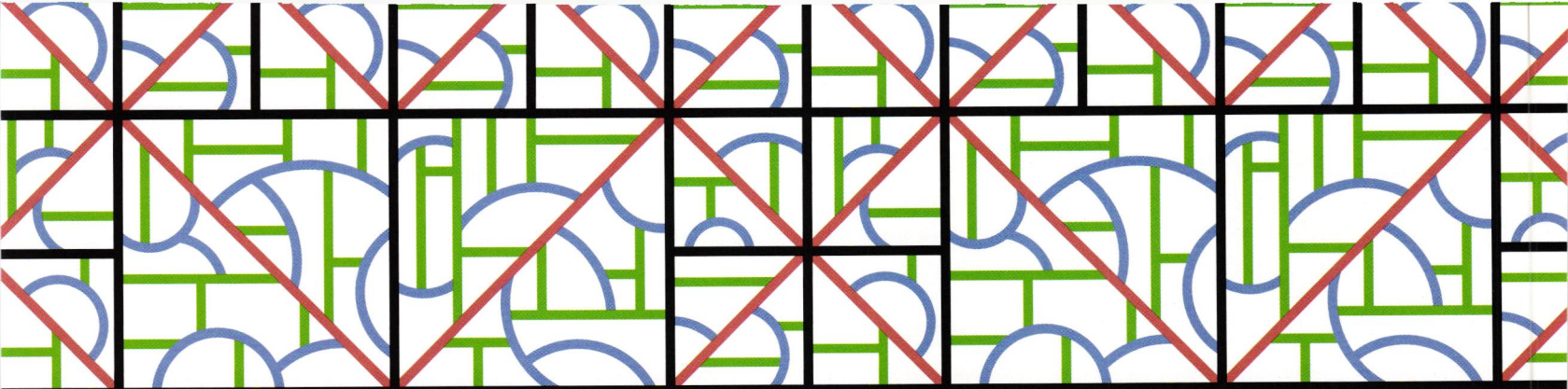
We are all subject to the effects of time — the beauty and the burden. Architecture is held to the same standard: experienced in time, a project deals with seasonal variations, memory, trends, and timelessness. Max Levy Architect’s Saint Michael and All Angels Columbarium takes maximum advantage of the conditions of time with a clear concept, a heightened sense of craft, and artful inventiveness. Tucked away at a quiet intersection next to the church it serves, the columbarium replaces an open lawn with an equally calm, open-air brick structure. Levy explains: “Our site is framed by mature oak trees. These trees also frame a view of the sky above the site, so this was the starting place for the design. It so happens that the animating attributes of the sky — wind, rain, the passage of sun and clouds — carry with them spiritual qualities. A nice coincidence.”

The columbarium design is not an architectural sound bite that calls attention to itself, yet it is anything but dull. The design jury clearly understood the essence of the project. Thomas Hacker, FAIA, founding principal of Thomas Hacker Architects, comments: “There are a few times that I’ve been on juries like this for design awards where a project presents itself in a way that is so simple and so understated but is about something that is so powerful and so important for us as human beings that it sort of rises above the kind of norm in terms of its poetic content.” The columbarium at once creates a reassuring, uplifting place for visitors, with a fundamental consideration of the position of the visitor throughout the experience. For example, benches are integrated throughout and positioned to allow visitors to sit “with” a niche rather than confront it. The moments are “there to be discovered,” says Levy, with details such as mirrors placed in the wall that juxtapose a reflected sky with the solid masonry walls and niches, “appealing to visitors, design peers, and the imagination of a child.”

Walking through the columbarium, it’s clear that Levy has created an ordered whole that masterfully leverages sequence, scale, proportion, and materiality to reinforce the connection between the physical and the spiritual: dual trinities bound together in a series of courts that make the elements of wind, water, and sun visible. Dan Wheeler, FAIA, founding principal of Wheeler Kearns Architects explains that, “in reading the proposal or agenda for the project, it’s about three things: the wind, the rain, and the sky. Those three things were not overdone. They were architectural; they were specific; but we found that that gave meaning for each one of the three tiers of the spaces as they were created.” The harmony of materials completes the design intent — the brick, in particular, referencing the hand-built nature while subtly explaining the structure with intimate details.

Wheeler puts the design in perspective: “My office has had some experience with this type of project, and frankly, the lowest common denominator is just to go and buy a columbarium. You buy a packaged unit. And this was actually an act of architecture to elevate that kind of assignment. So we acknowledge that this was a quiet but important piece to include in the repertoire for this jury.” The project is sure to exceed visitors’ expectations; it’s a piece of design that doesn’t let go and instead continues to unfold, the longer and more closely you look.

Ron Stelmarski, AIA, is the design director for Texas practice at Perkins+Will.



Convergence

77th Annual Convention
and Design Expo

3-5 November 2016

Henry B. Gonzalez Convention Center
San Antonio

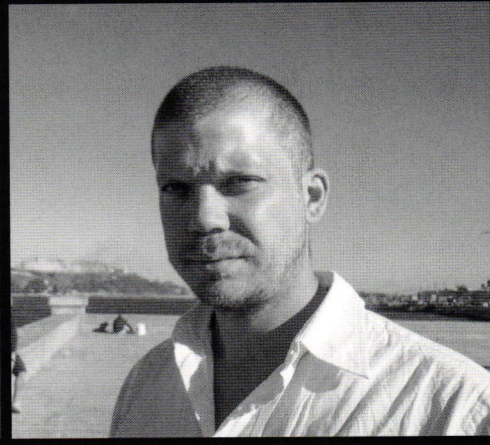
KEYNOTERS



Debbie Millman
"Design Matters"
Podcast Host



**Marion Weiss, FAIA, and
Michael Manfredi, FAIA**
Weiss/Manfredi



Eric J. Cesal, Assoc. AIA
Post-Disaster Expert

REGISTRATION NOW OPEN
Tours Selling Out

ONLINE REGISTRATION ENDS OCT. 28
convention.texasarchitectsonline.org

**Texas
Society of
Architects**



Dillon Kyle, AIA, at home in Houston.

Middle Landscape

Dillon Kyle has been quietly practicing architecture in Houston for 20 years. He handles traditional and modern design languages with equal facility and has built a body of work that defies easy classification.

by Aaron Seward

“I used to play Nerf football on this street with the other neighborhood kids,” says Dillon Kyle, AIA. “Now you never see children playing outside around here.”

We were driving through River Oaks in Kyle’s white F-150, on our way to tour a house he designed that was under construction. There didn’t appear to be much that had changed about Houston’s toniest neighborhood since his youth, at least nothing that might explain the absence of Nerf-football-playing kids. The stately, sober houses, designed in a variety of traditional styles from the East Coast and Europe, still form a charming backdrop to the well manicured lawns and gardens. Though some of the houses are newer, they resemble their venerable neighbors in materials and composition. The few modern homes, many of which have been replaced by still more modern moderns, still recede quietly, respectfully, behind sylvan shrouds. The sinuous black boughs of the live oaks still reach out to each other across the street, forming an intricate trellis over the roadway that blocks the fury of the high, summer sun, letting only a gentle, dappled light fall through to the ground.

“I do love the landscape here in Texas,” Kyle says. “I’m drawn to it. I don’t love the beach or the ocean. I don’t love the mountains. There’s something about this middle landscape, this normal, average Texas landscape, that I find particularly beautiful.”

As comfortable in these surroundings as he may be, Kyle left Texas to go to college. He started

This page *The new office of Dillon Kyle Architecture is currently under construction on West Alabama Street in Houston.*

Facing *The Seward Residence (top) is located on a farm in Brenham. The offices of Houston law firm Buck Keenan (below) show Kyle branching out into commercial work.*



to study medicine at Princeton, admitted that the sight of blood made him woozy, and switched his major to architecture. After earning a bachelor's degree there, he went to Harvard for his M. Arch. He practiced architecture in New York and the San Francisco Bay area before heeding the call felt by many expat Texans and returning to his home state in 1995. While his wife engaged a clerkship in Dallas, Kyle lived in a mobile home on his family ranch outside of Brenham, where he started his practice. His first project was a house for his cousin. It was never built, but word got around among family and friends, and before long he got another job designing a house, and then another, and then another. A year later he moved the practice to his hometown.

Delving into the residential market in Houston, Kyle came face to face with a factor he had not previously considered: clients with traditional tastes. "I had preconceptions of what it meant to be a student who had gone to Princeton and Harvard. I thought there was a certain look to the work I would do — Capital A architecture," he says. "But as the practice developed, all sorts of work came in, some traditional, some remodels; I didn't have control. I could say, 'well, I'm not going to do work that doesn't fit this preconception,' or I could yield to it and grow a practice in the midst of the clients and projects that are available."

The latter is just what Kyle chose. Today, his firm, Dillon Kyle Architecture, which just

celebrated its 20th anniversary, employs 23 people. The bulk of the studio's work continues to be residential — traditional and modern, as well as intriguing amalgams of the two. "I have always been fascinated by taking polarized ideas, like free plan vs. traditional plan, and melding them and seeing how you don't just accept one or the other. You let there be a hybrid, a different kind of space."

The house that Kyle designed for himself, his partner Sam, and their three dogs (he and his wife parted ways years ago) is just such a hybrid. Located in Houston's Shadow Lawn historic district, among homes designed by William Ward Watkin, Harrie T. Lindeberg, and John Staub, it is clad in St. Joe Brick and topped



by pitched roofs. The interior, however, has a definitively modern sense of flow, composed of small, connected rooms of slightly varying elevations that are held together by a continuous ceiling plane.

The firm is also taking on more commercial projects, including its own office, which is now under construction on West Alabama Street, next door to the Brave Architecture-designed Sicardi Gallery and across from the Menil campus. Orthogonal and flat-roofed, the steel structure has a narrow two-story podium and a large open-plan third floor that cantilevers out over the parking lot.

Up to this point, Kyle has remained, for the most part, under the radar, conducting his

business on a word-of-mouth basis and not seeking promotional opportunities with much avidity (a carport he designed for the Meredith Long Gallery won a TxA Design Award in 2009 and was mentioned favorably by Alexandra Lange in a 2013 piece she wrote for “Design Observer” called “Patterns of Houston”). This project, however, will serve as a coming-out party for his firm, and Kyle is taking full advantage of the prominent location. The first two stories of the building will be clad in glass through which will be displayed the architect’s materials library — a transparent, welcoming gesture that was inspired by the Menil’s open-door policy. The studio itself, of course, is up on the third floor in the tree canopy, also an inspiration for the

building and a metaphor that Kyle returns to again and again.

“Trees are the things that make Houston exquisite,” he says. “Trees are kind of like porches, the thing along the street where people get together. The language of trees feels accessible to me.”

After a moment’s consideration, he revises a statement he made earlier about Texas’ middle landscape: “Houston is not a place of inherent natural wonder and beauty. Most of the beautiful oak trees we see here were planted; there isn’t a beautiful forest that we’re destroying. It’s a place where an architect can improve the landscape.”

Aaron Seward is editor of *Texas Architect*.



AVAddek

Walkway Cover Systems & Canopies

*balancing **functional** sunshade protection
with **unsurpassed details** and **craftmanship***

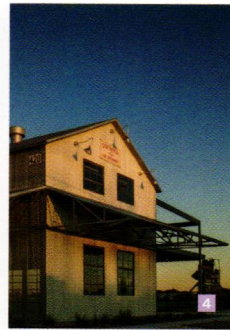
*custom designed canopies and trellis structures for any location
contact us today to start the design process*

www.avadek.com

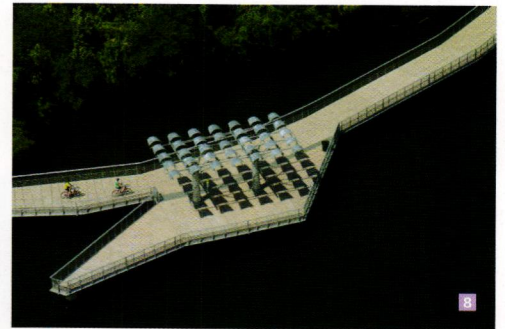
1.800.777.4031

AIA Austin Design Awards

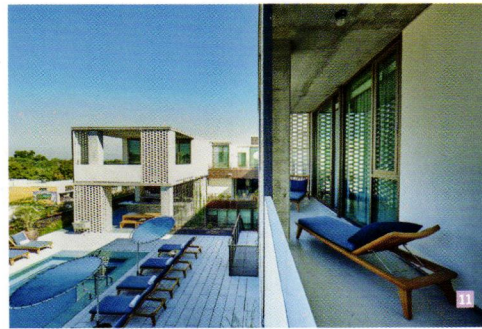
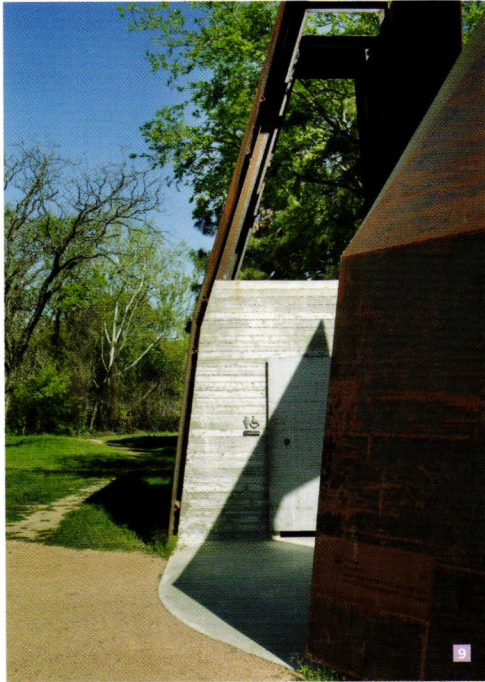
The Austin chapter of the American Institute of Architects announced its 2016 Design Award winners at an award celebration held at Saengerrunde Hall on May 12. Jurors Carol Ross Barney, FAIA, Nonya Grenader, FAIA, Linda Taalman, and Angela Watson, AIA, were in town in April for the award deliberations and a panel discussion at Google Fiber Space moderated by David Heymann, FAIA.



- 1 E6 Restaurant**
A Parallel Architecture
- 2 South 3rd Street Residence**
Alterstudio Architecture
- 3 Cuernavaca Residence**
Alterstudio Architecture
- 4 The Cotton Gin at the CO-OP District**
Antenora Architects
- 5 Nutrabolt**
The Beck Group with Standard Architects
- 6 Hillmont Studio**
FAB Architecture
- 7 Las Casitas**
Jobe Corral Architects
- 8 Boardwalk on Lady Bird Lake**
Limbacher & Godfrey Architects



Recognition



9 Lady Bird Loo
Mell Lawrence Architects

10 Canopy
Michael Hsu Office of Architecture

11 South Congress Hotel
Michael Hsu Office of Architecture with Dick Clark + Associates and Studio MAI

12 Juniper
Sanders Architecture

13 The University of Texas Rio Grande Valley Academic Performing Arts Complex
Page

14 The University of Texas at San Antonio North Paseo Building
Page

15 Hillside
Tim Cuppett Architects



CREEK SHOW

IT'S
ALIVE

AUSTIN,
TEXAS



10 NIGHTS

5 LIGHT
INSTALLATIONS

NOVEMBER

10 > 19

AT SUNDOWN

OPENING NIGHT NOV. 10

FREE & OPEN TO ALL

CREEKSHOW.COM

INSTALLATIONS BY

ANIMALIS
Dharmesh Patel, Associate AIA
Autumn Ewalt, Artist

EAST SIDE COLLECTIVE
Tim Derrington, AIA
Wilson Hanks, Associate AIA

JULES BUCK JONES
Jules Buck Jones, Artist

OTA+
Kory Bieg, AIA

WEST SHOP | COOK SHOP
Alisa West, Landscape Designer
Travis Cook, Designer

Hosted by **Waller Creek Conservancy**—a 501(c)(3) non-profit and community partner to the City of Austin in the revitalization of an extraordinary district of parks around a restored Waller Creek. wallercreek.org creekshow.com

Convergence

**77th Annual Convention
and Design Expo**
3-5 November 2016
Henry B. Gonzalez Convention Center
San Antonio

convention.texasarchitectsonline.org

2016 DESIGN EXPO HOURS

Thurs., November 3 4:30 – 7:00 PM

Fri., November 4 11:00 AM – 5:30 PM

Each year, the TxA Design Expo features exhibitors from across the country and around the world showcasing the latest and greatest products and services in the industry! Our 2016 Design Expo will open with the Convention Welcome Party and a Fiesta in the center of the hall, and will feature numerous exciting displays and events throughout the show. Check out our convention website for a full list of offerings!

2016 DESIGN EXPO PREVIEW

S Indicates Sponsor

EXHIBITOR LISTING AS OF AUGUST 10, 2016

2M Lighting Design

Booth 459

4602 Perrin Creek, San Antonio, TX 78217

210 599 9498

www.2mlightingdesign.com

2M Lighting Design is a lighting design consultant working with design professionals, and owners to develop the best design using state of the art lighting and controls. We bring your architecture to life with lighting. Specialties include: lighting control, photometric studies, light trespass, daylight harvesting, energy efficiency and code compliance.

A. Bargas & Associates

Booth 317

P.O. Box 792056, San Antonio, TX 78279

210 344 2821

www.abargasco.com

A. Bargas & Associates specializes in supplying Texas

schools with Classroom & Technology Furniture, Library Furnishings & Caseworks, Auditorium & Stadium Seating, Science Laboratory Caseworks, and Mobile Cafeteria Tables. Please contact us for more information or if you need the name of our sales representative in your area.

Abatron

Booth 655

5501 95th Ave., Kenosha, WI 53144

262 653 2000

www.abatron.com

ABATRON manufactures high-performance restoration products for repairing wood, concrete, metal and more. These products have been specified for over 30 years for use on thousands of historic properties and landmarks. They offer cost-effective, long lasting repairs and preserve original building materials, effectively extending the life of historic buildings.

Accurate Street Stamping

Booth 455

2411 Patterson Industrial Dr., Ste. B,

Pflugerville, TX 78660

512 244 7000

www.weraccurate.com

Asphalt meets beauty. Using TrafficScapes preformed thermoplastic to stamp asphalt, Accurate Street Stamping can create a long lasting and visually stimulating crosswalk. You can also catch the eye of visitors or enhance community pride by adding a custom logo to your parking lot or city streets.

S Acme Brick Company

Booths 421 and 521

3024 Acme Brick Plaza, Fort Worth, TX 76109

800 792 1234

www.brick.com

For more than 100 years, Acme Brick Company has

been meeting the green building needs of Texas architects with earth-friendly, hard-fired clay brick in an exciting variety of colors, textures, and blends. Acme Brick Company is a Berkshire Hathaway company.

Alamo Stone Company

Booth 836

13020 S. Kirkwood Rd., Stafford, TX 77477

281 240 4600

www.alamostone.com

Premier natural stone supplier & fabricator in the state of Texas. 650+ selections of natural building stone, natural thin veneer, stone flooring, & architectural stone.

Alcoa Architectural Products

Booth 823

50 Industrial Blvd., Eastman, GA 31023

972 473 2074

www.reynobond.com

Discover our stylish and functional architectural cladding solutions with innovative finish options for your next project. Our cladding alternatives are ideal for use on high, mid and low-rise buildings such as mixed-used, office, multifamily and retail project applications, for both new construction and retrofit projects.

ALPOLIC Materials-Mitsubishi

Plastics Composites America

Booth 505

401 Volvo Pkwy., Chesapeake, VA 23320

800 422 7270

www.alpolic-americas.com

ALPOLIC/Mitsubishi Plastics Composites America is the innovator of aluminum composite materials, setting the standard for quality, pre-finished aluminum bonded to a strong, lightweight, thermoplastic fire-retardant or polyethylene core. Our selection of colors and finishes is unmatched, and we have the strongest panel warranty in the industry. Let's build!

Alucobond

Booth 327

3480 Taylorsville Hwy., Statesville, NC 28625

704 838 7040

www.alucobond.usa

ALUCOBOND® brings a superior metal panel image known for its lightweight qualities, rainbow of consistent color options, and ability to form textures or curves. When you need a flat, high-tech metal panel image, ALUCOBOND® allows you the ease of mind that you have chosen the proven leader.

Alucoil North America

Booth 813

1976 Joe Rogers Jr. Blvd., Manning, SC 29102

803 460 0240

www.alucoil.com

Larson by Alucoil® Aluminum Composite Panels: continuous process manufactured in the USA with over 100 million square feet installed worldwide. Polyethylene and Fire Resistant cores, 29 standard Kynar® Finishes, natural metals, perforated, stucco embossed, small quantities of custom colors.

American Gypsum Company

Booth 509

3811 Turtle Creek Blvd. #1200, Dallas, TX 75219

214 530 5607

www.americangypsum.com

American Gypsum is a premier manufacturer of quality gypsum wallboard, including our M-Glass® Glass Mat exterior sheathing and shaft liner products, and our family of M-Bloc® Mold & Moisture Resistant paper-faced gypsum wallboard panels.

American Olean Tile

Booth 309

7834 C.F. Hawn Fwy., Dallas, TX 75217

888 268 8453

www.americanolean.com

For nearly a century, American Olean's tile and stone expertise, combined with our extensive distribution network, has provided solutions for architects, designers, homeowners and builders alike. Count on American Olean to help create beautiful spaces with our comprehensive portfolio of porcelain, ceramic, stone, and glass tile products.

Andersen Windows & Doors

Recharge Zone

100 Fourth Ave. N., Bayport, MN 55003

651 264 5150

www.andersenwindows.com

Imagine it. We have it. With Andersen® products, you have the freedom to create the exact design you have in mind. Each product offering takes its own approach to make your dream a reality. Our company has been committed for over 110 years to quality, energy-efficiency, and service. Andersen and nothing less.

Applied Software

Booth 328

2801 Buford Hwy., Druid Chase, Ste. 100,

Atlanta GA 30329

404 564 1847

www.asti.com

A technology systems integrator for the AEC industries, Applied Software is an Autodesk Platinum Partner. Applied Software provides strategies and solutions to assist architecture, engineering, and construction companies in optimizing their business process and workflow. Applied Software has been serving its clients since 1982.

ARC Document Solutions

Booth 211

6300 Gullfton, Houston, TX 77081

713 988 9200

www.e-arc.com

ARC Document Solutions leverages its experience and technology to help companies reduce the cost involved in storing, managing, collaborating, distributing, and printing documents, drawings, and graphics of all types and sizes. Let ARC consult with you on how to improve your file storage, retrieval, and print processes.

Arcadia Opening Louvered Roofs

Booth 829

154 Ethan Allen Dr., Cummins, GA 30533

800 303 5248

arcadiaroofs.com

Innovators of the modern-day louvered roof! The Arcadia roof system utilizes rotating louvers to allow sun when wanted, shade when needed. When closed, the Arcadia is water tight. The iLouver smartphone controller allows the unit to track the sun and close automatically when rain falls.

Architectural Engineered Products

Booth 845

3524 Foot Hills Dr., Weatherford, TX 76087

817 341 6678

www.myproductrep.com

Architectural Engineered Products are professional and independent manufacturers' representatives for comprehensive services to design and construction professionals, specialized on exterior and interior design solutions. Our high-quality architectural components and products are durable, maintenance-free, green, and recyclable. They integrate cutting-edge technologies, innovative ideas, and progressive designs.

Archovations/CavClear

Booth 609

701 Second St., Hudson, WI 54016

715 381 5773

www.cavclear.com

CavClear® total-wall air space control system is the premier and complete solution that eliminates mortar bridging and drop to manage moisture. Installed throughout the full height of the masonry, CavClear ensures a continuous, mortar-free area for drainage and ventilation, thereby providing reliable protection against moisture-related failures in masonry walls.

ARMKO Industries**Booth 329**

1320 Spinks Rd., Flower Mound, TX 75028
972 874 1388
www.armko.com

Armko Industries is a 31-year-old engineering and architecture firm that provides roofing consulting and waterproofing for the building envelope. We are qualified to take a project from the initial roofing and building envelope analysis to budgeting and bid package, and provide quality assurance during construction.

ASSA ABLOY Door Security Solutions**Booth 856**

110 Sargent Dr., New Haven, CT 06511
800 377 3948
www.assaabloydss.com

ASSA ABLOY, global leader in door opening solutions, is dedicated to satisfying end-user needs for security, safety and convenience. Our product innovations span a full spectrum of security technologies ranging from conventional mechanical locks and high-security master key systems, to advanced IP-enabled locking devices built on open-architecture platforms. Visit: www.assaabloydss.com.

Atlas Interior Products**Booth 121**

27809 Decker Prairie-Rosehill Rd., Magnolia, TX 77355
281 356 5777
www.atlasinteriorproducts.com

Atlas Interior Products provides innovative commercial interior solutions from across the globe. We offer acoustic and specialty ceilings, wall paneling, demountable walls, and access floor products. Atlas aims to work with architects and owners to meet all their needs.

Axiom Solar

Booth 736

1005 Placid Ave., Ste. 100, Plano, TX 75074
972 633 8680
www.axiumsolar.com

Axiom Solar is a premier Texas specialty electrical contractor that designs and installs solar photovoltaic systems. We support architects by assisting with education, design and specification. We are solar energy experts.

BAi**Booth 737**

4006 Speedway, Austin, TX 78751
512 476 3464
www.baiaustin.com

BAi, an Austin-based firm founded in 1935, provides consulting services in architectural acoustics, audio, and audio video system design. Projects include

theaters, arenas and stadiums, as well as academic, corporate, music and religious facilities. Recent experience includes the Henry B. Gonzales Convention Center Expansion/Renovation and the ABIA Terminal Expansion/Renovation.

Barrier One**Booth 755**

821 W. Wilshire, Oklahoma City, OK 73116
405 463 0505
barrierone.com

Barrier One is a Moisture Vapor Reduction Additive (MVRA) for concrete that completely eliminates moisture vapor related flooring failures. Barrier One is also a certified Shrink Reduction Admixture (SRA) and a Alkali Silica Reaction (ASR) inhibitor. Barrier One provides a Life of the Concrete warranty against Moisture Vapor Flooring Failures.

Bautex Systems**Booth 517**

5602 Central Texas Dr., San Marcos, TX 78666
512 637 1200
www.bautexsystems.com

Bautex Systems manufactures Bautex Block, a lightweight, stay-in-place insulated concrete block, giving architects and builders a higher-performing, stronger, and simpler-to-install wall system. The Bautex Block Wall System provides many benefits in a single, integrated assembly, including energy-efficiency, four-hour fire rating, hurricane and tornado protection, and sound reduction.

Bell Structural Solutions**Booth 149**

1508 Chretien Point Dr., Mansfield, TX 76063
214 605 3673
www.bellstructural.com

Supplier of high-quality, custom straight, arched, or curved glued laminated beam (GLB) products, as well as GLB/timber trusses, including dimensional T&G decking and beam-to-beam connections, for all your commercial, industrial, agricultural, and residential applications. Bell Structural is an over 100-year-old, family-owned business.

Berridge Manufacturing Co**Booth 603**

6515 Fratt Rd., San Antonio, TX 78218
210 650 3050
www.berridge.com

Berridge's "Total Program" integrates all phases of architectural metal roofing and cladding systems, including factory-made products, portable roll formers, and PVDF painted coil, as well as warranty, technical, and marketing support. Berridge offers the industry's

widest selection of factory-produced standing seam panels, tiles, shingles, siding, soffit, and other prefinished architectural metal products.

BGR Specialties**Booth 604**

P.O. Box 121394, Fort Worth, TX 76121
817 763 5831
www.bgrspecialties.com

BGR Specialties represents the finest in fenestration manufacturers, such as Manko Window Systems, HOPES Windows, and DV Fyre-Tec Fire-Rated Windows. Manko manufactures aluminum windows, entrances, storefronts, curtain walls along with custom glass and aluminum products. In addition, Manko offers digital in-glass printing and Suntuitive Self-Tinting Glass.

Biorev**Booth 232**

400 E. Royal Lane, Ste. 200, Irving, TX 75039
770 572 1828
www.biorev.us

Biorev is an International 3D Rendering and Business Consulting Company successfully involved in domains of Architectural Rendering, IT Solutions, and Outsourcing services. Biorev possess the expertise in 3D Rendering, 3D Floor Plans, 3D Virtual Tours, Animation, Architecture Drafting Service, MEP Drawing/Shop Drawing, and R2V/CAD CONVERSION/Sketches TO CAD.

Blackson Brick Company**Booth 335**

1202 Dragon St., Ste. 101, Dallas, TX 75207
214 855 5051
www.blacksonbrick.com

Blackson Brick Company represents more than 25 brick, stone, and related commercial masonry manufactures. Our collection of thousands of options provides you an inspiring palette in both full-bed and thin-set variations. For smart selection, quality, and responsive, knowledgeable service across the Southwest, architects Build Better with Blackson Brick.

Cavallini Co. Stained Glass Studio, The**Booth 503**

3410 Fredericksburg Rd., San Antonio, TX 78201
210 733 8161
www.cavallinistudios.com

The Cavallini Co. Stained Glass Studio, founded in 1953, specializes in leaded, faceted, and etched glass, as well as protective glazing, mosaic murals, and historic restorations. We offer complete design services, fabrication, and installation performed by Cavallini employees — assuring our clients the highest level of quality.

Centria

Booth 918

1005 Beaver Grade Rd., Moon Township, PA 15108

www.centria.com

CENTRIA Architectural Systems is recognized as the leader in exterior metal wall cladding systems. CENTRIA provides solutions to successfully meet the challenges of today's commercial construction industry. In addition to an impressive array of form, color, and integrated components, we also offer the industry's most advanced thermal and moisture protection technology.

Cleary Zimmermann Engineers

Booth 249

1344 S. Flores, Ste. 101, San Antonio, TX 78204

210 447 6100

www.clearyzimmermann.com

Cleary Zimmermann Engineers is a consulting engineering firm specializing in mechanical, electrical, and plumbing (MEP) building systems with five service divisions: MEP Design, Commissioning, Building Analytics, IT/Security, and Water/Wastewater. Our projects include federal and municipal government facilities, hospitals, laboratories, and academic institutions of diverse form and function.

Concept Surfaces

Booth 231

2414 Converse, Dallas, TX 75207

972 386 4900

www.conceptsurfaces.com

Concept Surfaces, is an exclusive supplier of high-quality, hard-surface materials. For over a decade, they have been providing designers and architects an unparalleled selection of porcelain tiles, glass mosaics, and hardwoods.

Conference Technologies

Booth 303

12701 Executive Dr., Ste. 614, Stafford, TX 77477

713 524 1956

www.conferencetech.com

Since we began in 1988, our goal has been to provide custom, superior technology services. These include design, engineering, training, and support for professional audio, video, visual, and control systems. Our model has also evolved to develop IP network design, video conferencing, web casting, collaborative systems, and unified communications as technology continues to advance.

Conley Group

Booth 157

5500 E. Campus Circle Dr. #250, Irving, TX 75063

972 444 9020

www.conleygroup.com

Conley Group is proudly celebrating our 29th year of operations providing architectural and engineering consulting services across the globe. What makes Conley Group unique is our unparalleled expertise in building envelope as well as our robust set of multi-disciplined capabilities serving a variety of clients, both public and private.

Construction Specialties - R.E. Thompson

Booth 454

6696 Route 405, Muncy, PA 17756

800 233 8493

www.rethompsonco.com

Construction Specialties manufactures sustainable, yet innovative architectural products for new and renovation construction. Including louvers, grilles, sun controls, Acrovyn wall protection, entrance flooring, expansion joints, cubicle curtains and tracks and architectural doors. "We create products that make buildings better".

CPI Daylighting

Booth 627

28662 N. Ballard Dr., Lake Forest, IL 60045

847 816 1060

www.cpidaylighting.com

CPI Daylighting is the innovator of Quadwall®. Quadwall is an assembly of two independent, translucent insulated panels, resulting in one integrated, high-performance daylighting system. Quadwall is the only system that provides indefinite building envelope protection with its removable exterior glazing feature. Joined by a mechanically interlocking connection, Quadwall doesn't require vulnerable adhesives.

Cy Young Industries

Booth 553

711 E. 14th Ave., North Kansas City, MO 64116

800 729 2610

www.cyyoungseating.com

Cy Young Industries is an O.E.M for components of fixed seating, new seating, and replacement parts for many brands of auditorium and stadium seating. New or renovated chairs, onsite or factory renovation of existing chairs, replacement foams, covers, cup holders. Buy direct from the manufacturer and save \$\$\$

Daltile/Marazzi/Mohawk

Booth 151

1119 Arion Pkwy., San Antonio, TX 78216

210 324 9327

www.daltile.com

Daltile, Marazzi and Mohawk offer extensive tile, carpet, vinyl, stone and Quartz options, sure to satisfy a variety of aesthetics without comprising on budget. The architectural support team and online tools are here to

simplify the specifications process and save you time. Stop by, or give us a call today!

DaVinci Fireplace

Booth 254

12521 Harbour Research Dr., Mukilteo, WA 98275

800 654 1177

www.davincifireplace.com

DaVinci Custom Fireplaces offer the architect or designer a fireplace in eight configurations up to 21 feet long with glass heights of 12", 20", 30", 36", or 58". The safe touch glass design is ideal for commercial or residential applications. Features include LED lighting, modular sections, and vertical or horizontal venting.

DaVinci Roofscapes

Booth 846

13890 W. 101st St., Lenexa, KS 66215

913 599 0766

www.davinciroofscapes.com

DaVinci Roofscapes develops and manufactures industry-leading polymer slate and shake roofing systems with an authentic look and superior performance. DaVinci leads the industry in greatest selection of colors, tile thickness and tile width variety. The company's reliable products have a limited lifetime warranty and are 100 percent recyclable. www.davinciroofscapes.com.

Dawson Van Orden

Booth 426

1250 Wood Branch Park Dr., Ste. 210, Houston, TX 77079

281 293 7500

www.dvoeng.com

Dawson Van Orden is an industry-leading design and engineering firm providing a broad range of services, including consulting management, engineering, planning, and construction administration. The firm was founded in 1974 as an MEP engineering firm, but has since expanded to provide MEP, Civil, and Structural Engineering services.

DEA Specialties

Booths 735 and 731

5151 Castroville Rd., San Antonio, TX 78227

210 523 1073

www.deaspecialties.com

Specialties Subcontractor headquartered in San Antonio serving Divisions 5, 8, 9, 10, 11, and 12. Specifying operable walls, glass walls, accordion doors, translucent daylighting systems, fire and smoke curtains, tubular daylighting devices, and hand railings for architects in Central, South, and West Texas. Texas HUB, 8M, Austin WOBE, SCTRCA, and DBE/SBE/WBE certified.

DEACERO**Booth 754**

Ave. Lazaro Cardenas 2333, Garza Garcia, NL 66269
800 332 2376

www.designmasterfence.com

Designmaster Fence is a group of welded wire fencing systems for different fencing applications such as residential, commercial or industrial. The Designmaster Fence product line has five different fence designs: Classic, Milan, Florence, Contempo and Forte.

Dex-O-Tex by Crossfield Products Corp.**Booth 738**

3000 E. Harcourt St., Rancho Dominguez, CA 90221
310 886 9100

www.dexotex.com

Scientifically Superior™ and performance proven, Dex-O-Tex floor, wall, and waterproofing systems are made for demanding environments that require long-term protection, durability, cleanliness, and aesthetics. Systems/products include: Decorative and Terrazzo Products – Epoxy Products – Overhead, Patching, and Underlayment Systems – Urethane Products – Wall Coatings – Waterproof/Decking Products

The Dow Chemical Company**Booth 811**

1501 Larkin Center Dr., Midland, TX 48674
989 423 9501

www.dow.com

Dow Building Solutions offers high-performing commercial building solutions that maximize air, moisture, and energy management within the building envelope. Our portfolio of sustainable solutions – backed by more than 60 years of building science expertise – helps increase the energy-efficiency and long-term performance of commercial buildings.

Dunham Engineering**Booth 728**

12815 FM 2154, Ste. 150, College Station, TX 77845
979 690 6555

www.dunhamengineering.com

Dunham Engineering is your structural and storage tank inspection, engineering, and rehabilitation experts. We provide specialty engineering services via innovative methods, all built on rock solid service. We are passionate about delivering excellence and value on every project, and pride ourselves on being able to provide inspection, design, and RESULTS!

DuPont Tyvek**Booth 826**

P.O. Box 543154, Dallas, TX 75354
800 288 9835

www.weatherizationpartners.com

DuPont Building Envelope systems help make commercial buildings more durable, comfortable, and energy-efficient. Whether it's a skyscraper or a school, the building envelope is an essential line of defense against air, water, and wasted energy. DuPont offers solutions that meet or exceed codes, help extend building life, and help reduce fuel consumption.

Eco-Pan**Booth 635**

1037 4th Ave. N., Kent, WA 98032
888 326 7264

www.eco-pan.com

ECO-PAN LEED compliant, CONCRETE WASHOUT SERVICE designed to contain concrete washout from Ready-Mix trucks and Concrete Pumps. This helps contractors comply with the SWPPPs. Washout containers allow for portability and ease of handling and our response times help contractors comply with jobsite BMPs. All materials are taken to be recycled.

EDI Building Consultants**Booth 556**

3444 Katy Fwy., Ste. 200, Houston, TX 77007
713 772 6300

www.edibc.com

EDI Building Consultants provides engineering and construction services to clients nationwide. Our engineering services include design, peer review, investigation, remediation and forensic support for new and existing structures. Our construction services include construction management, project management, construction monitoring, and utility coordination.

Element Architectural Products**Booth 127**

14700 Marsh Lane #1025, Addison, TX 75001
469 518 5860

www.elementpanels.com

Texas-based Element Architectural Products is an architecturally-oriented supplier of high quality exterior panel products. We're presenting SwissPearl (premier composite cement panel) and Millenium Forms (stainless steel panel and shingle systems). Each of our commercial grade exterior panel systems provide superior performance in our Texas climate.

Enercept SIPs**Booth 252**

3100 9th Ave. SE, Watertown, SD 57201
605 882 2222

www.enercept.com

Enercept Structural Insulated Panels (SIPs) a high-performance building system for all types of construction. Made with a solid foam insulating core laminated

between two oriented strand board (OSB) skins. Resulting in an energy efficient, cost-effective structure that is 2 1/2 times stronger than stick-built construction.

EPIC Metals**Booth 608**

540 Sand Bend Dr., Kerrville, TX 78028
830 895 1599

www.epicmetals.com

EPIC Metals is the architectural choice for structural roof and floor deck ceiling systems. Our product lines address various appearance options, uncluttered long spans up to 55 feet, interior acoustical control, and green building features. Toris®, Wideck®, Archdeck®, and Envista® offer architectural features to enhance any project.

Extron Electronics**Booth 226**

1025 E. Ball Rd., Anaheim, CA 92805
714 491 1500 x6305

www.extron.com

Extron Electronics is the leading manufacturer of classroom audio and video solutions for the K-12 market, including PoleVault® Digital Classroom AV Systems, Voicelift® Microphone Systems, and GlobalViewer® software for network-based AV resource management and campus communications.

FantoniUSA/Messana Radiant Cooling**Booth 458**

225 Crossroads Blvd. #325, Carmel, CA 93923
773 575 1138

fantoniusa.com; radiantcooling.com

FantoniUSA and Messana Radiant Cooling bring both acoustic and thermal technology into the built environment with leading edge products: Climacoustic, a radiant wood panel for ceilings and walls with acoustic and thermal properties, and Messana RayMagic: a radiant cooling and heating drywall ceiling system. We now have a combined 50+ commissioned installations in the U.S.A.

Flex Trim/Carter Millwork**Booth 353**

4264 Old Linwood Rd., Lexington, NC 27299
800 861 0734

www.flextrim.com

Flex Trim by Carter Millwork is the worldwide leader in the manufacture of flexible polyurethane moulding. Our product is the ideal solution when your design requires radius moulding applications. Our product replicates the grains and beauty of real wood for a fraction of the cost of real wood.

Foundations Children's Products**Booth 208**

5216 Portside Dr., Medina, OH 44256

330 722 5033

www.foundations.com

Foundations® changing stations are frequently specified by architects. We offer the best overall value and the widest product selection to accommodate every budget and design objective.

FunderMax North America**Booth 228**

2015 Ayrslay Town Blvd., Ste. 202, Charlotte, NC 27273

980 299 0035

www.fundermax.at/en

FUNDERMAX is a global leader in Compact laminate products for exterior drained and back ventilated rain screen facade cladding. FUNDERMAX offers a broad selection of colors as well as Individualdecor providing high resolution digital imaging on interior and exterior grade panels.

Gardner Glass Products – Dreamwalls**Booth 1014**

301 Elkin Hwy., North Wilkesboro, NC 28659

800 334 7267

www.gardnerglass.com

Dreamwalls Glass by Gardner Glass Products provides the highest quality back-painted glass products for wall cladding, glass markerboards, tabletops and more. We have 55 years of experience in glass fabrication to provide large sizes, unlimited colors, and all the other design possibilities that ensure we can make your glass dreams come true.

The Garland Company**Booth 258**

3800 E. 91st St., Cleveland, OH 44105

800 321 9336

www.garlandco.com

The Garland Company is a worldwide leader in quality, high-performance roofing and building envelope solutions for the commercial, industrial and institutional markets. For over 100 years, Garland has continually developed unique product and service offerings that have raised the bar of performance while exceeding the individual needs of customers throughout the world.

Gate Precast Company**Booth 546**

3201 Veterans Dr., Pearland, TX 77588

281 485 3273

www.gateprecast.com

With eight plants, Gate Precast is one of the nation's largest producers of architectural and structural precast concrete, featuring sustainable and innovative solutions.

Gate designs, manufactures, delivers, and installs precast concrete systems throughout Texas and the eastern half of the U.S.

Georgia-Pacific Gypsum**Booth 457**

133 Peachtree St. NE, Atlanta, GA 30303

800 225 6119

www.gpgypsum.com

The DensElement® Barrier System is a new, all-in-one, water-resistive and air barrier (WRB-AB) system solution that completely eliminates an additional WRB over the face of the sheathing in commercial construction. DensDeck® Prime Roof Board can mitigate the risk from fire, foot traffic, and hail damage, helping to add lifespan to any commercial roofing system.

S GRAPHISOFT**Booth 650**

60 Hickory Dr., Fl. 1, Waltham, MA 02451

617 485 4200

www.graphisoft.com

GRAPHISOFT® ignited the BIM revolution in 1984 with ARCHICAD®, the industry first BIM software for architects. GRAPHISOFT continues to lead the industry with solutions such as BIMcloud®, the first real-time BIM collaboration environment, EcoDesigner™, the first fully BIM-integrated "GREEN" design solution and BIMx®, the leading mobile app for BIM visualization.

greenscreen®**Booth 658**

1743 S. La Cienga, Los Angeles, CA 90035

800 450 3494

www.greenscreen.com

greenscreen® is a three-dimensional modular trellis system providing you with endless combinations for creating green facades, freestanding elements, shapes, and fencing. greenscreen® can transform space or define it: act as a wall, change a facade, or create an environment.

Griesenbeck AP**Booth 729**

5122 Steadmont Dr., Houston, TX 77040

713 781 3287

www.griesenbeck.com

Griesenbeck Architectural Products exclusively furnishes and installs the following: Solatube International TDDs (daylight solution targeting interior spaces); Kal-wall (insulated, translucent fiberglass system designed for optimal thermal performance and daylight for walls, canopies, and skylights); Smoke Guard (fire/smoke separation utilizing fabrics); and McKeon (fire/smoke separation using numerous steel and fabric solutions).

Guido Lumber/Guido Materials**Booths 637, 639**

8526 Vidor Ave., San Antonio, TX 78216

210 344 8321

www.guidolumber.com

Guido & Companies has been "Building Visions" since 1927, including The DoSeum: SA Children's Museum, Shops at Rivercenter, and HemisFair '68. Guido Materials is a full-service retail lumber yard specializing in providing custom windows, doors, lumber, and millwork. Guido Construction produces sophisticated, high-quality designs, solving the unique challenges associated with construction projects.

HAAS Home Technologies**Booth 155**

500 W. 5th St., Ste. 750, Austin, TX 78701

210 665 3450

www.haasht.com

Home system design and integration

Hacker Industries**Booth 753**

1600 Newport Center Dr., Newport Beach, CA 92660

949 729 3101

www.hackerindustries.com

Hacker Industries supplies seven sound-rated, fire-resistant cementitious floor underlayment products and sound control mats unrivaled in quality and consistency. With over two billion square feet installed nationwide, our Firm-Fill® gypsum concrete floor underlayments and SCM resilient sound control mats are the solution for multifamily, age qualified, hospitality, or commercial applications.

Hager Companies**Booth 229**

139 Victor St., St. Louis, MO 63104

314 772 4400

www.hagerco.com

Since 1849, Hager Companies' focus has been innovative products resulting in the only U.S.-based provider offering a full line of door hardware. Along with our quality products and outstanding customer service, Hager provides complimentary Architectural Hardware Consulting services and numerous AIA/CES registered continuing education courses.

Halford Busby**Booth 824**

17350 TX-249, Houston, TX 77064

281 920 1100

www.halfordbusby.com

Construction cost estimating and scheduling. \$19 Billion in construction projects. Within 2% accuracy rate.

Hawa Group Americas**Booth 322**

1825 Market Center Blvd., Ste. 345, Dallas, TX 75207
214 760 9054

www.hawa.com

For over 50 years, Hawa has been manufacturing sliding hardware systems that represent the epitome of Swiss quality and engineering. Hawa features sliding hardware systems for doors, walls, furniture and exterior shutters that slide, fold, pivot and stack and are designed for use with wood, glass, and metal doors and walls.

S Headwaters Concrete Products**Booths 702 and 704**

7620 Washington Ave., Houston, TX 77007

713 393 3400

www.headwaterscm.com

Redefining Concrete Masonry — Headwaters Concrete Products is a major manufacturer of concrete masonry that consistently redefines the industry standard for quality, performance, color, and dimension. We produce a wide range of Architectural Concrete Masonry Units, polished and textured, architectural veneers, oversize units, and foundation products.

Henderson Engineers**Booth 600**

3535 Briarpark Dr., Ste. 200, Houston, TX 77042

713 783 7707

www.hei-eng.com

We are a comprehensive engineering firm offering core mechanical, electrical, and plumbing design, as well as fire protection, architectural lighting, technology, commissioning, and sustainable consulting services. With 12 offices nationwide, we are able to provide exceptional client service on a vast array of projects.

Hill & Wilkinson General Construction**Booth 756**

2703 Telecom Pkwy., Ste. 120, Richardson, TX 75082

214 299 4300

www.hill-wilkinson.com

Hill & Wilkinson, with offices in Richardson and Austin Texas, offers a full range of general contracting services under a variety of contractual arrangements including construction manager, general contractor, design-build or design-assist. Additional services include pre-construction, process driven design and construction, millwright (equipment installation), LEED® management commissioning and special projects.

Hill Country Doors**Booth 843**

1711 Cullen Ave., Austin, TX 78757

512 977 7200

www.hillcountrydoors.com

Hill Country Doors specializes in custom, handcrafted wooden garage doors ranging in style from traditional to contemporary. Our authentic, all wood doors are artistically designed and rigorously constructed. We also provide modern glass and premium steel doors from reputable distributors to fit all types of architectural styles.

Hollaender Manufacturing**Booth 745**

10285 Wayne Ave., Cincinnati, OH 45215

513 772 8800

www.hollaender.com

Hollaender's architectural railing systems are a key design element in the building industry. Architects, builders, and owners are designing and building cost-effective and easy-to-install architectural railing systems by utilizing our Speed-Rail® and Interna-Rail® mechanical aluminum fitting systems, with a variety of infill panels optional.

Hoover Treated Wood Products**Booth 227**

154 Wire Rd., Thomson, GA 30824

706 595 7355

www.frtw.com

Hoover Treated Wood Products has been in business since 1955 supplying a comprehensive portfolio of pressure-impregnated kiln-dried lumber and plywood products for fire retardant and preservative applications. Hoover has six company-owned treating facilities, conveniently located to service a 120 plus member stocking distributor network which thoroughly covers the USA and Canada.

Icynene**Booth 350**

6749 Campobello Rd., Mississauga, ON L5N 2L7

CANADA

905 363 4040

www.icynene.com

Icynene helps architects bring their energy efficient designs to life with its portfolio of high-performance spray foam insulation solutions. Icynene spray foam insulates and air seal for improved air quality, thermal comfort, reduced heating/cooling costs while contributing to LEED points making it the best choice for architects seeking a smarter insulation alternative.

IE; Blinds**Booth 1008**

14750 State Hwy. 64, Ben Wheeler, TX 75754

903 833 1052

www.ieblinds.com

IE; Blinds is a sealed integral blind assembly for interior

and exterior viewing privacy. All IE; Blinds are customizable for most openings and design demands: STC, UL Fire Rated, Laser Protection, Lead, Lexan, etc., with the traditional made to accommodate industry standard, one inch glazing systems in a variety of frame materials.

Innovative Dehumidifier Systems**Booth 900**

6260 Ocean Hwy. W., Ocean Isle Beach, NC 28469

910 579 3348

www.humidityhappens.com

The IW25 In-Wall Dehumidifier (2014 AIA National Expo Award Winner) was engineered principally for multifamily applications to overcome the effects of increased energy codes, tighter construction and occupant driven internal moisture generation. Unique tenant lock-out features allow property managers to control moisture and prevent mold growth in apartments.

Innovative Lighting**Booth 222**

2324 Hinton Dr., Irving, TX 75061

972 721 1177

www.innovative-lighting.com

Innovative Lighting manufactures Direct View LED exterior fixtures (Omni Hotel & Bank of America – Dallas; 3011 Bowie – Austin), Custom Linear LED light fixtures (cove –under counter, indirect), and Custom Dimmable LED Drivers 120v – DMX, 0–10 volt. All products are UL Certified. Made in TEXAS, USA. Lutron OEM Dealer.

Insight Lighting**Booth 607**

4341 Fulcrum Way NE, Rio Rancho, NM 87144

505 345 0888

www.insightlighting.com

Insight Lighting products are manufactured and assembled in the US. One of the most recognized LED Lighting manufacturer brands in commercial and high performance lighting, Insight creates the highest quality most innovative products in the lighting industry today. Insight's commitment to delivering products and services exceeds customer expectation in performance, schedule and value.

International Cellulose Corporation**Booth 612**

12315 Robbin Blvd., Houston, TX 77045

713 433 6701

www.spray-on.com

International Cellulose is the manufacturer of Spray-Applied Cellulosic Thermal and Acoustical Finishes. K-13 has been a trusted solution to noise and insulation issues for over 60 years and is proudly manufactured in Houston. K-13, SonaSpray "fc" and Ure-K are UL Classified. Additionally, K-13 and Ure-K are Factory Mutual approved.

International Code Council**Booth 219**

500 New Jersey Ave. NW, 6th Fl., Washington, DC 20001
888 422 7233

www.iccsafe.org

The International Code Council is a member-focused association dedicated to helping the building safety community and construction industry provide safe, sustainable and affordable construction through the development of codes and standards used in the design, build and compliance process. Most U.S. communities and many global markets choose the International Codes.

Intertek**Booth 842**

545 E. Algonquin Rd., Arlington Heights, IL 60005
978 635 8569

www.intertek.com/building

Fully accredited; Intertek offers laboratory and field services for the building project space including safety, sustainability, energy efficiency, fire, curtain wall, materials, air/water/structural, and performance testing. From code compliance research reports, field evaluations, our ETL and Warnock Hersey Marks, Intertek is a partner in making the world a safer place.

Jensen Hughes**Booth 821**

1701 N. Collins Blvd., Ste. 235, Richardson, TX 75080
972 234 1617

www.jensenhughes.com

JENSEN HUGHES is a global leader in specialty engineering and consulting services for the built environment. We are a company of engineers, consultants, and scientists focused on evaluating risks and diligently developing the best, most cost effective protection and safety solutions.

Jockimo**Booth 759**

21 Argonaut, Ste. B, Aliso Viejo, CA 92656
949 251 0075

www.jockimoinc.com

Jockimo specializes in advanced architectural products for designers and architects. They offer unique, exciting products including glass flooring & stair treads, antique mirrors, thick glass counter tops, and much more. All of their products are manufactured according to the highest standards, ensuring that they are not beautiful, durable, and safe.

Johnson Architectural Systems**Booth 109**

4674 Olin Dr., Dallas, TX 75244
4695719423

www.johnsonarchitectural.com

Johnson Architectural Systems is a leading distributor of architectural products. We have partnered with some of the world's most reputable manufacturers of specialty design doors, fire and smoke protective doors, high volume fans, and loading dock equipment. We have full in-house service and installation to support our entire product line-up.

Jordan & Skala Engineers**Booth 117**

4275 Shackelford Dr., Ste. 200, Norcross, GA 30093
770 447 5547

www.jordanskala.com

Jordan & Skala Engineers is an industry-leading engineering firm specializing in mechanical, electrical, and plumbing engineering design, as well as sustainability, communications, security, and audio/visual systems for high-performance buildings. Jordan & Skala has seven offices nationwide and has been ranked by Consulting-Specifying Engineer trade publication as a top "MEP Giant" consecutively since 2004.

Keene Building Products**Booth 513**

5885 Landerbrook Dr., Mayfield Heights, OH 44124
440 605 1020

www.keenebuilding.com

Keene Building Products is the premier innovator and manufacturer of 3-dimensional filament products. Our noise products are designed for construction projects such as multifamily apartments and condominiums to stop impact and airborne noise, while our building envelope products can be utilized in wall, masonry, roofing, and foundation applications to eliminate moisture issues.

Kelly Moore Paint Co.**Booth 652**

301 W. Hurst Blvd., Hurst, TX 76053
817 804 3345

www.kellymoore.com

Kelly Moore Paint manufactures, distributes, and supports a full line of Premium Professional and Production Architectural Paints, in addition to Industrial Coatings and Specialty Paints that conform to MPI standards. You will find these paints and coatings on the most prestigious residential, commercial, institutional, and industrial projects.

Key Resin Company**Booth 838**

4050 Clough Woods Dr., Batavia, OH 45103
513 943 4225

www.keyresin.com

Since 1993, Key Resin Company has provided a wide

range of durable, applicator-friendly solutions for unique applications throughout the world. Key Resin Company developed flooring and coating solutions based on various specifications such as chemical resistance, impact & wear resistance, thermal shock resistance, ESD/conductivity, slip-resistance, moisture vapor tolerance, and appearance.

Koni Materials**Booth 103**

1160 Arion Pkwy., Ste 101, San Antonio, TX 78216
210 319 4350

www.konimaterials.com

Koni Materials provides premium quality construction materials throughout the U.S. With a variety of man-made and natural stone products, we support our dealers and customers in achieving the extraordinary. Whether involved in a home renovation or a major construction project, Koni serves your inspiration through excellence, quality and respect.

L.A. Fuess Partners**Booth 452**

3333 Lee Pkwy., Ste. 300, Dallas, TX 75219
214 871 7010

www.lafp.com

Providing innovation, experience, and service in structural engineering for Texas architects since 1979. Lead structural engineer for Toyota, Love Field Modernization Program, State Farm Dallas, Cedar Ridge High School, Watermark Church, Museum Tower, Dallas City Performance Hall, Nebraska Furniture Mart, and the Botanical Research Institute of Texas.

Lamboo Technologies**Booth 819**

510 E. Adams St., Springfield, TX 62701
866 966 2999

www.lamboo.us

Lamboo Technologies is the world leading bio-based materials company specializing in performance grade, engineered bamboo for structural, architectural, and OEM applications. Lamboo products achieve unmatched performance, aesthetics, durability, uniformity, strength and sustainability through the integration of meticulously studied and selected bamboo species. For more information about Lamboo products, go to www.lamboo.us.

Landscape Forms**Booth 700**

7800 E. Michigan Ave., Kalamazoo, MI 49048
269 337 1307

www.landscapeforms.com

Landscape Forms is the industry leader in integrated solutions of high-design site furniture and advanced

LED lighting. For more than 45 years we have produced site furnishings that help designers and clients achieve beautiful, functional environments that enhance the experience of outdoor space. Our secret is Design, Culture, and Craft.

LP Building Products

Booth 751

414 Union St., Ste. 2000, Nashville, TN 37219
615 986 5600

www.lpcorp.com/flameblock

LP FlameBlock Fire-Rated Sheathing is a code-compliant panel with a fire-resistant Pyrotite® treatment that consists of a layer of fiberglass-reinforced magnesium oxide cement. LP FlameBlock provides burn-through resistance, Class A Flame Spread rating, as well as Exposure 1 rating allowing the panels to withstand normal construction delays.

Lucifer Lighting Company

Booth 403

3750 IH 35 N., San Antonio, TX 78219
210 227 7329

www.luciferlighting.com

Lucifer Lighting is a Texas-based premier manufacturer of precision engineered architectural interior and exterior lighting, including downlights, cylinders, track and spots, light strips, path, step, and pucks.

M&S Engineering

Booth 316

6477 FM 311, Spring Branch, TX 78070
830 228 5446

www.msengr.com

M&S Engineering is a full-service engineering firm with a mission to provide civil, electrical, MEP, structural engineering services at the greatest value. Our 140+ person firm is the realization of a dream of two lifelong friends, whose vision was to build a firm that provides "people-friendly" service and quality work.

M2 Studio

Booth 310

918 Dragon St., Dallas, TX 75207
214 752 7279

www.m2studio.net

M2 Studio is a Dallas based Architectural Visualization Firm offering the architectural industry computer rendering and animation services. Currently, we are providing new augmented and virtual reality services as well. We will do everything we can to help you find the best visualization solution for every project.

Malarkey Roofing Products

Booth 902

3131 N. Columbia Blvd., Portland, OR 97217
503 283 1191

www.malarkeyroofing.com

Malarkey Roofing Products is a Portland, Oregon based roofing manufacturer that provides performance-driven residential, commercial, and sustainable roofing solutions with unparalleled service and integrity. Since 1956, Malarkey Roofing Products has consistently valued innovation and is motivated to provide products that are committed to sustainability through long-term solutions, creating value for customers and business partners.

Marvin Windows and Doors

Booth 617

P.O. Box 100, Warroad, MN 56763
877 879 7906

www.marvin.com

Marvin Windows and Doors offers made-to-order handcrafted wood and wood-clad products. Integrity Windows and Doors pioneered the fiberglass window category with the introduction of its patented Ultrex® fiberglass material. The brands are distributed nationally through a network of independent dealers and are also exported internationally. Learn more at Marvin.com.

McCarthy Building Companies

Booth 726

12001 N. Central Expy. #400, Dallas, TX 75243
972 991 5500

www.mccarthy.com

McCarthy is a 100% employee-owned company specializing in building projects that improve people's lives, including: healthcare, education, commercial, and more. For more than 150 years, McCarthy has been America's choice for succeeding with the nation's toughest construction challenges.

Metro-Repro

Booth 510

8906 Chancellor Row, Dallas, TX 75247
972 484 9292

www.metrorepro.com

Metro-Repro provides large format printers/plotters, scanners, and MFP systems from Océ, Canon, and HP to architects and engineers throughout Texas and the surrounding states. Our award-winning, factory-trained technicians service everything we sell to ensure minimal downtime. We carry paper, toner, and inks for all brands of large format printers at very competitive prices.

Midland Manufacturing Company

Booth 221

4800 Esco Dr., Fort Worth, TX 76140
817 478 4848

www.midland-midco.com

MARCOZA architectural castings are used for plaques, name plates, historical markers, architectural letters, memorials, and ornamental restorations. Cast in architectural bronze or aircraft quality aluminum, photographically generated crests, logos, and other images, including custom crafted 3D personal likenesses in a bronze bas relief, are created with impeccable detail from digital files.

Milgard Windows & Doors

Booths 801, 803, and 805

705 E. Wildlife Pkwy. #105, Grand Prairie, TX 75050
817 525 2601

www.milgard.com

Milgard Windows & Doors, a Masco company, offers a full line of vinyl, wood, fiberglass, and aluminum windows and patio doors and has recently opened a manufacturing facility in Grand Prairie, Texas. The company is known for its top quality products and outstanding customer service, backed by the Milgard Full Lifetime Warranty including parts and labor.

Minick Materials

Booth 330

326 N. Council Rd., Oklahoma City, OK 73127
405 834 8280

www.minickmaterials.com

Minick Materials is a regional supplier of building stone, manmade stone, and thin stone. Our specialty is sandstone from the Oklahoma/Arkansas formations, including building stone, landscape stone, and retaining wall stone.

Mitsubishi Electric US – Cooling and Heating

Booth 747

14521 Old Katy Rd., Ste. 100, Houston, TX 77079
832 460 7951

www.mehvac.com

Mitsubishi Electric Cooling and Heating is the leading global manufacturer and pioneer of Variable Refrigerant Flow (VRF) cooling and heating equipment and controls in North America. Mitsubishi Electric Cooling and Heating provides cooling and heating products that yield precise temperature control and zoning for commercial and residential buildings.

MLAW Engineers

Booth 717

2804 Longhorn Blvd., Austin, TX 78758
512 835 7000

www.mlaw-eng.com

MLAW Engineers have fifty years of experience with foundation designs. Over 400,000 completed projects nationwide. MLA Labs performs soils collection, investigation and analysis. MLAW Engineers provides energy code compliance & audits, HERS rating & field testing, framing design, inspections, wind bracing design, project consulting & forensics / expert witness.

Morrison-Shipley Engineers

Booth 706

13601 Preston Rd., Ste. W770, Dallas, TX 75240
214 932 3141

morrisonshipley.com

Laser scanning is a commonly used method of building documentation providing fast and accurate measurements of all building elements in their true spatial relationship. Laser scanning captures a million points of measurement per second producing a collection of 3D points representing the actual structure in true proportion and high fidelity.

Natural Gas Utilities of Texas

Booth 320

5420 LBJ Fwy., Ste. 1820, Dallas, TX 75240
214 549 7149

www.atmosenergy.com

Natural Gas Utilities of Texas represents three natural gas utility distribution companies (Atmos Energy, CenterPoint Energy, and Texas Gas Utilities) providing natural gas service to residential, commercial, and industrial customers.

NCARB

Booth 602

1801 K St. NW, Ste. 700-K, Washington, DC 20006
202 783 6500

www.ncarb.org

The National Council of Architectural Registration Boards (NCARB) develops and recommends the standards for becoming licensed and practicing architecture. The organization is best known for the Intern Development Program (IDP), a comprehensive training program for aspiring architects, and the Architect Registration Examination, an assessment tool required for licensure.

Newbold Stone

Booth 912

139 E. St Elmo Rd., Ste. 103, Austin, TX 78745
512 810 0801

www.origamicrete.com

Series of very unique, sculptural wall tile, manufactured in Texas and cast using concrete. Designs based on the ancient art of Origami.

Nichiha USA

Booth 830

6465 E. Johns Crossing, Ste. 250,
Johns Creek, GA 30097
770 805 9466

www.nichiha.com

Explore the power of possibilities with Nichiha's fiber cement architectural wall panels. Our ever-expanding offering of textures, finishes and profiles lifts buildings of all kinds to new and unexpected places. With a sophisticated hidden fasteners system and a meticulously engineered drained and back ventilated rainscreen, we deliver the performance and look you desire.

Novidesa

Booth 1015

1777 NE 410 Loop, Ste. 600, San Antonio, TX 78217
956 239 1320

www.novidesa.com.mx

We specialize in the development of sustainable and energy-efficient solutions in rooftops and walls to achieve the best cost-benefit results.

O'Hagin

Booth 659

210 Classic Court, Rohnert Park, CA 94928
707 823 4762

www.ohagin.com

O'Hagin produces attic vents for real or composite tile, slate, shake, and shingle roofs providing superior ventilation blending with the surrounding roofing material. O'Hagin vents are available with patent-pending flame, ember, wind-driven rain and snow resistant features. Also available: a vent for dry-in applications offering 144 sq. in. NFVA.

Office Furniture Interiors

Booth 610

1901 Shipman Dr., San Antonio, TX 78219
210 444 1376

www.officefurnitureinteriors.com

Turn-key solutions and services. Innovative design and professional collaboration. Commitment to the highest level of customer care. Since 1999, this is how Office Furniture Interiors has served the commercial, healthcare, municipal, educational, and government marketplace. From our San Antonio headquarters, we proudly serve our clients from South and Central Texas, to locations nationwide.

Oldcastle Texas

Booth 447

2561 SW Grapevine Pkwy. #200, Grapevine, TX 76051
844 576 1364

www.oldcastleapg.com

Oldcastle Architectural Products Group is a subsidiary

of CRH Industries. Oldcastle/Jewell Concrete Products and Trenwyth Industries manufacture high-quality architectural masonry products across the U.S. Manufactured materials consist of Architectural Block and Gray Block, Oldcastle Segmental Retaining Walls Systems, an innovative wall system called Enduramax, and Insultech. Belgard, our paver and horizontal application group, is also nationwide.

Oval Brand Fire Products

Booth 656

115 W. Lake Dr., Ste. 300, Glendale Heights, IL 60139
630 635 5000

ovalfireproducts.com

Innovating Unparalleled Fire Protection Products - Oval Brand Fire Products is a manufacturer of slender pressure vessels, valves and related products. We offer unparalleled accessibility, aesthetics and added functionality, all while providing the highest level of durability and safety.

Owens Corning

Booth 800

1 Owens Corning Pkwy., Toledo, OH 43659
419 248 6863

www.ocbuildingspec.com

Owens Corning is a leading global producer of commercial and residential building materials and systems, including fiberglass, mineral wool and extruded polystyrene insulation. A Fortune 500 company for over 60 consecutive years, Owens Corning is committed to driving sustainability by delivering solutions, transforming markets, and enhancing lives.

Pacific MDF Products

Booth 555

135 Louis Hurley Rd., El Dorado, AR 71730
901 568 0424

pactrim.com

Pac Trim® leads the industry for primed MDF moulding and millwork. GREEN since its inception, Pac Trim is SCS certified for pre-consumer, recycled wood fiber. Pac Trim is proudly made in the U.S.A.: a reliable, domestic supplier. It is affordable, easy to install and is complemented by our miterless accessory system PacFit®.

Panel Specialists

Booth 217

3115 Range Rd., Temple, TX 76504
254 774 9800

www.panelspec.com

Manufacturer and installer of pre-finished modular wall panel systems offering design flexibility, performance, and value.

Parasoleil**Booth 256**

6510 W. 91st Ave. Ste.100, Westminster, CO 80031
303 589 4524

www.parasoleil.com

Parasoleil has developed a unique line of architectural metal panels to filter and sculpt light that are engineered to withstand the elements, and are profoundly artistic. They can be used to create overhead shade, interior or exterior screens, railing inserts, and decorative cladding that enhances a project's architectural language.

Parex USA**Booth 916**

4125 E. La Palma Ave. #250, Anaheim, CA 92807
714 778 2266

www.parexusa.com

With over 175 years of combined industry experience, Parex USA's leading brands support the building industry through developing innovative products and providing only the highest standards of service in the EIFS, stucco, and tile setting industries. Parex USA's brands include Parex, TEIFS, LaHabra, and Merkrete.

Peerless Marketing**Booth 645**

13645 Beta Rd., Dallas, TX 75244
214 340 6400

www.peerlessmarketing.com

Peerless Marketing Group represents a number of manufacturers, specializing in Division 8 and Division 10 construction products. Peerless offers unmatched architectural solutions with an assortment of products like commercial washroom accessories and toilet partitions, high-end and custom door handles and doorstops, and double impact traffic doors.

PGT Industries**Booth 758**

1070 Technology Dr., North Venice, FL 34275
800 282 6019

www.pgtindustries.com

PGT has a 30-year history of superior vision, outstanding quality, and innovative products, and is the nation's leading manufacturer in residential impact-resistant windows and doors. Our products, whether new construction or replacement, aluminum or vinyl frames, and impact or non-impact, complement the design integrity of America's best homes.

Philips Lighting and ERT Lighting**Booth 744**

106 W Turbo Dr San Antonio TX, 78216

www.usa.lighting.philips.com

Philips Lighting is a global leader in lighting products,

systems and services. Our understanding of how lighting positively affects people coupled with our deep technological know-how enable us to deliver digital lighting innovations that unlock new business value, deliver rich user experiences, and help to improve lives. Serving professional and consumer markets, we sell more energy-efficient LED lighting than any other company and lead the industry in connected lighting systems and services.

Piedmont Pipe**Booth 159**

7907 Commerce Dr., Denver, NC 28037
704 489 0911

www.piedmontpipe.com

Piedmont Pipe is the largest manufacturer of commercial stainless steel downspout connections. All Piedmont downspout connectors are manufactured with modern construction methods and materials. Our standard models are constructed in 304 stainless steel, computer-designed, and robotically cut and welded. We can manufacture any size or shape downspout adapter, shoe or boot. With standard features like clean out access, powder coat finish, concealed mounting points, and vandal resistant hardware.

Pilkington North America**Booth 908**

811 Madison Ave., Toledo, OH 43604
800 221 0444

www.pilkington.com/na

Pilkington North America is a leading global glass manufacturer that provides one of the broadest ranges of glass products available today.

Pinnacle Structural Engineers**Booth 216**

3120 Southwest Fwy., Ste. 410, Houston, TX 77098
713 807 8911

www.pinnaclestructural.com

Pinnacle Structural Engineers is an award-winning structural engineering consulting firm based in Houston that provides services across the United States for a wide variety of project types, including office buildings, worship facilities, industrial buildings, blast resistant structures, and more.

Pliteq**Booth 828**

1370 Don Mills Rd., Unit 300, Toronto, ON M3B 3N7
CANADA

416 449 0049

www.pliteq.com

We are experienced engineers focused on developing high-performing, cost-effective acoustical products to ensure building code is met for sound transmission.

Innovative by design, simple to install, GenieClip™ and GenieMat™ are the trusted brands of architects, builders and acoustical consultants worldwide.

Plyboo**Booth 321**

475 6th St., San Francisco, CA 94103
415 896 0577

www.plyboo.com

Presenting Plyboo's latest modern, organic and optically fascinating panel collections; their latest designs are their most daring and innovative to date. By carving deeply into and through the layers of their engineered multi-layer bamboo panel, a complex pattern of mingling planes evoking modernism and optical illusion with noise reduction (NRC .7).

Polyguard Products Barrier System Division**Booth 844**

4101 S. I-45, Ennis, TX 75119
214 515 5000

www.polyguardbarriers.com

TERM Barrier products, brought to you by Polyguard Barriers, is a system of products for new construction. The TERM Barrier System creates a building envelope that will protect against air, moisture, termites, and virtually all pests, without the use of pesticides.

Portella Steel Doors & Windows**Booth 343**

11701 Bee Caves Rd., Ste. 121, Austin, TX 78738
512 263 8851

www.portella.com

Portella creates unforgettable first impressions. All Portella products exceed industry standards. They're not only beautiful, but also built to last. We manufacture more than beautiful steel doors and windows; we offer an entire suite of architectural products for residential and commercial projects. Portella products are custom manufactured to your exact specifications, allowing limitless design options.

PPG**Booth 129**

400 Bertha Lamme Dr., Cranberry, PA 16066
412 434 4172

www.ppgideascape.com

PPG is the world's leading coatings company, consistently delivering high-quality, innovative and sustainable solutions that protect and beautify their products and surroundings. PPG is the only company in North America that can provide architects with glass, coatings and paint. Let our experts collaborate with you on your next project.

Prism Renderings**Booth 453**

8915 Aberdeen Park Dr., Houston, TX 77095
281 799 4800

www.prismrenderings.com

PRISM, formerly PCG, delivers customized 3D visualization services. We work with architects, developers, and building owners to produce project visuals based on business goals. Quality, timeliness, and client service are hallmarks of our work. PRISM was named one of the Better Business Bureau of Houston's 2016 Winners of Distinction.

Pro-Vigil Surveillance Services**Booth 827**

4646 Perrin Creek, Ste. 280, San Antonio, TX 78217
210 858 1107

www.pro-vigil.com

Video Surveillance Solutions Pro-Vigil offers remote video monitoring, fixed video systems, temporary surveillance units, and much more. We offer the tools and services to help you manage and protect your assets, and give you peace of mind.

Production Modeling Corporation**Booth 558**

15726 Michigan Ave., Dearborn, MI 48126
313 441 4460

www.pmccorp.com

PMC will present state of the art digital engineering technologies specific to the AEC sector, including laser scanning, 3D modeling and simulation. Emphasis will be on the uses of these tools at different stages in the lifecycle of a project and the business value proposition of the investment.

Pyrok**Booth 326**

36 Butler Hill Rd., Somers, NY 10589
914 277 5135

www.pyrok.com

Pyrok provides seamless and durable sound absorbing wall and ceiling treatments for architectural design. It is our mission to assist our architectural, consulting, and contracting clients on how to integrate our sound-absorbing products into their projects. We pride ourselves on taking a sustainable and proactive approach to acoustical considerations in the design phase.

Quality Powder Coating**Booth 809**

1838 Forms Dr., Carrollton, TX 75006
972 488 0635

www.qualitypowdercoating.com

Introducing our new WOOD GRAIN POWDER COATINGS. Based in Carrollton, Texas, Quality Powder

Coating offers architectural grade coatings to meet the AAMA 2604 and 2605 specifications as well as the wood grain coatings. With no VOC's, powder coating is paving the way for a greener future.

Regal Plastics**Booth 852**

9200 North Royal Lane #120, Irving, TX 75063
972 484 0742

www.regal-plastics.com

Master Distributor for Polygal, Lexan and Plexiglas brand products. Custom Plastic Fabricator for light lens, furniture, privacy panels, translucent roofs and decorative panels.

Rehme Steel Windows & Doors**Booth 621**

3914 Crawford St., Spicewood, TX 78669
512 916 0511

www.rehmesteel.com

We design and produce custom steel frame windows and doors for high-end residential projects. We produce a 100% MADE IN THE U.S.A. product. All of our assemblies are HAND CRAFTED IN TEXAS, BY TEXANS. We take pride in producing stiffer door panels and sashes than all our competitors.

ROCKFON**Booth 657**

4849 S. Austin Ave., Chicago IL, 60638

www.rockfon.com

ROCKFON has been a leading manufacturer of ceiling tiles in Europe for more than 50 years. Now, ROCKFON ceiling tiles are prepared to stand above the rest in North America because of performance advantages made possible by our raw material: stone wool.

S Rogers-O'Brien Construction**Booth 411**

1901 Regal Row, Dallas, TX 75235
214 962 3000

www.r-o.com

Since 1969, Rogers-O'Brien has firmly established itself as a leading general contractor in Texas by providing a wide range of pre-construction and construction management services. Our unique approach consistently delivers high-quality buildings in a variety of market sectors, exceeding the most demanding expectations. We have offices in Austin, Dallas, and Houston.

Ron Blank & Associates**Booth 629**

2611 N. Loop 1604 W. #100, San Antonio, TX 78258
210 408 6700

www.ronblank.com

Ron Blank & Associates bridges the gap between design

professionals and building product manufacturers through: online, face-to-face, and webinar AIA/HSW continuing education courses; GBCI continuing education for LEED APs; LEED Green Associate and LEED AP exam prep courses; direct product representation; video production; and product guide spec writing.

ROXUL**Booth 557**

4594 Cayce Rd., Byhalia, MS 38611
800 265 6878

www.roxul.com

ROXUL, is a subsidiary of ROCKWOOL International A/S, the world's leading supplier of innovative products and systems based on stone wool insulation. ROXUL products provide superior thermal and acoustical value and are fire resistant, water repellent, non-corrosive, and resistant to mold.

RoyOMartin**Booth 511**

P.O. Box 1110, Alexandria, LA 71309
800 299 5174

www.royomartin.com

RoyOMartin's Eclipse Reflective Housewrap saves builders both time and money. Offered in 8-ft and extended lengths, the OSB product with pre-applied radiant barrier foil is designed to replace traditional housewrap. All RoyOMartin OSB and plywood products are APA rated and available FSC certified. Visit our website for more information.

RPC Exceed**Booth 653**

12402 Eastex Fwy., Houston, TX 77039
281 227 3577

www.rpcinc.com

Skylight design, distribution, installation, service. Glass skylights also translucent skylights, wall systems, and canopies. Major Industries Insulated Fiberglass Sandwich Panel including hurricane rated or blast resistant. Sundolier Active tubular skylights for large areas - Indirect or high bay luminaires Full day solar tracking - high intensity, deep core, tubular daylighting.

S-5!**Booth 834**

8655 Table Butte Rd., Colorado Springs, CO 80908
719 332 3983

www.s-5.com

S-5! is a patented hardware technology that makes standing seam metal roof attachments quick, simple, secure and dependable.

SageGlass**Booth 904**

2 Sage Way, Faribault, MN 55021

507 331 4848

www.sageglass.com

SageGlass® is advanced dynamic glass that can be electronically tinted or cleared to optimize daylight and improve the human experience in buildings. SageGlass enables you to control sunlight and glare without blinds or shades, maintaining your view and connection to the outdoors and significantly reducing energy consumption.

Santafe Tile Corp**Booth 802**

8825 NW 95 St., Medley, FL 33178

305 885 9002

www.santafetile.com

Santafe is a manufacturer of clay roof tiles. Offering distinctive, beautiful color selections in different styles: Spanish "S" for a Mediterranean look at a reasonable price; Mission Barrel for the traditional old-world design, Flat tile for contemporary aesthetics, or Imperial tile for the most affordable clay tile option.

Schluter Systems**Booth 308**

194 Pleasant Ridge Rd., Plattsburgh, NY 12901

800 472 4588

www.schluter.com

Schluter Systems creates and manufactures installation systems specifically designed for tile and stone. Our innovative systems combine state-of-the-art technology, practical experience, and attention to detail, in order to protect the integrity of every tile installation and allow for the application of this ideal surface covering on virtually any surface.

Schuler Shook**Booth 605**

325 N. Saint Paul, Ste. 3250, Dallas, TX 75201

214 747 8300

www.schulershook.com

Schuler Shook offers theater planning services, architectural lighting design, feasibility studies, facility programming, and technical systems design. Projects include: Buddy Holly Hall of Performing Arts; Dallas City Convention Center Lamar Street Lighting; University of Houston University Center; and University of Texas San Antonio Center for Oral Health Care. Offices in Dallas, Chicago, Minneapolis, and Melbourne.

Shah Smith & Associates**Booth 123**

2825 Wilcrest Dr. #350, Houston, TX 77095

713 780 7563

www.shahsmith.com

Shah Smith & Associates is a consulting MEP engineering firm specializing in design, construction management, and commissioning of research, healthcare, higher education, K-12, aviation, governmental, and public works facilities. Our diverse portfolio includes complex, award-winning, and sustainable projects. We are State of Texas HUB certified and a USGBC member.

The Sherwin Williams Company**Booth 708**

8850 Jameel Rd. #150, Houston, TX 77040

713 957 4209

www.sherwin-williams.com

The Sherwin Williams Company is celebrating our 150 year Anniversary! Founded in 1866, Sherwin Williams is the Largest manufacturer and distributor of Paints and Coatings in the United States. Stop by our booth and visit Brian G. & Brett to learn about our New Paint Shield Paint that Kills Bacteria.

Sierra Pacific Windows**Booth 654**

575 S. Whelen Ave., Medford, WI 54451

715 748 2011

www.sierrapacificwindows.com

Whether you're designing a million dollar mansion or a small urban home, Sierra Pacific Windows will make you proud. We have all the styles, features, and curb appeal you could ask for. Our product lines range from totally custom expansive windowscapes, to high-quality windows that provide high performance at a mid-range price.

Sika Sarnafil**Booth 554**

2500 S. Wilcrest Dr., Houston, TX 77042

832 470 6141

usa.sarnafil.sika.com

Sika Sarnafil is the leader in commercial roofing and waterproofing systems, with over 50 years of proven performance and experience. Sika has a variety of systems. Included are the energy-efficient EnergySmart Roof®; a Solar Integrated System; Green Roofs; Plaza Decks; and Stylish Decor Roof Systems in a range of standard and custom colors.

Smart Vent Products**Booth 850**

430 Andbro Dr., Unit 1, Pitman, NJ 09071

877 441 8368

www.smartvent.com

SMART VENT Flood Vents are Engineered Openings and are certified to meet all Building Codes, FEMA Regulations, and NFIP Flood Insurance Requirements. Founded in 2001, Smart Vent products use Marine

Grade T316L Stainless Steel and are 100% made in the United States.

The Southwell Co.**Booth 230**

928 N. Alamo, San Antonio, TX 78215

210 223 1831

www.southwellco.com

For 150 years The Southwell Co. has been a leading manufacturer of SIGNAGE products including... Dedication Plaques, Metal Letters, Logos, Interior Signs and Custom Signs. It will be made right when you "Specify Southwell".

Southwest Architectural Sales**Booth 250**

P.O. Box 1949, Rowlett, TX 75030

214 342 2400

www.southwestarch.com

Southwest Architectural Sales represents industry leading manufacturers of products in Architectural Division 8 and Division 10.

Southwest Solutions Group**Booth 223**

2535-B E. State Hwy. 121, Ste. 110, Lewisville, TX 75056

www.southwestsolutions.com

Since 1969, Southwest Solutions Group® has been assisting architects and designers with a multitude of space-efficient and personnel productivity storage and filing solutions, including modular casework, high-density shelving, mobile workstations, and movable walls that will enhance green building design.

S SpawGlass**Booth 703**

9331 Corporate Dr., Selma, TX 78154

512 507 3119

www.spawglass.com

Founded in 1953 by Louis Spaw and Frank Glass, SpawGlass is a commercial and civil contractor with offices in Austin, the Golden Triangle, Houston, North Texas, San Antonio, and South Texas. The company has approximately 600 team members and is 100 percent employee-owned — with ownership open to all employees.

Specified Interiors**Booth 319**

10400 Rodgers Rd., Houston, TX 77070

281 655 8433

www.specinteriors.com

We specialize in interior and exterior specialty finish products, and acoustical and decorative treatments for ceiling and wall applications in different materials (wood, metal, acoustical plaster, etc). We also offer

solar control products (solar shading systems, exterior louvers, metal screening, sunshades) and metal and concrete cladding materials for facades.

Stanley Security Solutions

Booth 428

19027 Ridge Hill Ct., Houston, TX 77084
832 496 9507

www.stanleysecuritysolutions.com

Stanley Security Solutions is a Division of Stanley Black & Decker. We are a U.S.-Based Company founded in 1843. Our Architect Specification Services offer specification sections for architects. We make Best Locks, Precision Exits, Door Closers, Stanley Commercial Hardware, and SHELTER Lock Down systems. Our roots are still in the U.S.A.

Stego Industries

Booth 817

216 Avenida Fabricante #101, San Clemente, CA 92672
949 257 4100

www.stegoindustries.com

Stego Industries is the leader in below-slab moisture protection. The innovators of Stego Wrap vapor barriers and accessories have earned the trust of the design community for over 15 years as the most widely specified vapor barrier in the market.

Studio Outside

Booth 552

824 Exposition Ave., Ste. 5, Dallas, TX 75226

www.studiooutside.us/home

Studio Outside is a team of passionate designers who find inspiration in the freedom of exploration. We draw upon years of experience with a wide diversity of construction techniques. We aspire to design places that demand a thoughtful and refined aesthetic while incorporating sensitivity and intrigue for the human experience.

Sunsational Solutions

Booth 727

600 S. Bell Blvd., Ste. 16, Cedar Park, TX 78613
512 246 8468

www.sunsationalsolutions.com

Sunsational Solutions specializes in solar control window films, safety and security films, and decorative and custom decorative films. We're dedicated to offering the latest technologies and designs, and we take the time to make sure you're selecting the best option for your client, within their budget.

TAMKO Building Products

Booth 734

220 W. 4th St., Joplin, MO 64801
800 641 4691

www.tamko.com

TAMKO® offers its full product line, including Heritage® Series architectural shingles, 3-tab shingles, Metal-Works® steel shingles, Moisture Guard Plus® SBS-modified underlayments, SA Base and Cap self-adhered rolled roofing, Awaplan SBS-modifieds, EverGrain® and Evergrain Envision® composite decking, Marquee® and Tam-Rail® railing, ventilation, waterproofing, and cements and coatings.

Tamlyn

Booth 348

13623 Pike Rd., Stafford, TX 77477
281 499 9604

www.tamlyn.com

TAMLYN has brought to market a complete water management system of enclosure with TamlynWrap, XtremeSeam tape, XtremeFlashing tapes, and XtremeSealant. TamlynWrap is a drainable housewrap that exceeds current code requirements with unique continuous 1.5-mm integrated filaments that provide 96% drainage efficiency.

S Teal Construction Company

Booth 854

19115 FM 2252, Ste. 3, Garden Ridge, TX 78266
713 465 8306

www.tealcon.com

Teal Construction is a General Contracting and Construction Management firm specializing in the construction of commercial projects. Our mission is to build structures and life-long relationship through integrity, innovation, high-performance and an experienced professional team. We are located in Houston, Corpus Christi, and San Antonio, with the capabilities to work nationwide.

Terracon Consultants

Booth 318

6911 Blanco Rd., San Antonio, TX 78216

www.terracon.com

Terracon provides environmental, facilities, geotechnical, and construction materials engineering services delivered with responsiveness, resourcefulness, and reliability. Saving our clients time and money through tailored services that meet their objectives: It's a belief we've put into practice since our inception more than 50 years ago.

Texas Board of Architectural Examiners

Booth 218

P.O. Box 12337, Austin, TX 78711-2337
512 305 9000

www.tbae.state.tx.us

It is our mission to protect the public's health, safety, and welfare through the regulation of the practice of the

professions of architecture, landscape architecture, and interior design.

Texas Building Products

Booth 133

3261 TX-108, Strawn, TX 76475

254 672 5262

www.texasbuildingproducts.com

We manufacture concrete masonry units in a variety of shapes, sizes, and textures, including gray, split face, burnished, and polished block. We also produce Spectra-Glaze II glazed block. In addition to providing superior products, our representatives enjoy problem solving with clients, focusing on the specific needs of every project.

Texas Scenic Company

Booth 739

8053 Potranco Rd., San Antonio, TX 78251

210 684 0091

www.texasscenic.com

Texas Scenic Company is a full-service theatrical equipment company and custom theatrical systems integrator. We design, manufacture, and install stage curtain, counterweight, and motorized rigging, and theatrical lighting, dimming, and control equipment. We provide a complete line of expendables and hardware, as well as custom equipment and solutions to fit every need.

Texas Timber Truss

Booth 757

38203 FM 1774 Rd., Magnolia, TX 77355

www.texastimbertruss.com

At Texas Timber Truss, each truss is hand cut and crafted as well as producing our own steel connector plates with our plasma cutter. With expertise in autocad, we will provide detailed drawings. Located three miles south of Magnolia, on three acres and 18,000 sf under roof, we have the capability of building multiple jobs at one time.

Texrite

Booth 910

400 Pinemount Houston TX, 77018

www.texrite.com

Founded in 1964 in Houston, Texrite continues with the ideas of solving problems that the tile installation trades face. We are diligently serving the most important tile and stone distributors and contractors in the south region of the US. Our focus has always been to manufacture easy to use products at competitive prices.

Thermal Building Systems**Booth 743**

1006 Ranger Rd., Forney, TX 75126

972 564 5110

www.thermalbldg.com

Thermal Building Systems is an independent manufacturer's representative group providing solutions for the Thermal Envelope.

S Thornton Tomasetti**Booth 131**

101 NE Third Ave., Ste. 1170, Fort Lauderdale, FL 33301

954 903 9300

www.thorntontomasetti.com

Thornton Tomasetti provides engineering design, investigation, and analysis services to clients worldwide on projects of every size and level of complexity. We are a 100% employee-held organization of engineers, architects, and sustainability and support professionals collaborating from offices across the U.S., and in Asia-Pacific, Europe, Latin America, and the Middle East.

TimberBlindMetroShade**Booth 153**

1400 Lavon Dr., McKinney, TX 75069

800 348 7706

www.timberblinds.com/commercial-division

TimberBlind is the architect and designer's resource for high-quality commercial window coverings. As a full line manufacturer, we carry roller shades, aluminum blinds, faux wood blinds, woods blinds, and everything in between. We define the industry through variety, helping you with all of your functional and design needs.

TLC Engineering**Booth 701**

4131 N. Central Expy. #200, Dallas, TX 75204

615 394 4297

www.tlc-engineering.com

TLC Engineering for Architecture provides exceptional high-performance engineering design, consulting, and energy services. Founded in 1955 and consistently ranked as one of the largest MEP and structural engineering firms in the country, TLC is an industry leader delivering high-performance building design and consulting services on a wide array of building types.

S Total CAD Systems**Booth 408**

480 N. Sam Houston Pkwy. E. #234, Houston, TX 77060

281 445 6161

www.tcadsys.com

Total CAD Systems, now a subsidiary of Graitec Innovations, is a leading provider of CAD and Engineering Design software solutions for the Architecture, Engineering, and Construction industry. Our commitment to

providing the highest quality of service has helped many engineering and design firms reach their goals and attract more business.

Travis Tile Sales**Booth 311**

3811 Airport Blvd., Austin, TX 78722

512 478 8705

www.travistile.com

Travis Tile Sales is Central Texas' oldest independent tile distributor. Our locations in Austin and San Antonio have satisfied every segment of the building industry for over 50 years. Our many product lines include American Olean, Walker Zanger, Imola, AlyseEdwards, American Universal, Glass, Laticrete setting materials, and Wilson-art Decorative Laminate.

Trim-Tex**Booth 858**

3700 W. Pratt Ave., Lincolnwood, IL 60712

847 679 3000

www.trim-tex.com

Trim-Tex has manufactured Rigid Vinyl Corner Beads in the U.S. for over 40 years using over 70% industrial recycled materials. Use Trim-Tex Beads to create "Drywall Art" in your next project. Remember: Metal Dents — Vinyl Doesn't.

Trinity Lightweight**Booth 1006**

1112 E. Copeland Rd., Arlington TX 76011

www.trinitylightweight.com

TRW Family of Companies**Booth 752**

113 Hillcrest Dr., La Vernia, TX 78121

210 386 6862

www.trwfamil.com

Specializing in the area of space management for over 50 years, TRW Family of Companies provides the highest level of consultation service to architects, designers, and owners, as well as expert sales, dedicated customer service, and quality installation and repair work for operable walls for Greater Houston, Dallas/Fort Worth, Central Texas, and Oklahoma.

Tymetal Corp.**Booth 233**

4501 Dixie Farm Rd., Pearland, TX 77511

800 328 4283

www.tymetal.com

Tymetal is the leading manufacturer of security gates and operator systems. Correctional and Commercial systems include US DOS certified Crash Gates, aesthetic Crash Bollards, Bi-fold, Slide, Swing, Telescoping, Pedestrian, Vertical Lift/Pivot, Exercise Cages, and Gate

Operators. Shipping globally from manufacturing plants in TX, NY, and IA since 1985.

University of Texas at Arlington College of Architecture, Planning and Public Affairs**Booth 355**

601 W. Nedderman Dr., Ste. 203, Arlington, TX 76019

817 272 2801

www.uta.edu/cappa

Established in 2015, The University of Texas at Arlington's College of Architecture, Planning and Public Affairs unites the former schools of Architecture and Urban and Public Affairs in one of the national's premier programs in architecture, interior design, landscape architecture, planning, public administration, and public policy.

Vectorworks**Booth 601**

7150 Riverwood Dr., Columbia, MD 21046

www.vectorworks.net/architect

Vectorworks Architect is the industry's only modeling, drafting, and documentation software built with BIM at the center of the design process. As the architect's BIM tool, the software enables you to tackle complex ideas in 2D and 3D, streamline costs, refine construction details, and increase your energy efficiency.

Veneerstone**Booth 220**

1720 Couch Dr., McKinney, TX 75069

214 491 5100

www.veneerstoneretail.com

The natural warmth and versatility of stone, coupled with creative planning, can give any home or building character and personality. Veneerstone captures the beauty and durability of natural stone while offering many key advantages. Veneerstone has a solid reputation for creating products that are virtual replicas of natural stone in texture, shape, color, and authenticity.

Versatex Building Products**Booth 723**

400 Steel St., Aliquippa, PA 15001

724 857 1111

www.versatex.com

VERSATEX manufactures high-quality cellular PVC trim, delivering premium aesthetics and a Lifetime Warranty. Offerings include trim/sheet, T&G profiles, stealth trims, soffit systems, column wraps, and mouldings. Additionally, our VERSATEXTURAL service crafts PVC into virtually anything you can imagine — unique designs or historical recreations. VERSATEX helps you TRIM SMARTER.

Viva Railings**Booth 417**

1454 Halsey Way, Carrollton, TX 75007
972 353 8482

www.vivarailings.com

VIVA RAILINGS specializes in Stainless Steel Modular Railing Systems with Glass, Cable, Multiline, and Perforated-metal panel in-fill options, adding timeless beauty to commercial construction. VIVA is your single-source supplier, offering services from Design and Engineering to Fabrication and Installation throughout the U.S., Puerto Rico, and Canada.

VoltAir Consulting Engineers**Booth 1000**

5373 W. Alabama St., Ste. 400, Houston, TX 77056
832 967 8245

voltairengineers.com

VoltAir is a minority-owned corporation with offices in Texas and Florida. VoltAir provides mechanical, electrical, plumbing, fire protection, and information technology engineering design services. Our mission is to practice quality engineering and deliver cost-efficient, innovative, and professional service.

Wade Architectural Systems**Booths 922 and 920**

1803 Humble Place Dr., Humble, TX 77338
281 852 7900

www.wadearch.com

Wade Architectural Systems provides exterior architectural metal building products for the commercial construction market within the state of Texas. We are the local agent for: Centria, Construction Specialties, VMZinc, Altech Panel Systems, Ceiling Plus, CPI Daylighting, GKD Metal Fabrics, and SmartCi. We also offer design assistance, budget pricing, and AIA/CEU lunch presentations.

§ The Wagner Companies**Booth 501**

10600 W. Brown Deer Rd., Milwaukee, WI 53224
888 243 6914

www.wagnercompanies.com

The Wagner Companies — a worldwide distributor and an ISO 90001-2008 manufacturer of metal products for architectural and OEM industrial components. Applications including handrail systems and components for structural glass railing. Lumenrail™, LEDpod™, Cable Rail, Slip-fit™ Product Samples — AIA/CES Programs — Technical Assistance with projects, product applications, architectural glass systems, and lighted hand-railing.

Wasco Products**Booth 248**

85 Spencer Dr., Unit A, Wells, ME 04090
800 388 0293

www.wascoskylights.com

Wasco Skylights offers a full line of quality daylighting solutions to meet your daylighting goals without compromising energy performance or design. Our product line includes glass structural or acrylic unit skylights, and translucent multi-wall polycarbonate systems in vertical, unit, structural, vault, and canopy configurations.

Water Storage Tanks**Booth 203**

P.O. Box 942, Dripping Springs, TX 78620
512 301 1817

www.waterstoragetanksinc.com

Manufactures CorGal® Tanks, high-quality corrugated galvanized steel tanks, for commercial and residential rural and urban water storage needs. Every tank is custom-designed, engineered for each location, assembled at the project site, and corrosion-resistant. Used on LEED-rated developments, Sustainable SITES Pilot Projects, and Living Building Challenge projects.

Wenger Corporation**Booth 251**

555 Park Dr., Owatonna, MN 55060
800 733 0393

www.wengercorp.com

Wenger Corporation and JR Clancy provide innovative, high-quality products and solutions for the Performing Arts, Music and Theatre Education, and Athletic Programs. With products ranging from theatrical rigging systems to acoustical products, and from portable platforms and furnishings to customized wood lockers and storage, we design durable, functional products.

The Western Group**Booth 359**

4921 Rondo Dr., Fort Worth, TX 76106
844 894 2724

www.architecturalwire.com

The Western Group is a U.S. manufacturer of woven wire, welded wire, and perforated metal screens. Our screens, including our Living Screen® trellis system which promotes vine growth for exteriors and landscapes, are used for a variety of architectural applications. We're committed to sustainability and collaboration in all design phases.

Whiting-Turner**Booth 332**

17115 San Pedro Ave., Ste. 120, San Antonio, TX 78232
469 429 0800

www.whiting-turner.com

Whiting-Turner provides construction management, general contracting, and design/build services on projects small and large for a diverse group of customers. Successful markets include offices and headquarters,

healthcare, senior living, life sciences, microelectronics, retail, education, industrial, warehouse and distribution, transportation, multifamily residential, mixed-use, urban redevelopment, hospitality, entertainment, cultural, religious, and public sector.

WoodWorks**Booth 559**

14584 Hwy. 377 S., Fort Worth, TX 76126
817 899 7472

www.woodworks.org

An initiative of the Wood Products Council, WoodWorks provides free project assistance, as well as education and resources related to the design of non-residential and multi-family wood buildings. Our technical experts offer support from design through construction on a wide range of building types.

Wooster Products**Booth 456**

1000 Spruce St., Wooster, OH 44691
330 264 2844

www.wooster-products.com

Since 1921, Wooster Products has been manufacturing anti-slip stair and walkway products. These anti-skid products are heavy duty, durable designs that provide anti-skid surfaces for occasional to continuous walking traffic patterns.

Wrightson, Johnson, Haddon & Williams**Booth 357**

3424 Midcourt Rd., Carrollton, TX 75006
972 934 3700

www.wjhw.com

Wrightson, Johnson, Haddon & Williams is a 50+ person, HUB Certified, woman-owned firm, offering state-of-the-art design services and consulting in acoustics, sound and AV, visual, video and scoring displays, broadcast and video production, theater planning, performance lighting/rigging, architectural lighting, distributed TV, video surveillance and access control and structured cabling.

York Metal Fabricators**Booth 1021**

P.O. Box 18149, Oklahoma City, OK 73154

www.yorkmetal.com

York Metal has been custom-crafting stainless steel, aluminum, bronze, and glass guardrails since 1963. Every job is a unique and valuable opportunity, featuring fully welded railings with a focus on high-quality finishing. From traditional railings to innovative designs, YMF can provide all you guardrail and handrail solutions.

Resources

Boardwalk on Lady Bird Lake, Austin

Contractor Jay-Reese Contractors

Consultants CIVIL/STRUCTURAL/LANDSCAPE ARCHITECT: Jacobs; MEP: Encotech; SPECIAL STRUCTURES: Structures; ENVIRONMENTAL ENGINEERING: Eclipse Environmental Engineering; FEDERAL PERMITS: Baer Engineering; SURVEYOR: Macias & Associates; ACCESSIBILITY: Altura Solutions; GEOTECHNICAL: HVJ Associates; PUBLIC ENGAGEMENT: Elizabeth Christian & Associates Public Relations

Resources CONCRETE SHAFTS: ATS Drilling; PRECAST CONCRETE PLANKS: Lonestar Prestress Manufacturing; CONCRETE PAVERS/MASONRY: Pavestone; CRUSHED STONE BETWEEN PAVERS: Texas Crushed Stone Company; GLAZED STRUCTURAL FACING TILE: Elgin-Butler Company; STRUCTURAL STEEL: 5-Star Fabrications; PERFORATED, CORRUGATED METAL PANELS: Wade Architectural Systems; METAL DECK: Vulcraft; ROOFING: Ber-ridge Manufacturing Company; ICE AND WATER SHIELD: Grace Construction Products; HOLLOW METAL DOORS: Curries (Hull Supply); DOOR HARDWARE: Stanley (Hull Supply); HINGES: Hager (Hull Supply); DOOR CLOSERS: LCN Closers (Hull Supply); METAL BOLLARDS/TRASH RECEPTACLE: Fair Weather SF; METAL DECKING (SAF-T-GRID): McNichols; PEDESTRIAN STEEL TRUSS BRIDGE SPAN: Harper's Pedestrian Bridges; SPHERE FOUNTAIN: Aqua Fountains International; PLUMBING: Acorn Engineering, Sloan (Moore Supply); ELECTRICAL: KST Electric, Spectrum Lighting; PLANT MATERIALS: Austex Tree Service; WOVEN FILTER FABRIC: TenCate; DECOMPOSED GRANITE: Texas Crushed Stone; LIMESTONE BLOCKS: A.G. Brauer

El House, Houston

Contractor Whitley Construction Services

Consultants STRUCTURAL ENGINEER: Insight Structures; MEP ENGINEER: Redding Linden Burr; CIVIL ENGINEER: Andrew Lonnie Sikes

Resources BRICK: Endicott (Upchurch Kimbrough Company); WINDOWS: RAM Industries; DOORS & WINDOW WALL: Western Window Systems; SLATE FLOORING: Thorntree

The Cotton Gin at the CO-OP District, Hutto

Contractor American Constructors

Consultants STRUCTURAL ENGINEER: Architectural Engineers Collaborative; MEP ENGINEERS: TTG; LANDSCAPE ARCHITECT: TBG Partners; CIVIL ENGINEER: Bury

Resources CONCRETE: CX2 Concrete; METAL: Centria Architectural Systems (Wade Architectural Systems); METAL FABRICATION / STRUCTURAL STEEL FABRICATOR: Joe Bush & Associates; STRUCTURAL STEEL ERECTOR: Quality Steel Erectors; THERMAL & MOISTURE PROTECTION- ROOF, SIDING & GUTTERS: Centria Architectural Systems (Kidd Roofing); OPENINGS - DOORS: Curries (Hull Supply); WINDOWS - GLASS: Morris Glass; GARAGE DOORS: doorLink Manufacturing (Alamo Doors); DOOR HARDWARE: Hager Company (Hidell Builders Supply); FINISHES: Slater Painting; SEALANTS: ATC Contractors; EPOXY COATING: Benjamin Moore Paints; PAVEMENT STRIPING: Accurate Pavement Striping; FIRE SUPPRESSION: Vanguard Fire Projection; PLUMBING- CONTRACTOR: Angell Plumbing; FIXTURES: Ferguson Enterprises; ELECTRICAL CONTRACTOR: Colvin Electric, Lumenton/Prudential/Pinnacle/Philips (ERT Lighting & Sales); ELECTRONIC SAFETY AND SECURITY: Firetrol; EARTHWORK: D2 Excavation; EROSION CONTROL: BMP Specialist; DEMOLITION: Maynard Construction; UTILITIES - SITE UTILITIES: Titus Works; DESIGN SOFTWARE: SketchUp Pro (Trimble), AutoCAD 2014 (Applied Software)

Edgeland House, Austin

Contractor Bercy Chen Studio LP (Design-Build)

Consultants STRUCTURAL: MJ Structures; SOIL ENGINEERING, PLANT SELECTION, SITE PRARIE RESTORATION: Lady Bird Johnson Wildflower Center; CIVIL: Waterstreet Engineering; LIGHTS: Agi Miagi, Recht Lighting; MECHANICAL: Bercy Chen Studio, Ehrlich Mechanical; POOL: Bercy Chen Studio

Resources CONCRETE: RCS Concrete Professionals, Lauren Concrete; STEEL: Estructuras Hidalgo; MASTERBED STAIRCASE: Steelhouse (Designed by Agustina Rodriguez); GREEN ROOF SYSTEM (GEOWEB SYSTEM): Alcoa Geosystems (Geo Solutions); FINISHES: H&H Tile & Plaster (Swimming Pool); DINING CHAIRS: RAD (Ryan Anderson Design); CABINETS: IKEA; PLUMBING: Chabert Plumbing; EQUIPMENT/HEATING, VENTILATING, AND AIR CONDITIONING (HVAC): Ehrlich Mechanical; ELECTRICAL: Austin Eiectical Contractors; WOODS, PLASTICS, COMPOSITE: US Lumber Brokers; THERMAL & MOISTURE PROTECTION: Sika; OPENINGS: C.R. Laurence; FINISHES: IKEA, Recht Lighting, US Lumber Brokers; FURNISHINGS: Agi Miagi, IKEA; SPECIAL CONSTRUCTION/EARTHWORK/ EXTERIOR IMPROVEMENTS: Bercy Chen Studio; DESIGN SOFTWARE: Vectorworks

BP Center for High Performance Computing, Houston

Contractor Anslow Bryant

Consultants CIVIL ENGINEER: Bury Partners; STRUCTURAL ENGINEER/MEP ENGINEER: HOK; LANDSCAPE ARCHITECT: Clark Condon Associates

Resources PRECAST ARCHITECTURAL CONCRETE: Coreslab Structures; METAL WALL PANELS: Alcoa Architectural Products (MCT Sheet Metal); GLAZED ALUMINUM CURTAIN WALL: Accura Systems (Haley-Greer)

Hollowcat Wild, Austin

Contractor J Pinnelli Company

Consultants LANDSCAPE DESIGN: David Peese Design; STRUCTURAL: Structures; ARBORIST: Oak Wilt Management; SEPTIC: J Dunkelburg; KITCHEN: bulthaup Dallas; LIGHTING: Studio Lumina

Resources STONE: Architectural Tile & Stone, Continental Cut Stone; GLASS: Anchor Ventana Glass; HARDWARE: Alexander Marchant; KITCHEN: bulthaup Dallas; KITCHEN AND LAUNDRY: Wilson A/C & Appliance; FURNISHINGS: Scott + Cooner; PLUMBING: Moore Supply & Co, B&B Eagle Plumbing; HEATING, VENTILATING, AND AIR CONDITIONING (HVAC): Thomas A Shubert; MECHANICAL: Kent Browning; OPERABLE SHADES: Texas Sun & Shade

Robert J. and Helen C. Kleberg South Texas Heritage Center, San Antonio

Contractor Guido Brothers Construction

Consultants MEP: TTG Goetting; STRUCTURAL: Danysh & Associates; CIVIL: Pape Dawson; LANDSCAPE: Dixie Watkins, III & Associates; LIGHTING: Available Light

Resources ORNAMENTAL FENCING: The Anchor Group; GRASS PAVERS: Invisible Structures (MKM Sales); CONCRETE MATERIALS: Alamo Concrete Products; POLISHED CONCRETE FLOORS: Amerete; LIMESTONE: I-10 Stone Source (Hunt Restorations); MASONRY RESTORATION AND CLEANING: Prosooco; METAL MATERIALS: Empire Structural & Miscellaneous Steel; GLASS RAILINGS AND HANDRAILS: Julius Blum & Co.; GLASS-FIBER REINFORCED PLASTIC GRATING: McNichols; IPE WOOD DECKING: Everwood Decking Partners; WATERPROOFING AND DAMPROOFING: Sharkskin Kirsch Building Products; BUILDING INSULATION: K-13 International Cellulose Corporation; ROOF TILES: Ludowici Roof Tile; FLUID APPLIED ROOFING: Derbigum; METAL ROOFING: Ber-ridge Manufacturing Company; METAL/WOOD/PLASTIC DOORS AND FRAMES: Architectural Division 8; GLASS: PPG Industries (Craftsman Fabricated Glass); STRUCTURAL GLASS CURTAIN-WALL: Arrowall; INTERIOR STORM WINDOWS: Allied Window; TILE: American Olean (DalTile); TERRAZZO RESTORATION: American Terrazzo Company; PAINTS: Sherwin-Williams; QUARTZ COUNTERTOPS: Okite; LETTERS AND PLAQUES: The Southwell Company; ELEVATOR: ThyssenKrupp; CUSTOM LIGHT FIXTURES: Isaac Maxwell Metal

Gewinner Residence, Fredericksburg

Consultants STRUCTURAL ENGINEERING: Smith Structural Engineers; GEOTECHNICAL ENGINEERING: Holt Engineering

Resources WINDOW FRAMING: Ram Industries; GLASS: Cardinal Glass; PORCELAIN TILES: Mirage Living; CARPET: Tandus Centiva; ENTRANCE DOORS: Hopes Window; GARAGE DOORS: Real Carriage; KITCHEN REFRIGERATOR / WINE: Sub Zero; KITCHEN COOKTOP / OVEN: Wolf; LIVING ROOM SOFA / TABLE: B&B Italia; LIVING ROOM CHAIRS / GUEST ROOM TABLE: Cassina; HANDRAILS: Stair Service; WINDOW SHADES: Hunter Douglas; WATER CLOSET: Villeroy & Boch; BATHROOM FITTINGS: Vola; HVAC SYSTEM: Mitsubishi Electric; LIGHT FIXTURES: Dasal Architectural Lighting; SPECIALTY LIGHT FIXTURES: Edge Lighting

Mission San Juan Capistrano, San Antonio

Contractor Pugh Constructors

Consultants STRUCTURAL: Sparks Engineering; MEP: James T. Rodriguez Consulting Engineers

Resources CONCRETE: Duderstadt Foundation & Construction (Ingram Ready Mix); MASONRY RESTORATION: Curtis Hunt Restorations; DECORATIVE METALS/FURNISHINGS: Architectural Interiors; FINISH CARPENTRY: Alamo Hardwoods; WOOD DOORS & HARDWARE: Architectural Traditions (Allen & Allen); PAINTING AND COATING: Sherwin Williams (LE Travis & Sons); SILICATE COATINGS: KEIM Mineral Coatings of America, Inc.; TILE: Dal-Tile (Alamo Tile & Stone); HEATING, VENTILATING, AND AIR CONDITIONING (HVAC): Carrier (Carrier South Texas); LIGHTING: Graybar

Saint Michael and All Angels Columbarium, Dallas

Contractor Beck Group

Consultants STRUCTURAL ENGINEER: GSEI; CIVIL ENGINEER: Goodson Engineers; LANDSCAPE ARCHITECT: Naud Burnett Landscape Architects; MASONRY CONTRACTOR: Dee Brown

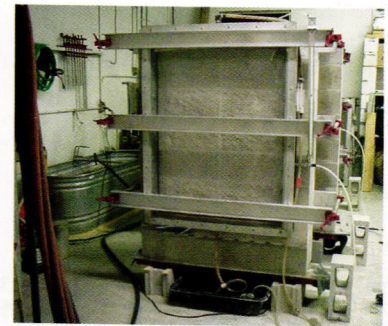
Resources BRICK: Blackson Brick Company; LIMESTONE: U.S. Stone Industries; CRUSHED GRANITE: Billbrough Marble; BRONZE: McMurray Metals; WINDVANE: James Cinquemani Metals; SKY-VIEW BOXES: Element; RAIN COLLECTOR: MetalRite

SPEC MIX® INTEGRAL WATER REPELLENT MORTAR

FACTORY PREBLENDED FOR SUPERIOR BOND STRENGTH & MOISTURE CONTROL



PROVEN RESISTANCE TO WATER PENETRATION



THE ASTM E 514 WATER PENETRATION TEST EQUATES TO A WIND VELOCITY OF 62.5 MILES PER HOUR AND A RAINFALL RATE OF 5.5 INCHES PER HOUR APPLIED TO THE WALL FOR 4 HOURS. THE OUTCOME; THE SPEC MIX IWR MORTAR TEST PANELS SHOWED NO SIGNS OF WATER OR DAMPNESS.

SPEC MIX® IWR MORTAR IS SPECIALLY FORMULATED AND PREBLENDED WITH BASF MASTERPEL® 210D WATER REPELLENT ADMIXTURE TO REDUCE MOISTURE PENETRATION AND EFFLORESCENCE OF MASONRY MORTAR JOINTS.

Available in gray, custom colors or our 25 standard colors, SPEC MIX IWR mortar delivers a highly workable mix with extraordinary shear bond strength to mitigate water intrusion. When SPEC MIX IWR Mortar is specified there is no jobsite batching of mortar materials and room for error. Project owners, designers and contractors get product performance and quality assurance—every batch!

AVAILABLE
IN COLOR



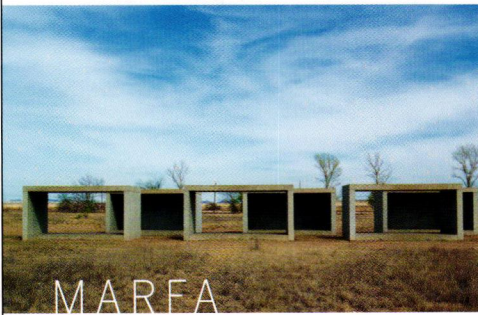
WWW.SPECMIX.COM

Trey Harris - SPEC MIX TEXAS
817-240-3690

© 2016 SPEC MIX, INC.

SPEC MIX®

2017 Design Conference



Save the Date
24-26 February

texasarchitects.org/descon

**Texas
Society of
Architects**

Donald Judd Concrete Art, via Flickr narpalmero

Advertiser's Index

Acme Brick IFC-1 817 332 4101 bseidel@brick.com www.brick.com	BMC 29, 41 281 569 2579 x525 marvininfo@bmcselect.com, www.buildwithbmc.com	Hohmann & Barnard 17 765 420 7940 cbrannan@h-b.com www.h-b.com
AG&E Associates 19 214 520 7202 sagrawal@ageassociates.com www.ageassociates.com	Butterfield Color 6 630 906 1980 keith@butterfieldcolor.com www.butterfieldcolor.com	Hunt & Joiner 111 214 760 7000 mgraves@h-jinc.com www.h-jinc.com
Amarillo Museum of Art 33 806 371 5050 amoa@actx.edu www.amarilloart.org	Continental Cut Stone 36 254 793 2329 robt@continentalcutstone.com www.continentalcutstone.com	Keene Building Products 9 877 514 5336 info@keenebuilding.com www.keenebuilding.com
Architectural Engineers Collaborative 20 512 472 2111 aec@aecollab.com www.aecollab.com	Cy Young Industries 19 800 729 2610 nancy@cyyoungseating.com www.cyyoungseating.com	L.A. Fuess Partners 33 214 871 7010 mpeterman@lafp.com www.lafp.com
Avadek 88 713 944 0988 sales@avadek.com www.avadek.com	Hager Companies 41 800 255 3590 webmaster@hagerco.com www.hagerco.com	Midland Manufacturing Company 33 800 678 4848 sales@midland-midco.com www.midland-midco.com
Baker Triangle 23 972 285 8878 babaker@bakertriangle.com www.bakertriangle.com	Hanover Architectural Products 15 800 426 4242 info@hanoverpavers.com www.hanoverpavers.com	Milgard Windows & Doors 4 800 645 4273 www.milgard.com
Blackson Brick BC 214 855 5051 info@blacksonbrick.com www.blacksonbrick.com	Headwaters Concrete Products 30 www.headwaterscm.com	Peacock Pavers 3 800 264 2072 www.peacockpavers.com

AIA Austin Homes Tour 2016

30th Anniversary

October 15 & 16

Baldrige Architects
Faye and Walker Architecture
Furman + Keil Architects
Lake Flato
McKinney York Architects
Mell Lawrence Architects

Nick Deaver Architect
Rauser Design
Rick & Cindy Black Architects
Tom Hurt Architecture
Tornbjerg Design
Webber + Studio, Architects

Tickets on sale September 15
at aiaaustin.org, the Center for
Architecture, Nannie Inez, and
Zinger Hardware

For more information, please
call AIA Austin at 512.452.4332

Petersen Aluminum 19 800 722 2523 jsnyder@petersenmail.com www.pac-clad.com	Teqniqal Systems 111 817 249 4024 efriend@teqniqal.com www.teqniqal.com
Pilkington North America - NSG Group 25 419 247 3895 sharon.urban@nsg.com www.nsg.com	Texas Building Products 26 800 368 1024 info@texasbuildingproducts.com www.texasbuildingproducts.com
Rehme Steel Windows & Doors IBC 512 916 0511 sales@rehmesteel.com www.rehmesteel.com	The Wagner Companies 23 414 214 0444 mwojtycski@mailwagner.com www.wagnercompanies.com
Schuler Shook 111 214 747 8300 dallas@schulershook.com www.schulershook.com	Total CAD Systems 10 281 445 6161 ppadamada@tcadsys.com www.tcadsys.com
SpawGlass 12 210 651 9000 www.spawglass.com	Wood Products Council/ Woodworks 2 866 966 3448 www.woodworks.org
SPEC Mix 109 888 773 2649 briancarney@specmix.com www.specmix.com	York Metal Fabricators 111 800 255 4703 grantyork@yorkmetal.com www.yorkmetal.com
Studio Outside 12 214 934 7160 www.studiooutside.com	



HUNT & JOINER, INC.

Consulting Structural Engineers

Innovative Structural Engineering
Solutions For Over 50 Years

— REGISTERED IN ALL 48 CONTINENTAL STATES —

Dallas: (214) 760-7000 www.h-jinc.com
Austin: (512) 358-8788 800-464-3170

Teqniqal Systems



817.249.4024
skype: **teqniqal**
www. **teqniqal** .com


Facility Safety Assessments
Stage Rigging & Machinery
Fire Curtains & Draperies
Lighting & Dimming
Video & Projection
Theatre Planning
Noise Control
Acoustics
Sound

www. **TheatreSafetyBlog** .blogspot.com


*Consultants Specializing in
Performing Arts Technology and Safety*

YORK METAL FABRICATORS, INC.

Custom Ornamental Railing Systems
Stainless - Aluminum - Brass - Glass




**Creative custom fabricated
ornamental railings for over
50 years.**




www.yorkmetal.com - 800.255.4703 - Oklahoma City, OK

TEATRO GRANDE



The University of Texas Rio Grande Valley
Edinburg, Texas

THEATRE PLANNERS
Schuler Shook



Chicago Minneapolis Dallas Melbourne
schulershook.com



Sanders Architecture's LBJ Wildflower Center Admissions Kiosk

The kiosk's vegetated roof is meant to communicate the cutting-edge green roof research being done by the center's Ecosystem Design Group. The building opens for ventilation during the six months when AC is not needed.

While small in size, the admissions kiosk at the Lady Bird Johnson Wildflower Center in Austin accomplishes a lot. Designed by Sanders Architecture, the 101-sf pavilion replaced a guardhouse at the end of the center's driveway that was part of the original set of buildings by Overland Partners. Unable to keep the guardhouse staffed all the time, the center had to place a sign in the window asking visitors to pay in the bookstore. As a result, it was losing as much as 50 percent of its ticket revenue. Visitors also had trouble finding the center once they parked.

Sanders Architecture positioned the admissions kiosk between the parking lot and the center's main buildings, where it serves as a wayfinding device. To keep the site as undisturbed as possible during construction, most of the building — with the exception of the foundation and the electrical infrastructure — was constructed off-site. This dictated the size and the materials: The steel frame was designed to be shop-fabricated, picked up by a crane, trucked to

the center, and rested on its footings. By the same token, the building can be easily moved in the future, if necessary.

In addition to improving wayfinding and revenue collection, the kiosk communicates the center's more arcane missions. "Everyone can go and pick up on the fact that they like native plants and sustainable landscapes," says Christopher Sanders, AIA. "It takes digging deeper to discover they're doing cutting-edge green roof research." Native wildflowers and prairie grasses planted in the center's proprietary recycled growing medium adorn the kiosk's green roof and wall, which are irrigated in part by condensate captured in the AC unit. Photovoltaic panels in the awning produce about 65 percent of the building's electricity needs, and the structure opens up for ventilation during the six months when AC is not necessary. All the materials are either locally sourced, low-VOC, recyclable, or rapidly renewable, including cork floors and cypress siding. "We were interested in LEED certification," says Sanders, "but it's too small to meet the minimum size for a LEED building!"