

The 54th Annual Progressive Architecture Awards 49
Planning in San Diego 39 Client Care 37 Blogging Studio 34

ARCHITECT

hanley wood

p/a

54th annual
progressive
architecture
awards

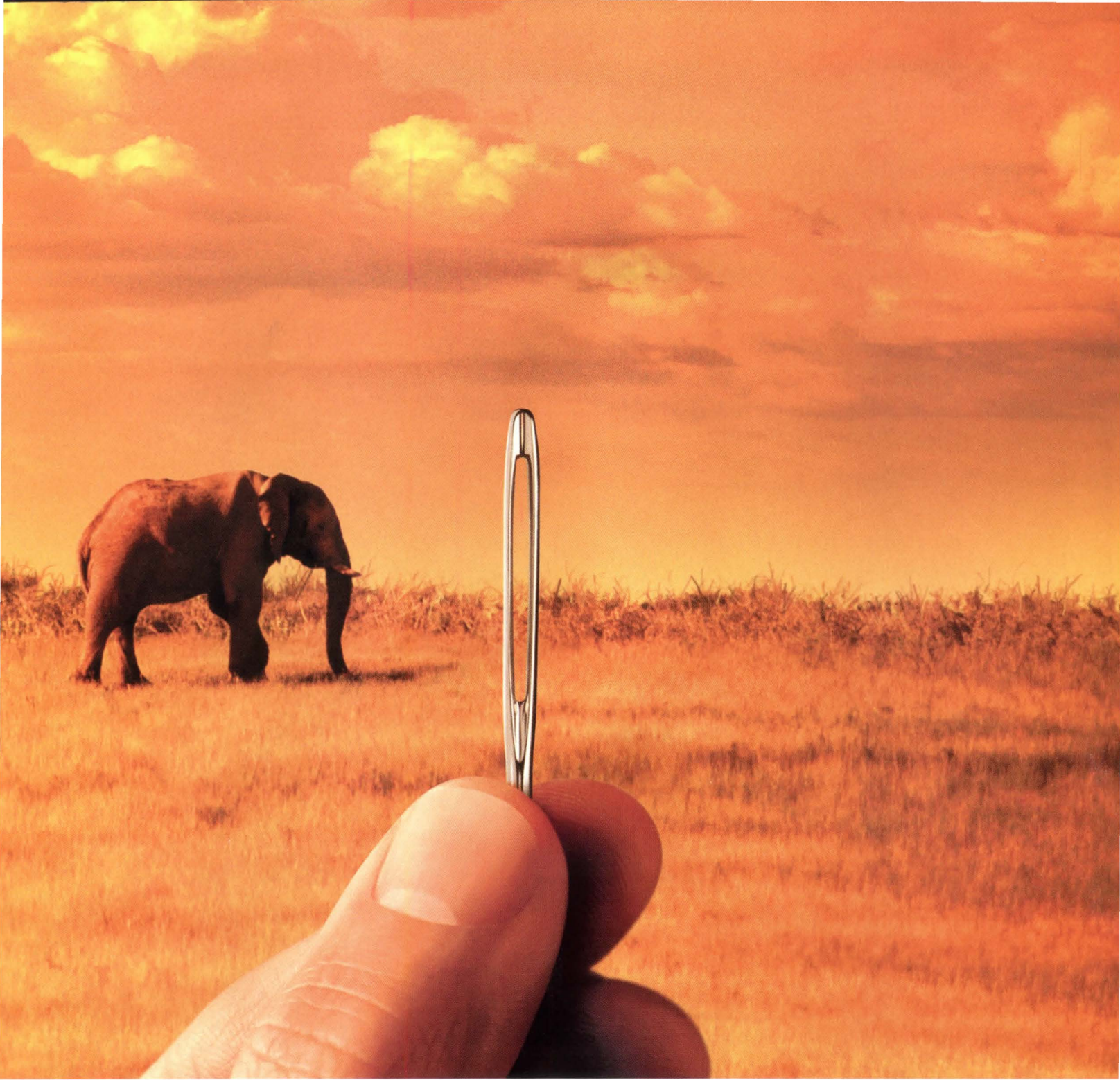


Accomplishing the impossible is part of your daily routine.
Ours, too.

Now available: the impossibly impressive
Solarban® 70XL Solar Control low-E glass.

Architects have always demanded more from energy-saving flat glass. More solar control. More visible light. More of a clear glass appearance. The scientists at PPG have finally created a product that's up to their standards.





New *Solarban 70XL* is the first vision glass that gives architects exactly what they want by delivering a previously impossible set of features. It blocks over 75% of total solar energy while delivering 64% visible light transmittance – and does it with the look of clear glass. After all, looks are still everything. For a *Solarban 70XL* sample and a white paper detailing the unbelievable energy savings it can bring to your next project, call 1-888-PPG-IDEA or visit www.ppgideascales.com.

Circle no. 46 or <http://architect.hotims.com>



People are really very simple creatures.





Make them happy
and they'll return the favor.
Delight them and they'll go
through fire for you.
Inspire them and they'll
teach you to fly.



The future will belong
to organizations that put
people firmly in the center,
that design spaces and invent
workplaces around people.

Research shows that
well-designed spaces are the
single most important factor
in increasing organizational
performance, creating gains
of as much as 20 percent.

In the future,
organizations will demand
return on investment from every
system in a space, from light-
ing to flooring. We're looking
forward to the future.

We've been working
there for years.

Johnsonite

Find out more about our
integrated, high-performance
flooring systems at
johnsonite.com.
Circle no. 38 or
<http://architect.hotims.com>

The Interior Metal Framing Industry has changed...
...forever!



DIETRICH
UltraSTEELTM
 FRAMING

Tomorrow's Technology Today!SM

Why Specify Dietrich UltraSTEEL™ Framing?

- A Better, Quieter Building
- Less Noise Transmission Through Walls and Ceilings
- A Nationally Recognized and Preferred Brand
- Better Acoustical Performance
- Improved Fire Resistance
- Greatly Reduces Screw Stripping
- Faster, Easier and Safer
- UL® Classified in Design V450
- Stronger Load-Carrying Capacity
- Greater Limiting Heights
- Stiffer, More Rigid Construction



Faster...Easier...Safer!



Better Acoustical
 (reduce sound transmission up to 60%)



Improved Fire Test Performance!



Superior Performance at the SAME PRICE!



UL Underwriters Laboratories
Dietrich UltraSTEEL™ Framing Classification
 Wall Design No. V450 in the UL Fire Resistance Directory
 Steel Framing Members Fire-Resistance Classification
 See UL Fire Resistance Directory

Available Sizes: 1-5/8", 2-1/2", 3-5/8", 4" and 6"
Available Gauges (EQ): 25 EQ and 20 EQ
Patent Nos.: 6,183,879 & 5,689,990

Making Our Industry Better...


DIETRICH
 METAL FRAMING
 A Worthington Industries Company

Visit dietrichmetalframing.com or call **412-281-2805**
 to discover the **NEW** standard for interior framing.

Circle no. 28
<http://architect.hotims.com>

BRIGHT

BRIGHT

BRIGHT IDEA



Finally, glass so smart it belongs in the boardroom.

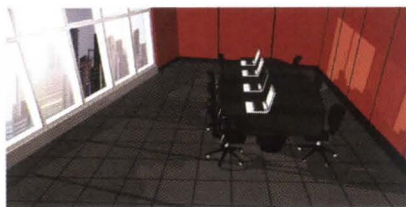
SageGlass® electronically tintable architectural glass gives you the power to change your environment indoors without blocking your view to the outdoors. Now you can enjoy all of the sun's benefits while rejecting its undesirable effects such as glare, heat and fading. This grants you the freedom to design with more daylighting as you create a comfortable, productive and energy-efficient environment.

SageGlass glazing is a breakthrough in the way sunlight is managed. At the push of a button, it can be tinted to eliminate glare on computers and audiovisual screens or lightened when more daylight is desired. This makes it ideal for boardrooms, offices and classrooms—anywhere there is a need to control sunlight. Revolutionary, but not unproven, SageGlass technology has been tested for years by the U.S. Department of Energy with outstanding results.

Why limit yourself to conventional glass with add-on solar control devices? SageGlass glazing delivers proven performance for limitless design potential — making it a perfect fit for today's brightest architects. To learn what SageGlass technology can do for your projects call 1-877-724-3321 or visit sage-ec.com.

SageGlass products are built with Pilkington TEC™ Glass.  PILKINGTON

SageGlass glazing has an unprecedented range of visible light transmission—from 62% at its lightest point to 3.5% at its darkest—making it the perfect solution for applications where room-darkening is required but the view is desired.



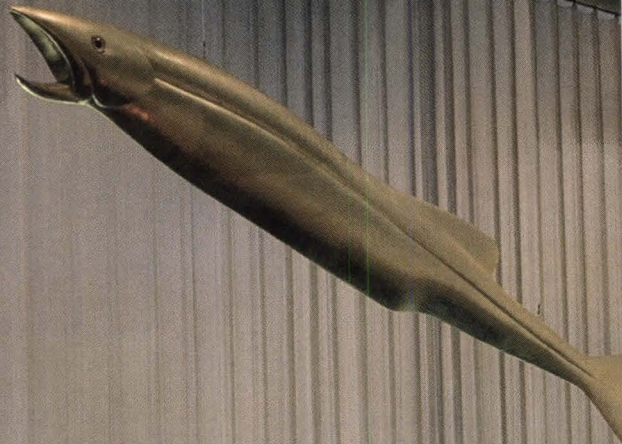
The only glass that:

- Stops glare
- Actively controls daylighting
- Dynamically controls heat gain
- Dramatically reduces all fading while always preserving the view and connection to the outdoors.

Sage Glass®
The power to change™

Circle no. 48 or <http://architect.hotims.com>

Ligne Roset
Las Vegas, Nevada



woven wire fabric



CASCADE COIL DRAPERY
www.cascadecoil.com

20 Years

800-999-2645

Circle no. 81 or <http://architect.hotims.com>

ARCHITECT

EDITOR IN CHIEF

Ned Cramer
ncramer@hanleywood.com

ART DIRECTOR

Abbott Miller, Pentagram

MANAGING EDITOR

Hannah McCann
hmccann@hanleywood.com

SENIOR EDITOR

Amanda Kolson Hurley
ahurley@hanleywood.com

ASSOCIATE EDITOR

Braulio Agnese
bagnese@hanleywood.com

DESIGNER

Kristen Spilman, Pentagram

EDITORIAL DIRECTOR, E-MEDIA

John Butterfield

CHIEF DESIGNER, E-MEDIA

Thomas C. Scala

SENIOR WEB EDITOR

Rachel Arculin
rarculin@hanleywood.com

PROJECT MANAGER, E-MEDIA

Andrew Breychak

DIRECTOR OF PRODUCTION AND PRODUCTION TECHNOLOGIES

Cathy Underwood

INSIDE SALES ASSISTANT

PRODUCTION MANAGER
Mark E. Fisher

AD TRAFFIC MANAGER

Lauren Dobos

PREPRESS MANAGER

Fred Weisskopf

DIGITAL IMAGING MANAGER

George Brown

MARKETING DIRECTOR

Lucy Hansen

EDITORIAL AND ADVERTISING OFFICES

One Thomas Circle, N.W.
Suite 600
Washington, DC 20005
Phone: 202.452.0800
Fax: 202.785.1974

Hanley Wood Business Media

PRESIDENT

Peter M. Goldstone
202.736.3304

CHIEF FINANCIAL OFFICER/ CHIEF OPERATING OFFICER

Frederick Moses

DIRECTOR, OPERATIONS

Ron Kraft

VICE PRESIDENT, CIRCULATION AND DATABASE DEVELOPMENT

Nick Cavnar

VICE PRESIDENT, MARKETING

Ann Seltz

VICE PRESIDENT, PRODUCTION

Nick Elsener

CONTROLLER

Virginia Frazier

Published by Hanley Wood, LLC

CHIEF EXECUTIVE OFFICER

Frank Anton

CHIEF FINANCIAL OFFICER

Matthew Flynn

CHIEF ADMINISTRATIVE OFFICER

Frederick Moses

CHIEF INFORMATION OFFICER

Jeffrey Craig

VICE PRESIDENT, CORPORATE DEVELOPMENT

Joe Carroll

VICE PRESIDENT, FINANCE

Brad Lough

VICE PRESIDENT, HUMAN RESOURCES

Wendy Entwistle

VICE PRESIDENT, INFORMATION TECHNOLOGY

Nelson Wiscovitch

CONTROLLER

Randy Best

Volume 96, number 1, January 2007. ARCHITECT® (ISSN 0746-0554; USPS 009-880), formerly published as *Architecture*®, is published monthly, except for two issues in October and a combined issue for November/December, by Hanley Wood, LLC, One Thomas Circle, N.W., Suite 600, Washington, DC 20005. Copyright 2007 by Hanley Wood, LLC. Printed in the USA.

Periodicals postage paid at Washington, D.C., and at additional mailing offices.

POSTMASTER: Send address changes to ARCHITECT, P.O. Box 3572, Northbrook, IL 60065-3572.

Canadian Post International Publication Mail Sales Agreement No. 40655599. Send undeliverable Canadian addresses to Deutsche Post Global Mail, 4960-2 Walker Road, Windsor, ON N9A 6J3.

hanleywood



grab mold by the spores

www.getmoldfacts.com

Myth: Mold-resistant building materials are the answer to the mold issue.

Fact: Mold-resistant products are used only for a limited measure of protection should a system failure allow moisture to develop. Product solutions are just one element of a larger strategy focused on sound design and construction practices.

Want to learn more of the myths? Get the whole story at www.getmoldfacts.com.



Control moisture. Control mold.

Circle no. 56 or <http://architect.hotims.com>

©2006, USG Corporation



Amvic is already the easiest choice



- Strongest form on the market
- In-house engineering support
- Extensive technical information

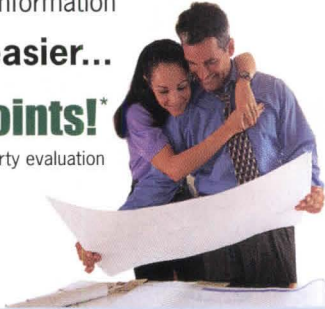


Now it's even easier...

Get up to 28 LEED points!*

*Based on third party evaluation

amvic
building system
stronger every day



Call today for more information

1.877.470.9991 ext. 118

www.amvicsystem.com

Circle no. 394 or <http://architect.hotims.com>

ARCHITECT

GROUP PUBLISHER

Patrick J. Carroll
pcarroll@hanleywood.com
630.705.2504

PUBLISHER

Russell S. Ellis
rellis@hanleywood.com
202.736.3310

REGIONAL SALES MANAGER, MID-ATLANTIC AND SOUTHEAST

Nellie Callahan
ncallahan@hanleywood.com
202.736.3320

REGIONAL SALES MANAGER, WEST

Megean Coldwells
mcoldwells@hanleywood.com
626.577.0021

REGIONAL SALES MANAGER, MIDWEST

Michael Gilbert
mgilbert@hanleywood.com
630.705.2589

NORTHEAST AND INTERNATIONAL SALES MANAGER/NATIONAL

ADVERTISING MANAGER, LIGHTING
Cliff Smith
csmith@hanleywood.com
917.705.3439

REGIONAL SALES MANAGER, CANADA

D. John Magner
jmagner@yorkmedia.net
613.832.0576

ACCOUNT MANAGER, CANADA

Colleen T. Curran
ctcurran@yorkmedia.net
613.832.0576

FINANCIAL ANALYST/ SALES DATABASE MANAGER

Christina Covington

RESOURCE AND CLASSIFIED SALES

ACCOUNT MANAGER
Drew Ferrara
aferrara@hanleywood.com
202.736.3343

MEDIA KITS/CEU CLIENT SERVICES

Lisa Hirata
lhirata@hanleywood.com
630.705.2642

ANNUAL SUBSCRIPTION RATES

USA: \$59.00; Canada: \$69.00
Other countries: \$199

SINGLE-COPY PRICES

USA: \$10.00
Other countries: \$20

SUBSCRIPTION INQUIRIES, CUSTOMER SERVICE, AND BACK-ISSUE ORDERS

arch@omeda.com
888.269.8410 (toll-free in USA)
or 847.291.5221
Allow six to eight weeks for
delivery of first issue.

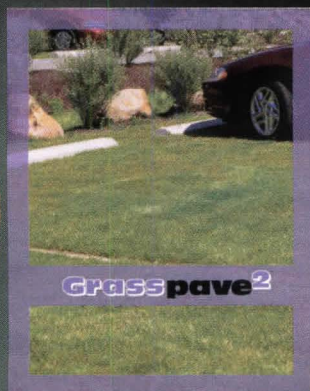
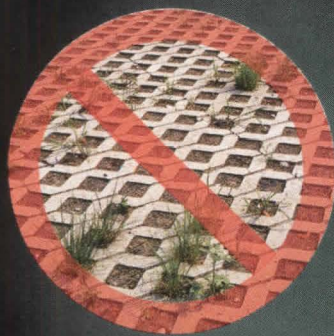
ADDRESS CHANGES

ARCHITECT
P.O. Box 3572
Northbrook, IL 60065-3572

REPRINTS

FosteReprints
866.879.9144

Don't Do It Half-Grassed!



Grasspave2 (right) has 100% grass coverage, 5721 psi compressive strength, 92% void space for the healthiest root zone, and is made from 100% recycled plastic. Gravelpave2 (not shown) is beautiful too!

800-233-1510
invisiblestructures.com



Circle no. 400 or <http://architect.hotims.com>

HANLEY WOOD, LLC, is publisher of AQUATICS INTERNATIONAL, BIG BUILDER, BUILDER, BUILDING PRODUCTS, CONCRETE & MASONRY CONSTRUCTION PRODUCTS, CONCRETE CONSTRUCTION, THE CONCRETE PRODUCER, CUSTOM HOME, EL NUEVO CONSTRUCTOR, THE JOURNAL OF LIGHT CONSTRUCTION, MASONRY CONSTRUCTION, MULTIFAMILY EXECUTIVE, POOL & SPA NEWS, PROSALES, PUBLIC WORKS, REMODELING, REPLACEMENT CONTRACTOR, RESIDENTIAL ARCHITECT, and TOOLS OF THE TRADE magazines.

DISCLOSURE ARCHITECT® will occasionally write about companies in which its parent organization, Hanley Wood, LLC, has an investment interest. When it does, the magazine will fully disclose that relationship.

PRIVACY OF MAILING LIST Sometimes we share our subscriber mailing list with reputable companies we think you'll find interesting. However, if you do not wish to be included, please call us at 888.269.8410.

YOUR VISION. YOUR PROJECT. YOUR **LIGHTING** SOLUTION.



BFL255



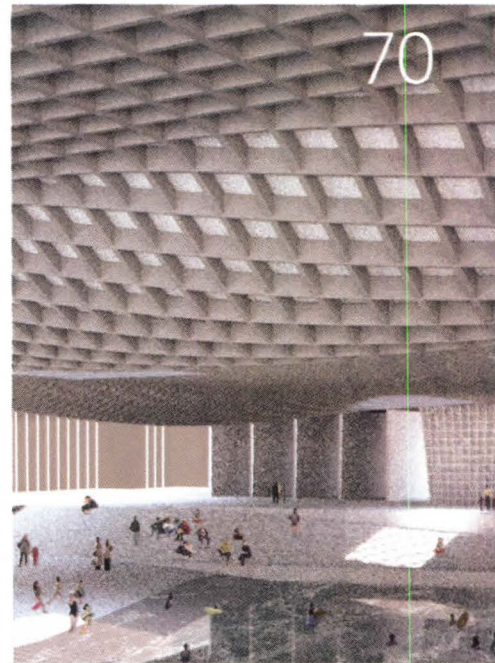
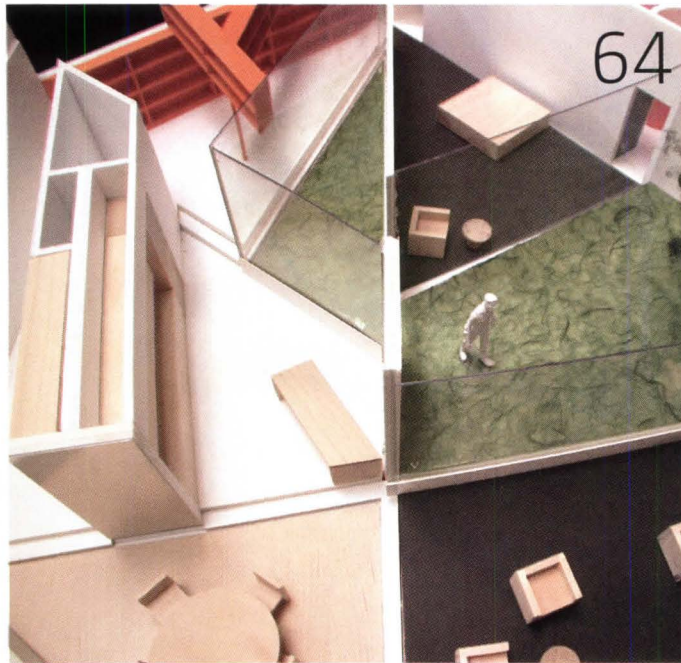
lighting design: Tillotson Design Associates photography ©2006 Elizabeth Felicella

retail / commercial / institutional / hospitality / residential

manufacturers of quality lighting products tel 714.230.3200 fax 714.230.3222
Circle no. 391 or <http://architect.hotims.com>

bartcoLIGHTING.com

CONTENT



FEATURES

Special Coverage:

49 **54th Annual P/A Awards** KATIE GERFEN

The eight winning projects of this year's P/A Awards competition span the globe, from Little Rock, Ark., to North Tripoli, Lebanon, and represent the ultimate in progressive, people-centered design and community building.

AWARDS

52 **Marc Boutin Architect**
The Calgary Centre for Global
Community
Calgary, Canada

58 **Aziza Chaouni**
Hybrid Urban Sutures
Medina of Fez, Morocco

64 **Michael Maltzan Architecture**
Pittman Dowell Residence
La Crescenta, Calif.

70 **Office dA**
Villa Moda: New Kuwait Sports
Shooting Club
Kuwait City

CITATIONS

76 **Hariri Pontarini Architects**
Bahá'í Mother Temple for South
America
Santiago, Chile

78 **Hashim Sarkis**
Bab Tebbaneh School for Working
Children and for Women
North Tripoli, Lebanon

80 **Studio Luz Architects**
Campus d'Espoir
Port-au-Prince, Haiti

82 **University of Arkansas
Community Design Center**
Good Shepherd Ecumenical
Retirement Community
Little Rock, Ark.

THE MOST
PRESSING
QUESTION THAT
FACES THE JURY
EACH YEAR IS ...
"WHAT DOES
IT MEAN FOR A
PROJECT TO BE
WORTHY OF A
P/A AWARD?"

From "54th Annual P/A Awards,"
page 49

ON THE COVER



Architect Aziza
Chaouni, Aga
Khan Visiting
Fellow at
Harvard's
Graduate
School of

Design, won a P/A Award for her
research on modernizing the
Medina of Fez, Morocco. Photo
by Kent Dayton.

15 Year
Fully Transferable
WARRANTY

*Moonscape.
World's away from the ordinary.*

Take your designs to a new altitude with LG HI-MACS Acrylic Solid Surfacing. Experience the improved color palette. The surreal color selections are just the thing you need to make your projects out of this world. All LG surfaces are backed by the industry's longest 15-year transferable warranty, offering your clients a superior value and lasting luxury, making them a choice that is very down to earth!

866 / LGHI-MACS
www.lgcountertops.com
www.lgvolcanics.com

LG HI-MACS
Acrylic Solid Surface

LG HI-MACS
Volcanics

Circle no. 42 or <http://architect.hotims.com>

ARCHITECTURAL MESH SYSTEMS

System: Space Sculpting
Attachment: Frame
Metal Fabric: Plait
Project: Austin Convention Center,
Austin, TX
Architect: Barnes Gromatzky
Kosarek Architects



A warm welcome flows from transparent walls. Light blossoms where there was darkness, curves swim from where there were corners. Excitement, vision, power.

Shading, cooling, ventilating.

Space Sculpting systems will comply with your imagination unlike any other material you've ever worked with.

TOLL FREE 1 866 806 2385
WWW.CAMBRIDGEARCHITECTURAL.COM

C A M B R I D G E
ARCHITECTURAL

A DIVISION OF CAMBRIDGE INTERNATIONAL

Earn 1-hour AIA learning credit online today. Visit architectces.com/cambridge

Circle no. 24 or <http://architect.hotims.com>



You're just a click away from the No. 1 source for information on natural stone.

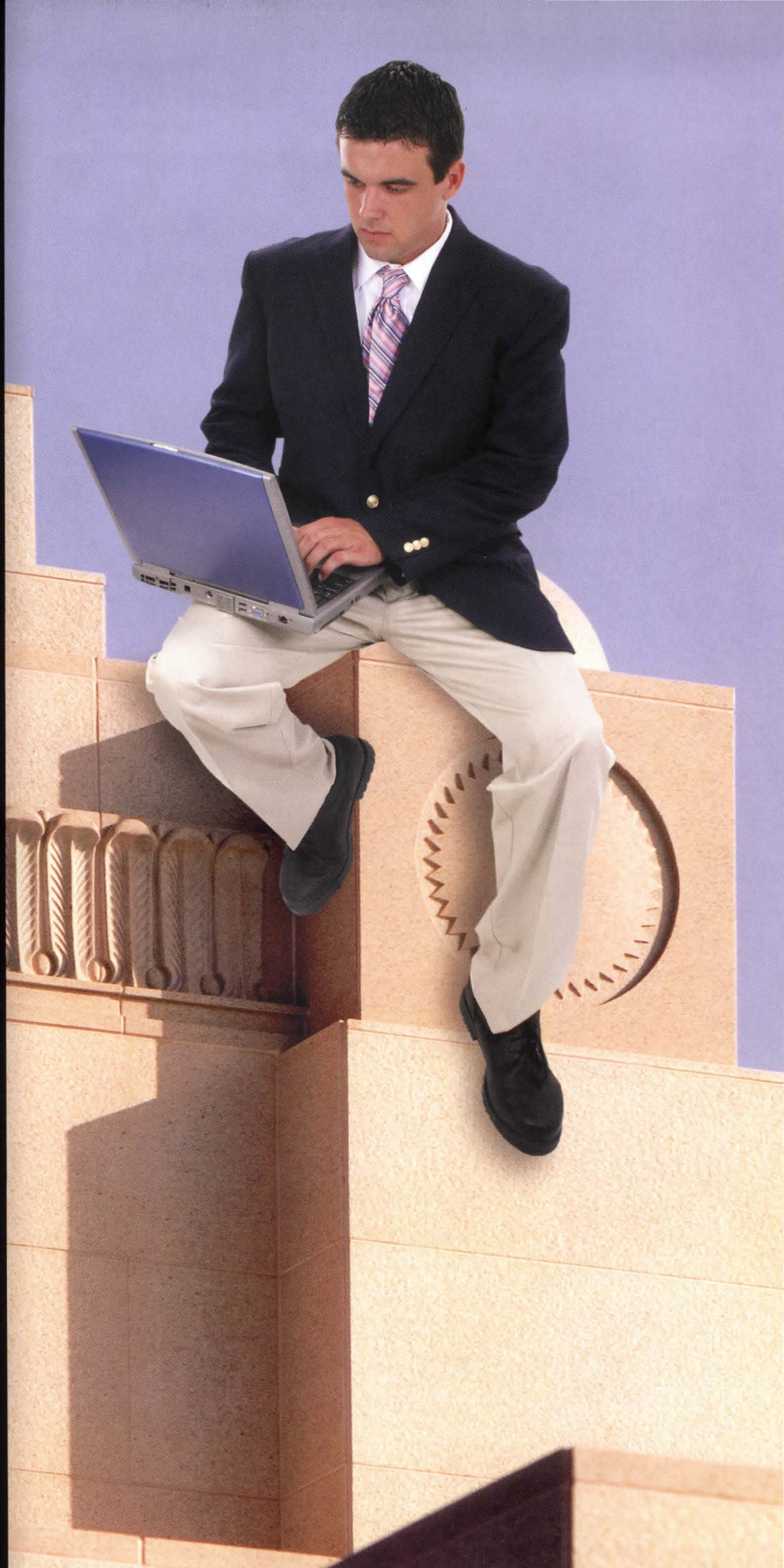
For a beautiful stone-clad building full of information regarding natural stone, both residential and commercial applications, all you need to know is www.marble-institute.com.

The Marble Institute of America's newly updated web site has it all, including an online bookstore with many stone industry publications including the *MIA Dimension Stone Design Manual*, the world's premier resource when it comes to using granite, marble, limestone, travertine and other natural stones.

On our web site, you'll also find a wealth of listings for technical bulletins, videos and other materials that can help you create exciting applications with natural stone.

There's also an easy-to-use locator directory for residential stone fabricators/installers and commercial contractors/installers and links to a variety of other resources of importance to users of natural stone.

Need real information about real stone? There's only one place to go: www.marble-institute.com, the official web site of MIA, representing more than 1500 of the leading natural stone companies worldwide.



**MARBLE
INSTITUTE**
of America

Marble Institute of America
28901 Clemens Road • Suite 100
Cleveland, OH 44145
Phone: 440.250.9222
Fax: 440.250.9223
www.marble-institute.com

Circle no. 44 or <http://architect.hotims.com>

CONTENT

RIGHT A portable module for distance education, designed by architecture students at Clemson.

FAR RIGHT The China Central Television Headquarters by Dutch firm OMA, currently on exhibit at MOMA.



KATHERINE SEAMAN

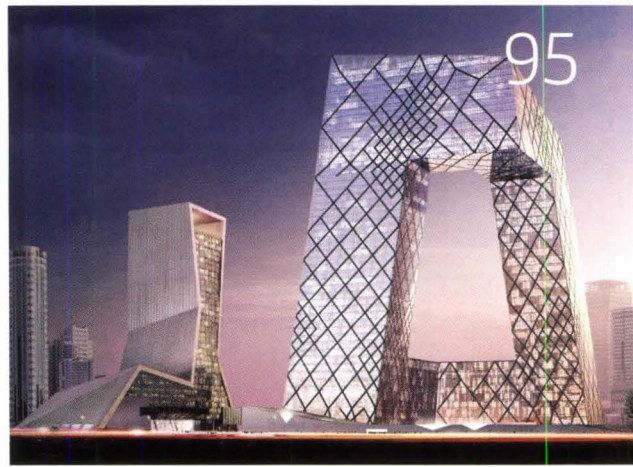
34

REPORT

- 18 **News**
GSA names Leslie Shepherd chief architect; associations' capital campaigns begin; Berlin court rules in architect's favor; and more ...
- 28 **Market Intelligence**
Cleveland and nationwide
- 34 **Screen Capture**
Clemson's Architecture Studio 451 pursues an open-source model of education.
Braulio Agnese

DEPARTMENTS

- 37 **Practice** Rockwell Group
Allison Hecht's six tips for staying in high demand. *Fred Bernstein*
- 39 **Planning** Letter From San Diego
A landmark planning initiative — with the city as a development partner — grinds to a halt.
Lee Bey
- 43 **Portfolio** Behnisch Architects
A German firm's L.A. office hits the green-movement sweet spot. *Jacob Ward*
- 104 **Q&A** Aziza Chaoui
The P/A Award winner talks about her approach to reviving the ancient city of Fez, her hometown. *Amanda Kolson Hurley*



OFFICE FOR METROPOLITAN ARCHITECTURE

95

CULTURE

- 91 **Object Lesson**
Pierre Turin's 1925 souvenir medallion
- 93 **Books**
Seventy-five years of the Italian journal *Domus* reprinted, *Eero Saarinen: Shaping the Future*, and more ...
- 95 **Exhibitions**
OMA in Beijing, Tijuana as a postmodern paradigm, new directions for sustainable architecture, and more ...
- 99 **Events**
A month or two in the life of the profession

WWW.ARCHITECTMAGAZINE.COM

ARCHITECT ONLINE

- **Education**
Hanley Wood's Continuing Education Center is an easy way to stay sharp with ongoing education. Click on "Resources."
- **Divine Details**
Visit the ARCHITECT online gallery of construction details, see entries from AIA Chicago's annual Divine Details competition, and submit your own details.

VERSATILE

FIRE-RATED GLASS CERAMIC

FireLite[®]

FAMILY OF PRODUCTS

- PERFECT ALTERNATIVE TO WIRED GLASS
- AVAILABLE WITH HIGH IMPACT SAFETY RATINGS
- FIRE-RATED FOR UP TO 3 HRS IN DOORS
(90 MIN. IN OTHER APPLICATIONS)
- MAY BE STOCKED AND CUT BY LOCAL DISTRIBUTORS
- CLEAR AND WIRELESS
- PASSES REQUIRED HOSE STREAM TEST

CALL OR VISIT US ONLINE
FOR YOUR FREE BROCHURE

1-888-397-FIRE (3473)
FIREGLASS.COM

SALES@FIREGLASS.COM



 **TGP**
Technical Glass Products[®]

WHAT DOES PROGRESSIVE MEAN?



NANCY FROELICH

Ned Cramer
Editor in Chief

FIFTY-FOUR YEARS HAVE PASSED since the editors of *Progressive Architecture* magazine hosted the first P/A Awards jury. The profession has come a long way since then, and the venue of the P/A Awards program has changed as well—moving from *Progressive Architecture*, to *Architecture*, and now to *ARCHITECT*—but the mission of the awards remains the same: to recognize risk-taking practitioners and, more broadly, to promote progress itself in the field of architecture. *ARCHITECT* embraces this mission without hesitation. The P/A Awards will continue to flourish in these pages.

The P/A Awards matter to the profession, and not just because they've been around for more than half a century. The very best of institutions can stagnate. What makes the P/A Awards any different?

As contributor Katie Gerfen notes in the introduction to this year's presentation, which starts on page 49, the P/A Awards are designed to evolve with the times: "Every year, five respected members of the design community sit down in a room for two days to determine the current meaning of the words 'progressive architecture' and select projects that fit their definition."

Each round of the P/A Awards sees new jurors, new projects, new talent, and new priorities for the profession. Change is the constant. The P/A Awards, in other words, embody the profession's faith in progress—the unceasing, collective desire to question, rethink, and improve on the status quo. It takes more than a magazine, or a group of jurors, to keep the faith. Progress is the responsibility of the profession as a whole. The P/A Awards, in the end, are a meaningful institution because architects continually pursue the next best idea and bravely submit their findings to a jury of their peers. Everyone should try it.

Ongoing Evolution

As *ARCHITECT* enters 2007, one of our New Year's resolutions is to launch a series of regularly appearing departments that will reinforce the magazine's utility for readers. First up is Best Practices ("Business Development 101," page 37), which will offer proven business strategies from experts in all areas of architectural practice. Over the coming months, you'll see other departments—focused on such core professional issues as sustainability, specifications, education, professional service, and business strategies—make their debuts. Be sure to let us know what you think.

Ned Cramer
Editor in Chief

Study of Leaders

We enjoy the raw energy and fresh vibe that *ARCHITECT* resonates and reverberates. And we love that you are representing architects as a fluid community. Our community comprises a vast spectrum: from rock star architects to the faceless process that delivers greatness.

Our industry is defined not by outcome, but by discussion, forum, venue, and dreams. To ask, "Where is all this talking going?" is exactly the wrong question. Perhaps the "talking" is the destination, and perhaps the result—whether a building, a report, a company agenda, or the corporate holiday card—is both intangible and tangible. Both

process and product. Both architect and architecture.

ARCHITECT seems to be based on the exciting premise that humanity and individuals are behind the field of design. And that is what everyone should know more about—hence your mention of Brad Pitt ["Brad Pitt Picks Matthew Berman, Andrew Kotchen," Premier Issue, page 32] and Adrian Smith ["Adrian Smith Leaves SOM," page 38] within the same couple pages, hence your study of companies and their leaders, not just their portfolios.

Anthony Poon
POON DESIGN
apoon@poondesign.com

Vision and Greater Purpose

As an "architecture buff" like Brad Pitt, I read *ARCHITECT* with rapt attention.

Right from the beginning, you had me. You used many classical and historical references, underscoring the ancient roots of the practice of architecture. Over and over again, you emphasized the greater purpose and vision of the architect's profession.

The cover photo by Peter Rad (great photographer!) of SOM's Ross Wimer [one of the subjects of "Seven-Point Perspective," Premier Issue, page 82], with his head turning to dexter, is a classical Greek and Roman sculptural pose. You quoted from Marcus Vitruvius Pollio's *De architectura* on the premise of architecture in your "For Starters" column [page 20]. Even one of your advertisers, Haddonstone, quoted Goethe: "Architecture is frozen music."

I am one of those "strange creatures who labor on the periphery" of architecture. As a commercial mortgage broker, I make it a practice to provide financing for architecturally significant projects whenever possible. I am especially concerned that the projects I finance make a contribution to society.

Greater purpose and vision are the drivers of all human achievement. *ARCHITECT* is ripe with vision.

Dan Conrad
Smith-Crane Finance
dan@smithcrane.com

More Than a Pretty Face

The new mag is great; however, it appears you have to be good looking and on the football team to grace the cover.

I guess most of us will be in the marching band! Seriously, good luck with the new endeavor.

Kimmo Sahakangas
ksahakangas@bpsonline.info



SIKA
SARNAFIL

Big news overhead.

Starting now, you'll find the world's premiere roofing and waterproofing solutions marketed under a new name: Sika Sarnafil. That's because Sarnafil—provider of high-quality systems for over 40 years — is now part of Sika, Europe's largest thermoplastic roofing manufacturer and a global leader in construction solutions. As Sika Sarnafil, we still deliver the same time-tested products and worry-free warranty coverage you've come to rely on. But now, we're working together to bring you more innovation, more solutions and more choices than ever before—all under one roof. Now, when it comes to finding new ways to meet your roofing and waterproofing needs, the sky's the limit.



Sika Sarnafil Inc., 100 Dan Road, Canton, MA 02021
Tel. 1-800-451-2504, Fax: 781-828-5365, www.sikacorp.com
Circle no. 397 or <http://architect.hotims.com>

Sarnafil®

Illustration

Ken Roberts Delineation Competition Has Biggest Year Yet

Annual U.S. architectural contest considers international reach



One of two illustrations by Perkins + Will architect Nathan Freise that were named Best of Show.

IF THE RESULTS OF THE 2006 KEN ROBERTS Memorial Delineation Competition (KRob) are any indication, the art of architectural illustration in the United States remains strong. But future entrants may face competition from around the globe.

Established in 1973 by the Dallas chapter of the American Institute of Architects, the contest is the oldest active architectural delineation competition in the world. (The name is a tribute to Ken Roberts, the Dallas architect who created it. Roberts died in 1974 at age 34.) Open only to U.S.-based architects and illustrators, its visibility has grown bit by bit over the years, says John Hale, KRob's chairman and the director of interactive media at Dallas-based architecture/construction/development firm The Beck Group. Hale is the first nonarchitect to head the competition.

For its latest iteration, the contest went online with a website and offered the opportunity to submit entries digitally. "Architects are so busy," says Hale, "it seemed a good time to allow the digital communication of images. We want architects to show us what they're doing." KRob also partnered with the well-known architecture website Archinect to promote the competition. The results were astounding. "We had a 600 percent increase over last year's entries," says Hale, noting that the final number of illustrations totaled several hundred.

The winner of the 2006 competition, named in early November, is Nathan Freise, a 26-year-old architect in Perkins + Will's Chicago office. Hale says the three-member jury found Freise's two entries (shown above and on page 24) so compelling that both were

→ continued on page 24

Federal Construction

GSA's Leslie Shepherd Appointed Chief Architect

Agency veteran gets the nod; Thomas Gordon Smith given salaried fellowship



THE U.S. General Services Administration (GSA) has appointed Leslie Shepherd, an 18-year agency veteran, as its chief architect, dispelling rumors that the post would go to a traditionalist architect from Indiana, Thomas Gordon Smith ("Jury Is Out on GSA's Choice for Chief Architect," Premier Issue, page 28).

Shepherd, who has a B.Arch. from Texas Tech University, started in the agency's San Francisco office. Before that, he ran his own architectural practice in Albuquerque, N.M. From 1997 to 2001, he served as deputy under the GSA's previous chief architect, Edward Feiner, and he was director of the agency's federal buildings and modernizations program from 2001 to 2005. Since Feiner's retirement in early 2005, Shepherd has been the acting chief architect, overseeing nearly 200 federal building projects valued at \$12 billion.

Shepherd says he hopes "to maintain the headway we've already made with design excellence, and take it to the next level, in terms of meeting sustainability goals, and keeping on schedule, on budget." Staying on budget "has been tough for us and the entire industry" in recent years, he says.

As chief architect, Shepherd, 49, will head the celebrated Design Excellence Program that Feiner established in 1994. The program streamlined the GSA's design-review process to attract more architectural talent. Feiner enlivened the once-moribund federal portfolio with commissions by such progressive architects as Richard Meier, Carol Ross Barney, and Thom Mayne, as well as by blue-chip classicists like Robert A.M. Stern and Scott Merrill.

"Les is extremely dedicated to the [Design Excellence] program," says Feiner, now a director at Skidmore, Owings & Merrill's Washington, D.C., office. "And he's well balanced in terms of his outlook. He does not have a prejudicial agenda for any particular style of architecture or a particular period."

In September, *The Wall Street Journal* reported that the GSA would appoint Smith, a proponent of classical architecture who teaches at the University of Notre Dame, as chief architect. Instead, the agency gave the job to Shepherd and awarded Smith a salaried architectural fellowship. The GSA also hired another practicing architect, Robert Fraga, to manage its capital construction program.

In an e-mailed statement, agency spokeswoman MaryAnne Beatty wrote that Smith will "[work] with the Office of the Chief Architect to ensure that the ... full range of design approaches are incorporated early in discussions.... Both [Smith's and Shepherd's] appointments will ensure that the full spectrum of architects will be hired to do work for the GSA." AMANDA KOLSON HURLEY

IF YOU HAD USED DELTA®-DRY, YOUR WALLS COULD HAVE DRAINED AND DRIED THEMSELVES.

Only DELTA®-DRY has a unique two sided structured design that enables above grade wall assemblies to drain and dry much faster than traditional weather barriers. DELTA®-DRY weather barrier also allows air to circulate through, thus removing any residual moisture, virtually eliminating the threat of mold and water damage in wall assemblies. DELTA®-DRY. If it wasn't so ingenious, you'd think it was pure genius.

DELTA®-DRY
LIVE DRY

Circle no. 395 or <http://architect.hotims.com>



1-888-4DELTA4
DELTADRY.com

Foreign Law

German Court Rules for Architect Deutsche Bahn must rebuild train station according to original plans



DEUTSCHE BAHN AG

At issue were the ceiling panels in the station's lower platforms.

THE HAUPTBAHNHOF, Berlin's main train station, opened to great fanfare in May 2006 after more than a decade of construction. But if a court ruling stands, it will need to undergo some reworking—possibly several years' worth.

In fall 2005, Meinhard von Gerkan, a principal at German firm Gerkan, Marg + Partners (GMP) and the Hauptbahnhof's designer, sued station owner Deutsche Bahn AG when it altered his plans. The rail company shortened the length of the station's upper platform hall and changed the ceilings of the subterranean platforms from vaulted arches to flat panels (the new ceiling design is by Winkens Architekten). Deutsche Bahn claimed these changes were necessary to keep costs down on the \$915 million development.

On Nov. 28, 2006, Judge Peter Scholz of the Berlin District Court ruled in von Gerkan's favor on the issue of the ceilings. According to the Nov. 30 Berlin edition of *The Times*, the court said the station was a "work of art" and noted that even if Deutsche Bahn paid the bills, it shouldn't be allowed to alter the approved blueprint.

Deutsche Bahn has appealed the decision, saying that returning the ceilings to the original design would cost \$53 million dollars, would take years to finish, and would interfere with train schedules. GMP counters that it would cost, at most, \$26.5 million and would not cause any disruption.

If the ruling is affirmed, it will set a precedent in German intellectual property law, strengthening architects' arguments that their designs have the same rights as other works of art and cannot be "defaced," as Judge Scholz described the station after Deutsche Bahn's change.

Both Germany and the United States belong to the World Intellectual Property Organization's Berne Convention for the Protection of Literary and Artistic Works, which includes architecture as a separately protected category, but will the ruling have any effect on similar lawsuits in the United States? Not really, says David Barker, an attorney at South Pasadena, Calif.-based law firm Collins, Collins, Muir & Stewart who represents architects. At best, he says, citing the Berlin decision "might be a footnote type of argument." Barker also notes that if a U.S. court ruled in favor of an architect in a similar case, it would probably offer an "adequate remedy of law"—generally, the payment of monetary damages.

Associations

AIA and AIAS Launch Capital Campaigns Nonprofits seek to raise \$15 million and \$2 million, respectively

TWO NATIONAL ARCHITECTURE NONPROFITS, the American Institute of Architects (AIA) and the American Institute of Architecture Students (AIAS), both based in the same Washington, D.C., office building, have kicked off individual capital campaigns.

The AIA, which celebrates its 150th anniversary this year, hopes to raise a minimum of \$15 million and to have most of the amount secured before National Architecture Week in April.

The funds will support a range of initiatives, such as bringing the AIA headquarters up to LEED standards; restoring the adjacent Octagon, the 1801 National Historic Landmark and house museum; and a nationwide community service program called Blueprint for America, in which AIA chapters partner with state and local governments to address issues including sprawl and affordable housing.

Nancy Van Gulick, senior director of corporate relations at the AIA, says she is confident that the campaign—called AIA150—will meet its goal. "We get a lot of

corporate support, and support from large architecture firms, small architecture firms, and a lot of individuals," she says. "Everyone's just jumping in, and it's been great."

The AIAS—a separate organization that turned 50 in 2006—has quietly launched a capital campaign to support its Freedom by Design program. Student participants in that program work one on one with people who are disabled and need small modifications made to their homes. The students do the construction work themselves, under the supervision of mentor architects and tradespeople.

"Right now [Freedom by Design] is at 25 campuses, growing to about 50 over the next year," says the executive director of the AIAS, Michael Geary. "The purpose of our campaign is to build awareness of that program and ultimately to support it perpetually."

Geary says the group aims to raise \$2 million. "Our goal is achievable—and, we hope, in a shorter time period than might be typical," he says. The AIAS plans to make a formal announcement of its campaign some time this spring. AMANDA KOLSON HURLEY

Clips

The American
Institute of
Architect's
Architecture

Billings Index for October was 51.1 (any score over 50 indicates an increase in billings), while the index of inquiries for new projects was 62.7. By region, the West led the way with a billings index of 52.2; the Northeast, at 47.1, had only its second decline in billings since late 2003.

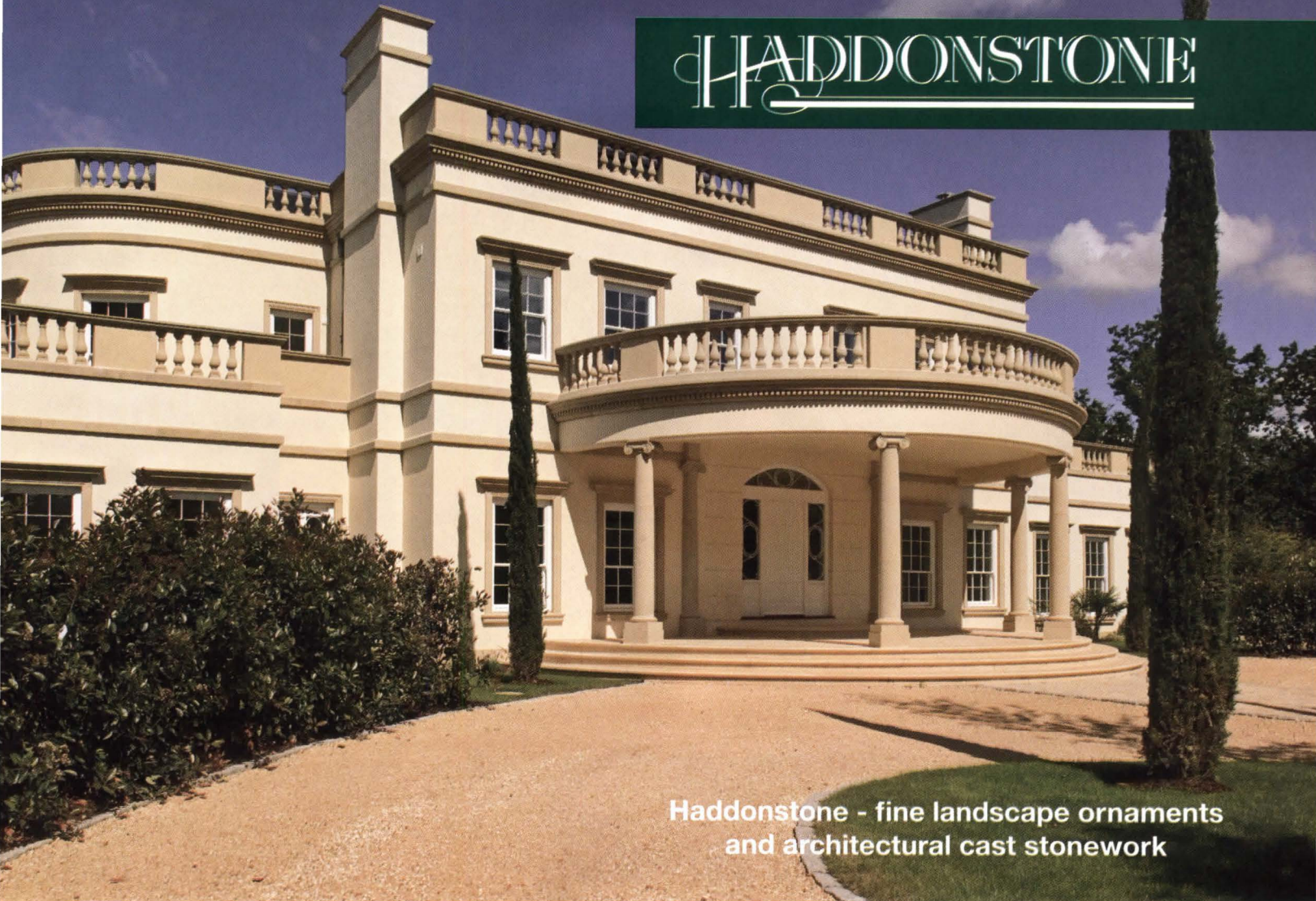
The nation's capital goes green: On Dec. 6, **Washington, D.C.**, became the first major American city to adopt the standards of the **U.S. Green Building Council**. The city council passed a bill requiring that all commercial development of 50,000 square feet or more conform to LEED standards starting in 2012.

In an effort to find an **industry-wide definition of mixed-use development**, the International Council of Shopping Centers, the National Association of Industrial and Office Properties, the Building Owners and Managers Association International, and the National Multi Housing Council collaborated on a cross-member survey this summer that totaled 1,004 respondents. The new working definition for these four associations: "A mixed-use development is a real estate project with planned integration of some combination of retail, office, residential, hotel, recreation, or other functions. It is pedestrian-oriented and contains elements of a live-work-play environment. It maximizes space usage, has amenities and architectural expression, and tends to mitigate traffic and sprawl." So now you know.

Architect and critic **Peter Blake**, a former editor of *Architectural Forum* and the designer of many houses in the Hamptons on Long Island, died on Dec. 5, 2006, in Connecticut. He was 86.

→ continued on page 22

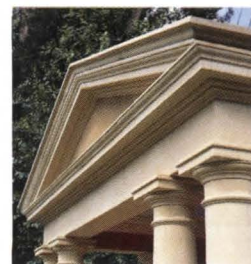
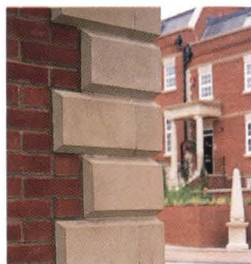
HADDONSTONE



**Haddonstone - fine landscape ornaments
and architectural cast stonework**

If you seek high performance from cast stone, look no further than Haddonstone's collection of designs ranging from balustrading, quoins, porticos and window surrounds to statues, fountains, copings and landscape ornaments.

We also pride ourselves on our custom architectural designs. Contact us for our inspirational new 200 page catalog. We also offer a CD Rom containing our catalog, technical specification sheets, assembly advice, CAD drawings and video.



Haddonstone (USA) Ltd, 201 Heller Place, Bellmawr, NJ 08031 Tel: (856) 931-7011
Haddonstone (USA) Ltd, 32207 United Avenue, Pueblo, CO 81001 Tel: (719) 948-4554
info@haddonstone.com www.haddonstone.com

Circle no. 59 or
<http://architect.hotims.com>

REPORT NEWS

Clips

Last fall, the Landmarks Preservation Council of Illinois announced its 2006 Richard H. Driehaus Foundation Awards. Among the nine winners were, as project of the year, the restoration of Ludwig Mies van der Rohe's S.R. Crown Hall in Chicago, by **Krueck & Sexton Architects**, and, for lifetime achievement, **Donald Kalec** of the School of the Art Institute of Chicago.

Paul Teicholz will receive the fifth annual Henry C. Turner Prize for Innovation in Construction Technology, awarded by the National Building Museum. Teicholz, a professor emeritus of civil engineering at Stanford University, pioneered computer applications for the construction industry.

The board of the American Institute of Architects and the Association of Collegiate Schools of Architecture has named professor and urban planner **Lance Jay Brown**, currently coordinator of design at the City College of New York, as the 2007 recipient of the Topaz Medallion for Excellence in Architectural Education. The award honors an individual who has made outstanding contributions to architecture education for at least 10 years, whose teaching has influenced a broad range of students, and who has helped educate those who shape the built environment.

AutoCAD developer **Autodesk** has joined with the **U.S. Green Building Council** (USGBC) to increase architects' and engineers' use of technology and to ease further adoption of sustainable design and

green building. As a first step, Autodesk and the USGBC plan to develop an educational curriculum for architecture and engineering students.

In other Autodesk news, on Nov. 13 the company filed suit against the **Open Design Alliance** (ODA)—an industry group that promotes an open standard for the DWG file format used by AutoCAD—alleging that the ODA's DWGdirect libraries infringe Autodesk's "TrustedDWG" technology. On Nov. 22, the U.S. District Court for the District of Washington granted Autodesk's request for a temporary restraining order against the ODA. The order will be in effect until a Jan. 18, 2007, hearing. To comply with the order, ODA released a version of its DWGdirect libraries that does not contain the offending code.

The Clyfford Still Museum in Denver, devoted to the late abstract expressionist artist, has chosen Portland, Ore., firm **Allied Works Architecture** to design its new 30,000-square-foot building.

Two venues for the viewing and discussion of new architectural projects have opened: **Extension** (www.extensiongallery.us), located in Chicago, is "an experimental forum for testing new thought and practice in architecture." **Outlet** (www.outlet4arch.org), based in Los Angeles, is a "medium for an open, informal discourse on architecture and urbanism" that does not have its own space but will instead hold monthly events at a various locations throughout the city.

According to a survey by The Saint Consulting Group, **NIMBYism** remains alive and well, with 70 percent of Americans opposing new development in their communities. However, the level of resistance depends on the type of development: Only 6 percent of respondents balked at new single-family homes, whereas 68 percent opposed Wal-Mart, and 87 percent opposed landfills. The nationwide phone survey of 1,000 randomly chosen people was made in September and early October. More information is available at www.tscg.biz.



burning desire

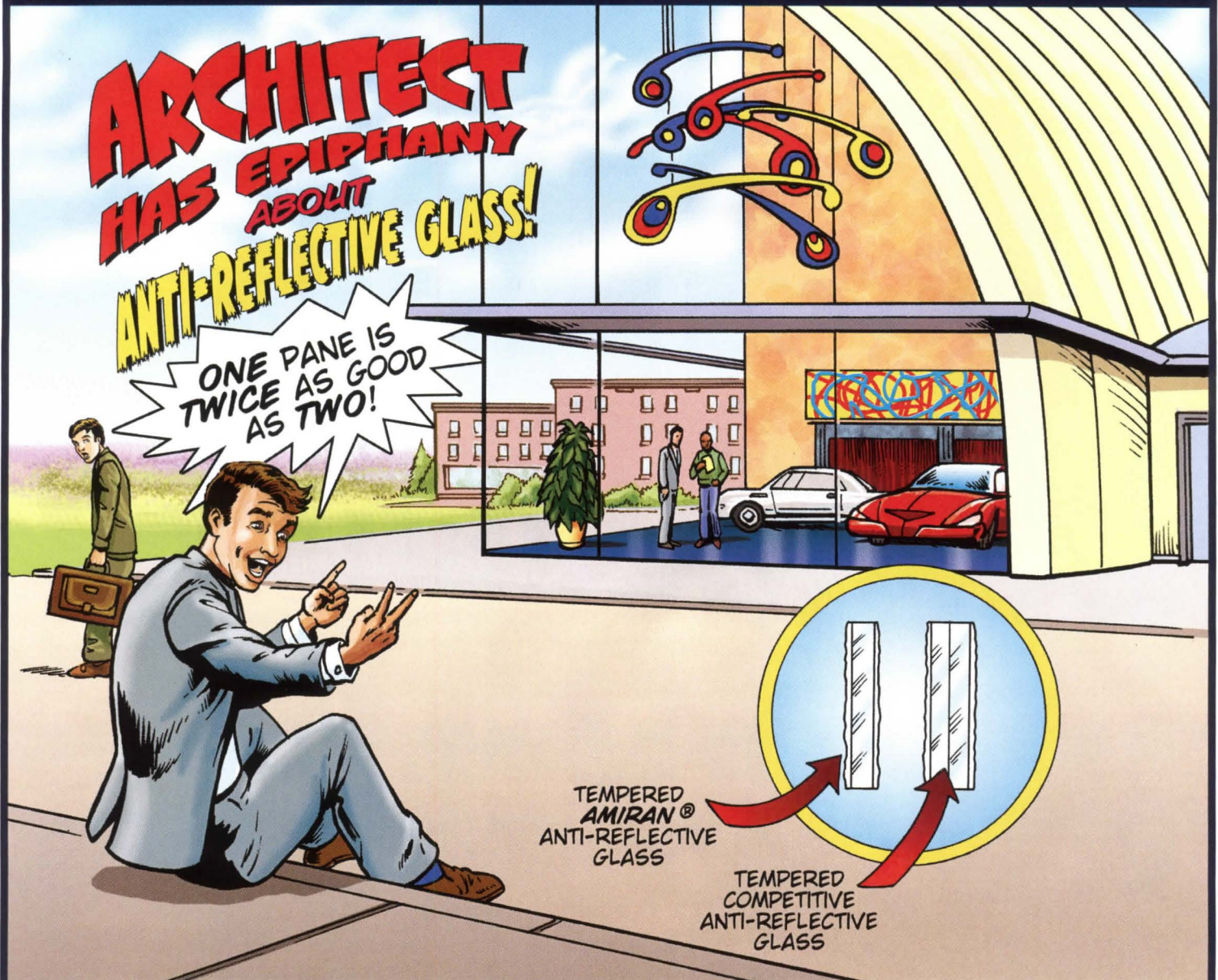
Reinstating the gas fireplace as a choice for the modern home.

Tel. 1.866.938.3846 www.sparkfires.com

Circle no. 398 or <http://architect.hotims.com>



modern fires



Eureka! Other anti-reflective glasses have twice the glare of SCHOTT Amiran®!

Our single-sheet design has some astounding advantages. Amiran® delivers less than 1% reflectivity in tempered applications and less than 2% in insulated applications. That's about half the glare of some other anti-reflective glasses on the market. And when it comes to windloading and ease of fabrication, Amiran® monolithic, tempered anti-reflective glass can have a clear advantage over tempered laminates.

There's something else you can count on – we've been producing architectural anti-reflective glass for over 20 years, so the stunning results Amiran® delivers have been proven to last. See amazing Amiran® for yourself: for a free sample, call 914-831-2243 or visit www.us.schott.com/architecture.

Advanced Materials
SCHOTT North America, Inc.
 555 Taxter Road
 Elmsford, NY 10523
 Phone: 914-831-2200
 Fax: 914-831-2346
 E-mail: amiran@us.schott.com
www.us.schott.com/architecture
 ©2006 SCHOTT North America, Inc.

SCHOTT
 glass made of ideas

REPORT NEWS



Freise's illustrations were originally created for a planned community competition.

→ *Ken Roberts Delineation Competition continued*

named Best of Show, which comes with a medallion and a \$500 cash prize. There were also prizes for hand delineation, digital/hybrid media, and jurors' citations. (A gallery of this year's 37 winners can be viewed at www.krobo6.com. Hale says the administrators are considering publishing a book of the winning illustrations.)

Freise says the illustrations he submitted to KRob were originally produced for a planned community competition in Somerville, Mass. "That didn't go anywhere," he says, admitting, "I think the illustrations were a little too out there for the residents." The renderings, a combination of digital and hand illustration, were created with the help of Freise's twin brother, Adam, who is also an architect at Perkins + Will.

Noting that renderings are a primary reason he chose to become an architect, Freise, who graduated from the University of Kansas School of Architecture and Urban Design, says he is currently applying to graduate schools to study animation. "I want to stay within the realm of architecture," he adds, though he's not sure how animation and his career as an architect will come together.

Because of its web presence, KRob has received increased interest from the international architectural community, and Hale says the administrators are considering taking the competition worldwide.

Are Your Specifications *Obsolete?*



Only BSD Speclink:



Building Systems Design, Inc.

- Verifies and updates **all** reference standards every year
- Immediately updates **every** section affected by a revised standard
- Includes a hyperlink to a free synopsis and a download or purchase opportunity at each citation
- Lets you decide with *one mouse click* whether to include publication dates on all reference standards
- Creates an optional consolidated list of all reference standards in your project - automatically

Our competition doesn't even come close!



Call us today to set an appointment for a free, on-line product demo, or download a free demo at www.bssoftlink.com
Circle no. 23 or <http://architect.hotims.com>

1-888-BSD-SOFT
1-888-273-7638

PRECAST THAT CAN'T BE TYPECAST



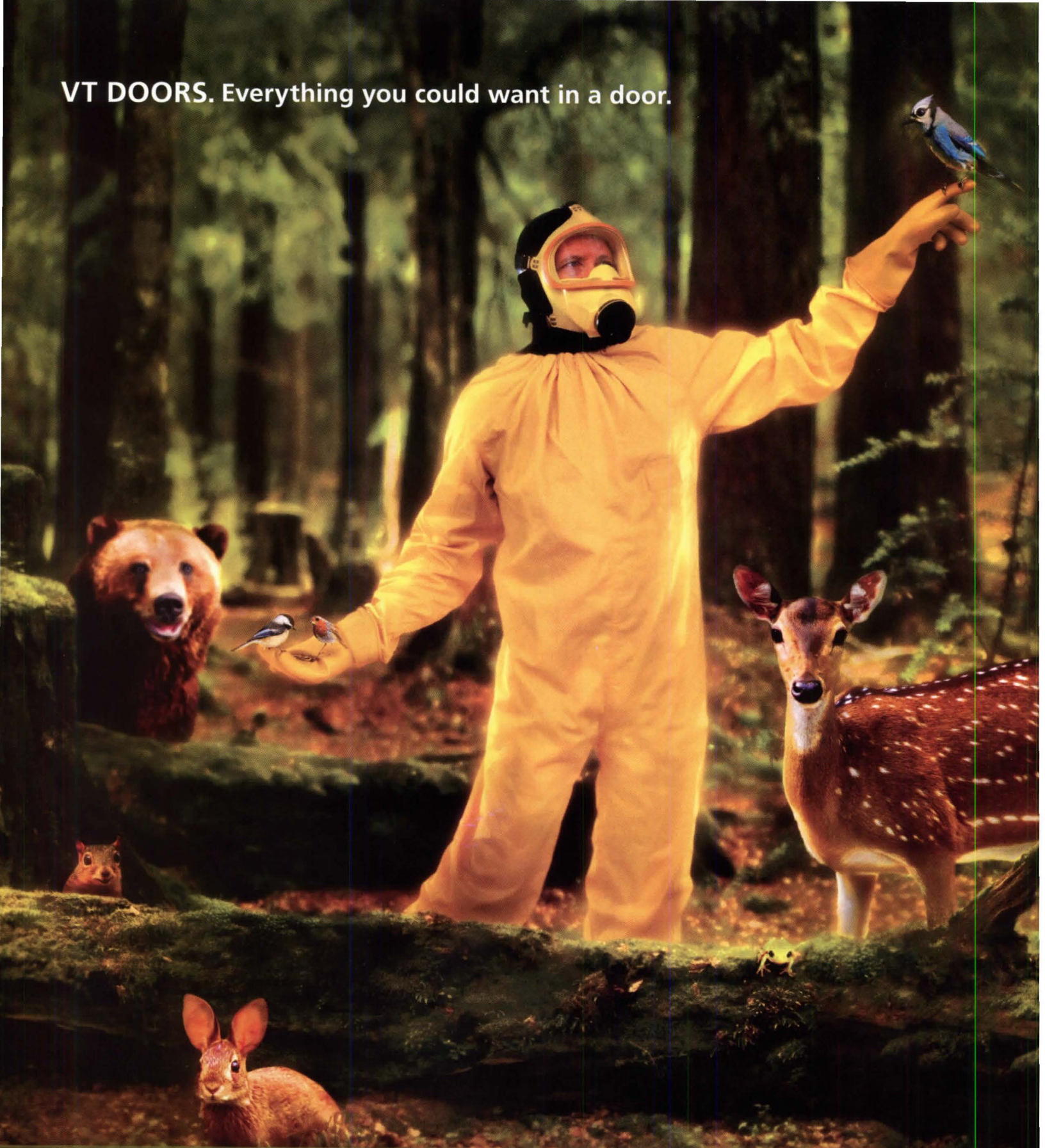
Design architect: Bernard Tschumi Architects, New York, NY and Paris, France
Architect of record: glaserworks, Cincinnati, OH

High lets you take precast concrete farther than you've ever dreamed possible. Using cutting-edge 3D computer models to integrate a complex precast panel geometry with an equally complex steel truss structure, the remarkable Richard E. Lindner Varsity Village at the University of Cincinnati pushes the envelope of precast technology. High's unparalleled commitment to new technology and innovation led to this and advancements such as carbon fiber reinforced CarbonCast™—precast that's stronger, lighter, better insulating, and more durable, allowing a virtually

unlimited selection of colors, textures, and finishes at no additional cost. And the 15'-wide MEGA-Tee deck system, which enables wider spans and more open plans in total precast buildings and parking garages. Visionary structures like the Varsity Village are possible with High's expert technical assistance in all phases of a project, from design to erection. High gives architects the flexibility to explore unique solutions while ensuring a job is completed on schedule and on budget. Call High to learn more about precast that can't be typecast.



VT DOORS. Everything you could want in a door.



X-RAY RADIATION PROTECTION | LEED SUPPORT | SEAMLESS CONSTRUCTION | FLAWLESS AESTHETICS
SEALED RAILS | DOMESTIC HARDWOOD VENEERS | FACTORY FINISH | PRE-DRILLED PILOT HOLES
HOT PRESS TECHNOLOGY | ENVIRONMENTALLY FRIENDLY | MULTIPLE CORE CHOICES



**Architectural
Wood Doors**

[WWW.VTINDUSTRIES.COM](http://www.vtindustries.com)

Circle no. 53 or
<http://architect.hotims.com>

Deadlines Competitions and more

JANUARY 30

EDRA/Places Awards

The annual awards program by the Environmental Design Research Association and the journal *Places: Forum of Design for the Public Realm* recognizes good places and how people inhabit them. Awards are offered in planning, design, and design research.

www.edra.org/awards/places.shtml

JANUARY 31

SEGD Design Awards

The Society for Environmental Graphic Design's annual competition honors the best in environmental graphic design. Categories include themed environments, wayfinding and signage, mapping, public art, identity programs, architectural graphics, and more.

www.smartgrowth.org

JANUARY 31

Shades of Green Leadership Awards

The Shades of Green Leadership Awards recognize the efforts of people in Western Pennsylvania who have contributed to the region's environmental transformation through green leadership within the built environment.

www.segd.org

FEBRUARY 1

Registration Deadline—Traditional Building Design Challenge

The second Traditional Building Design Challenge will occur during the Traditional Building Exhibition and Conference, March 8–10. The American Institute of Building Design, The Institute of Classical Architecture & Classical America, and *New Old House* magazine will task architects and designers to create a new house that would fit into one of Boston's nationally recognized historic districts.

www.traditionalbuildingshow.com

FEBRUARY 5

Design Competition: Universel Temple

The Sufi Order International (soi) announces a design competition for an interspiritual temple at the Abode of the Message located in the Berkshire Mountains near New Lebanon, N.Y. The Abode is the home of the central offices, retreat grounds, and residential spiritual community of the soi.

www.saffronjournal.org/universel

FEBRUARY 8

Registration Deadline—Preservation as Provocation: Redesigning Saarinen's Cranbrook Academy of Art

Presented by the Association of Collegiate Schools of Architecture, this competition invites architecture students to imagine the transformation of Cranbrook Academy's library and museum, designed by Eliel Saarinen. Entries are due May 30.

www.acsa-arch.org

FEBRUARY 9

Cavin Family Traveling Fellowship

The first Cavin Family Traveling Fellowship is a \$10,000 prize for a self-devised program of foreign travel and study. Candidates must have a professional architecture degree from California State Polytechnic University, Pomona, or the University of Oregon and be a U.S. citizen under 35 years of age on March 1, 2007.

www.cavinfellowship.org or 909-624-4051

A FULL LINE OF DOORS WITH
A FULL LINE UP OF FEATURES.
WE'RE SIMPLY THE BEST
OF ALL WORLDS.



**Architectural
Wood Doors**
INDUSTRIES

WWW.VTINDUSTRIES.COM
800.827.1615 Ext. 345

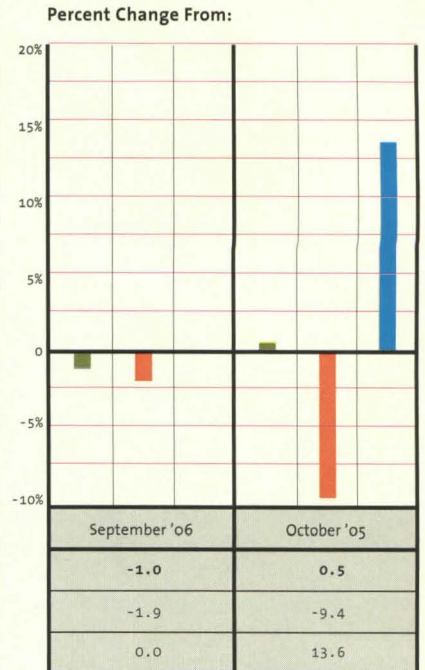
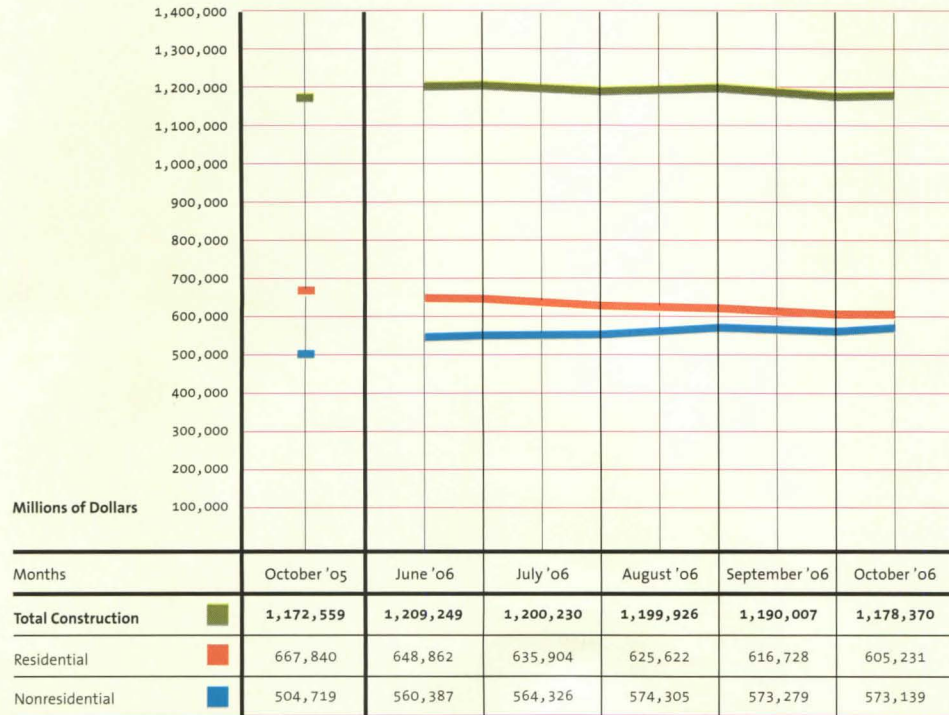


October 2006

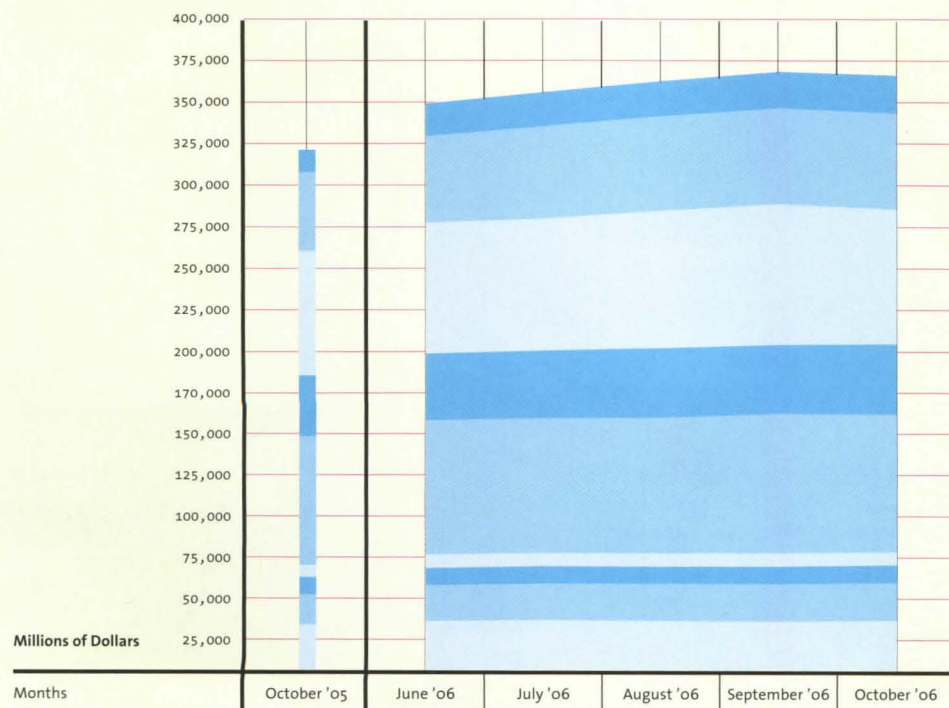
Construction Spending

From the U.S. Census Bureau's monthly report on the value of construction put in place

TOTAL CONSTRUCTION (SEASONALLY ADJUSTED)



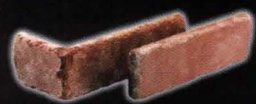
SELECT NONRESIDENTIAL CONSTRUCTION (SEASONALLY ADJUSTED)



Category (October '06 Total)

- Lodging (23,323)
- Office (58,599)
- Commercial (82,210)
- Health care (43,775)
- Educational (84,651)
- Religious (7,968)
- Public safety (11,031)
- Amusement and recreation (23,297)
- Transportation (30,701)

You provide the imagination.



We make it real.

Old Brick Originals™ exposes the beauty and durability of real, kiln-fired brick as a thin-cut solution. Inspired by your vision. Made real by Robinson Brick Company.

**ROBINSON
BRICK
COMPANY**

SINCE 1880

800.477.9002 ■ RobinsonBrick.com/Architect

Circle no. 390 or <http://architect.hotims.com>

Build On.™

Cleveland

Signs of new energy in a slumbering Midwest city



In 2005, *The Economist* ranked Cleveland as one of the two most livable U.S. cities. (Pittsburgh was the other one.)

ALTHOUGH CLEVELAND STILL MAY BE BEST KNOWN for the infamous Cuyahoga River fire of June 1969 and continues to be called “The Mistake on the Lake” in some circles, such cultural irritations are on the wane. “It’s actually a very cool place,” says Bill Doty, principal of Doty & Miller Architects, “with culture, historic buildings, professional sports, and a huge metro park system and beautiful lakefront.”

Those amenities are a nice calling card for “The Metropolis of the Western Reserve” (another of the city’s many nicknames), which is starting to show indications of recovery from an economic slump. “It’s very exciting,” says David Browning, managing director of CB Richard Ellis’ Cleveland office. “We went for 10 years without many new tenants in the market. Now we’ve had several in the past 12 to 18 months.” Joining such perennial jobs leaders as the Cleveland Clinic (24,000-plus employees), the Ford Motor Co. (about 9,300 employees), and Case Western Reserve University (more than 5,300 employees) are substantial newcomers including Quicken Loans and PR Newswire.

“Cleveland is a hidden gem,” notes Amy E. Kellogg, a real estate attorney at Baker & Hostetler. “It’s something the rest of the country hasn’t discovered.” MARGOT CARMICHAEL LESTER

AMENITIES

Cleveland Browns	Football stadium (1999) designed by HOK Sport
Cleveland Cavaliers	Basketball arena (1994) designed by Ellerbe Becket
Cleveland Indians	Baseball stadium (1994) designed by HOK Sport
The Cleveland Museum of Art	Original building (1916) designed by Hubbell & Benes; 1971 addition by Marcel Breuer; ongoing addition/renovation by Rafael Viñoly (expected completion: 2010)
The Cleveland Orchestra	Severance Hall (1931) designed by Walker and Weeks; 2000 renovation by David M. Schwarz/Architectural Services (architect of record: GSI Architects)
The Rock and Roll Hall of Fame and Museum	Designed by I.M. Pei; opened in 1995

OFFICE MARKET

Currently, there are 34.6 million square feet of multitenant office space in Cleveland. The average asking rate is \$16.72 per square foot, and the Class A vacancy rate is 14 percent. “It’s getting very tight in Class A,” says David Browning of CB Richard Ellis. “We’re seeing \$21 per square feet downtown right now, which is up a lot.”

RESIDENTIAL MARKET

Cleveland housing is very affordable, with a median existing-home price of around \$140,000, where it has been for several years. This is expected to hold steady as the housing market cools.

MARKET STRENGTHS

- Health care industry
- Housing affordability

MARKET CONCERNS

- Poor job growth
- Declining population growth

GROWTH

Job growth was negative for the 12-month period ending Sept. 30, 2006, compared with 1.5 percent growth nationally. The service, manufacturing, and transportation/utilities sectors showed marginal growth.

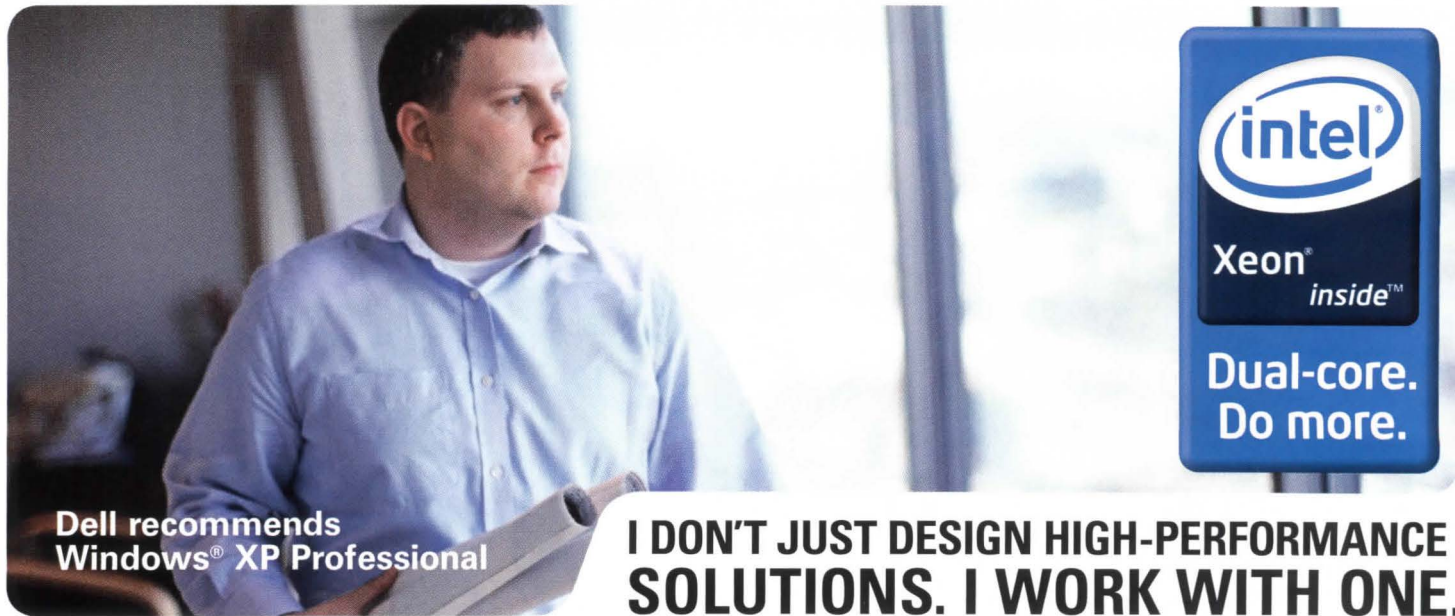
DEVELOPABLE LAND

“Significant opportunities exist in terms of land, including brownfields,” Browning says. “I would say several hundred acres in the suburban markets are available. Land isn’t our issue. Demand is our issue.”

DEVELOPMENT INCENTIVES

Cleveland’s Neighborhood Development Investment Fund provides gap financing for large-scale development and housing projects; it also finances acquisition and site-preparation costs associated with industrial projects and office park developments. Borrowers can receive up to 25 percent of a project’s total cost. The city also offers a 60 percent real and personal property tax abatement for business retention and expansion projects outside the central business district to encourage revitalization of distressed areas citywide.

→ continued on page 32



Dell recommends Windows® XP Professional

I DON'T JUST DESIGN HIGH-PERFORMANCE SOLUTIONS. I WORK WITH ONE.



ENHANCE YOUR WORKSTATION



DELL™ COLOR LASER PRINTERS starting at \$379



DELL™ WIDESCREEN MONITORS starting at \$289

Dell™ 19" 1907FP Flat Panel Display, add \$309.

DELL PRECISION™ 690 WORKSTATION

Nicely equipped for your business, starting at **\$1869** Lease as low as **\$50/mo.** (48 pmts.*)

Ultimate Workstation Performance, Highly Expandable Chassis

- Featuring Dual-Core Intel® Xeon® Processor 5110 (1.60GHz, 4MB L2 Cache, 1066MHz FSB)
- Genuine Windows® XP Professional
- 1GB DDR2 Fully Buffered DIMM Memory
- 80GB* SATA 3.0GB/s Hard Drive
- 16x Max. DVD+/-RW* Drive
- 128MB PCI Express x16 NVIDIA Quadro NVS 285 Graphics Card
- Monitor Not Included
- 3-Yr Economy Service Plan (Next Business Day On-Site Service* Hardware Warranty Support)

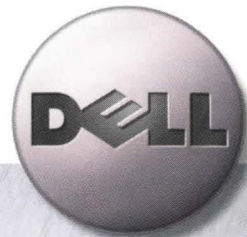


0% 24-Month Lease!*

Available for well-qualified customers.

Circle no. 96 or <http://architect.hotims.com>

Get your AIA savings at **dell.com/architect1**



Purely You

call 877.940.DELL

toll free

Call: M-F 7a-8p, Sat 8a-5p CT *Pricing/Availability: Pricing, specifications, availability, and terms of offer may change without notice. Taxes, fees, shipping, handling and any applicable restocking charges extra, vary and are not subject to discount. Offers may be combined with other select offers or discounts. U.S. Dell Small Business new purchases only. **LIMIT 5 DISCOUNTED OR PROMOTIONAL ITEMS PER CUSTOMER.** In case of customers leasing under these promotions, please note that items leased will be subject to applicable end-of-lease options or requirements. Dell cannot be responsible for pricing or other errors, and reserves the right to cancel orders arising from such errors. **On-Site Service:** Service may be provided by third party. Technician will be dispatched, if necessary, following phone-based troubleshooting. Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. **Hard Drive for Dell Precision:** For hard drives, GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less. With Dell Factory Image Restore installed, Windows Vista users will have 10GB of their hard drive capacity set aside for a recovery image. **Dell Precision 64GB Memory:** The total amount of usable memory available will be less, depending on the actual system configuration. To utilize more than 4GB of memory requires a 64-bit OS. **0% Leasing Offer:** Applicable for 24-mo. QuickLease with Fair Market Value (FMV) end-of-lease purchase option for hardware products only. 0% Implicit lease rate, assuming, at the end of the lease term, lessee does not exercise a fair market value purchase option and timely returns the leased equipment to lessor, and disregarding any charges other than 24 rent payments (such as taxes, fees, shipping or handling charges); all terms subject to credit approval and availability, and can change without notice. QuickLease arranged by Dell Financial Services L.P., ("DFS") an independent entity, to well-qualified Small Business customers. **Leasing:** Monthly payment based on 48-month QuickLease with Fair Market Value ("FMV") end-of-lease purchase option, does not include taxes, fees, shipping and handling charges and may vary based on creditworthiness. **QuickLease arranged by Dell Financial Services L.P. ("DFS"),** an independent entity, to qualified Small Business customers. Minimum transaction size of \$500 required. All terms subject to credit approval and availability, and can change without notice. **DVD+/-RW:** Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility. **Trademark/Copyright Notices:** Dell, the stylized E logo, E-Value, UltraSharp, CompleteCare and Dell Precision are trademarks of Dell Inc. Intel, Intel logo, Intel Inside logo, Xeon, Xeon Inside logo, Intel Core, Core Inside are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Microsoft and Windows are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. ©2007 Dell Inc. All rights reserved.

NOTABLE PROJECTS



ZAREMBA

Slated to go online in 2007 is the revitalization of the **Avenue District** through a public-private venture: a \$250 million project that will include more than 400 lofts, penthouses, and townhouses on three blocks in downtown Cleveland. Designed by City Architecture principal Paul Volpe (1211 St. Clair building shown above); developed by Zaremba and the city.



FORUM ARCHITECTS

Flats East, a \$58 million, 14-acre project, is a proposed redevelopment of a brownfield to form a neighborhood with 133 homes and 444,000 square feet of retail space nestled on the banks of the Cuyahoga River. Developed by The Wolstein Group and the city.



MRN

East 4th Neighborhood is a blocklong, \$1.5 million mixed-use project with almost 300 residents and 190,000 square feet of dining and entertainment venues. Some of the street's buildings date back to the late 1800s. Developed by MRN.

KEY ARCHITECTS

CITY ARCHITECTURE

Major project: Arbor Park Village, the rehabilitation of a 36.3-acre inner-city public housing project into a privately owned, publicly financed development with 629 townhomes. From 1983 to 1989, principal Paul Volpe was the city's commissioner of architecture and helped design \$150 million in municipal projects.

HERMAN GIBANS FODOR

Major projects: Eliza Bryant Village, a 100-bed, skilled-nursing facility and 60-unit independent-living building; the 10,480-square-foot Citizens' Academy charter school. Herman Gibans Fodor has been in business for more than 60 years.

WESTLAKE REED LESKOSKY

Major projects: University Hospitals' 332,000-square-foot Wolstein Research Building and 100,000-square-foot Chagrin Highlands Medical Center.

The firm was founded in 1905 by Abram Garfield, son of the 20th U.S. president.

KEY DEVELOPERS AND BUILDERS

FIRST INTERSTATE PROPERTIES

Major project: Steelyard Commons, a \$120 million redevelopment of 125 acres of abandoned steel mill property into a 1-million-square-foot, open-air retail center. Founder Mitchell Schneider previously practiced real estate law before turning to development in 1989.

FOREST CITY ENTERPRISES

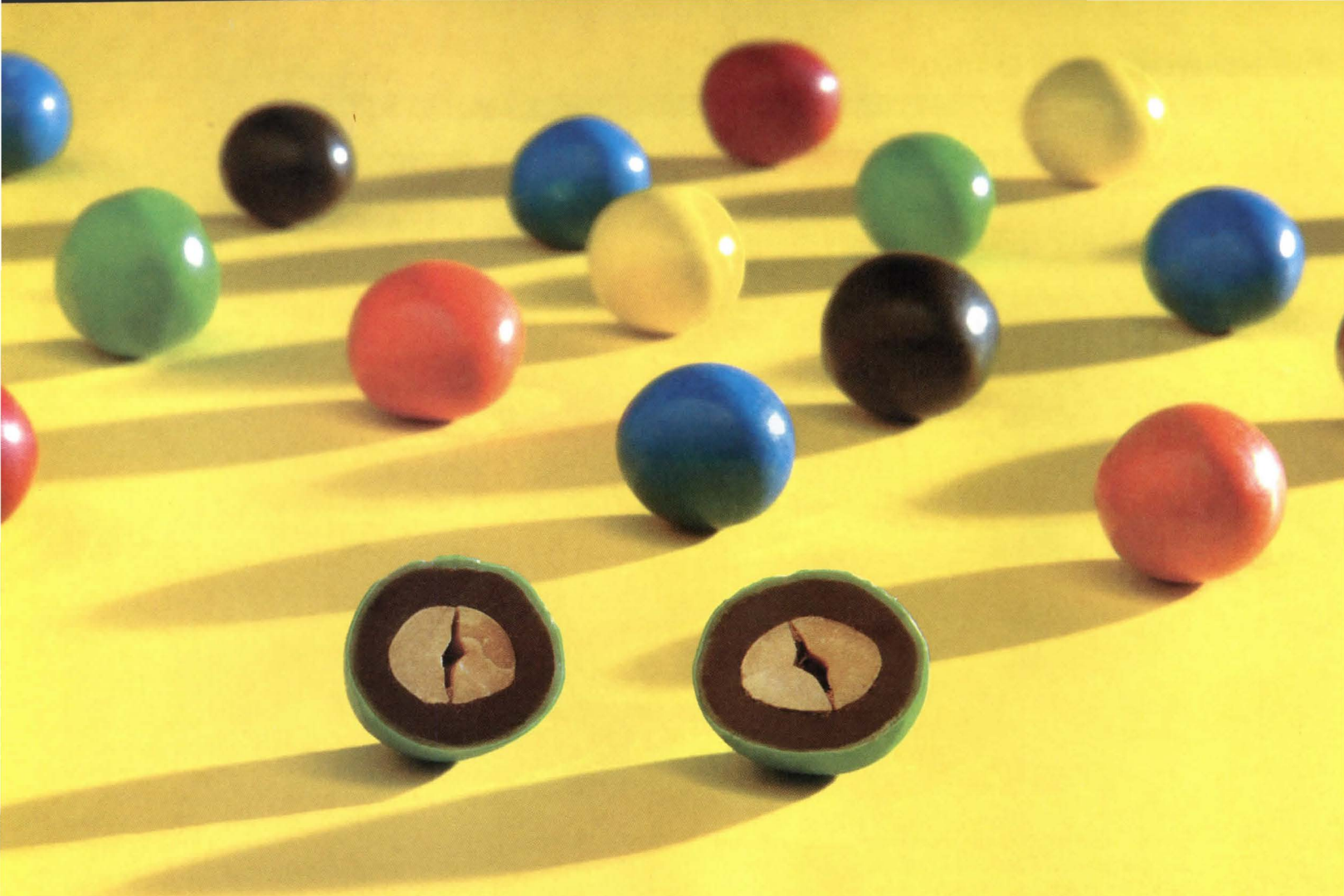
Major project: The Avenue at Tower City, a 367,000-square-foot retail center in one of the country's largest mixed-use developments. An \$8 billion, NYSE-listed company with offices nationwide, Forest City was established in 1921.

ZAREMBA

Major project: the 58-acre, 200-home Mill Creek community, the largest new-home community built in Cleveland since the 1940s. Building homes since 1920, Zaremba has won a number of local and national design awards over the past decade.

FORECAST

Besides an upturn in the national and regional economies, Cleveland's future depends largely on the local government's aggressive stance on development, rehabilitation, and revitalization. "A city's growth is tied to the vitality of its urban core," says Joe Del Rey, Zaremba's new projects coordinator. "It takes all parties cooperating, both public and private. Developers work jointly with city development groups, governments, and business leaders to manifest the vision for any venture."



**PELLA ADVANTAGE NUMBER 59: AN ASSORTMENT OF
COLORFUL EXTERIORS WITH A RICHLY SATISFYING INTERIOR.**



Aluminum and wood — a sweet combination. Aluminum cladding provides a colorful, durable exterior, while wood creates a beautiful, warm interior. With Pella Commercial wood windows and doors, you'll find solutions to meet any design performance or budget requirement. A spectrum of products created to complement your good taste. That's **The Power Of Yellow.SM** Call **866-70-PELLA** or visit www.pellacommercial.com.



COMMERCIAL

Circle no. 396 or
<http://architect.hotims.com>

cu-megablog.blogspot.com

Clemson's Architecture Studio 451 pursues an open-source model of education



RONALD RAEI

KATHERINE SEAMAN



THERE'S NOTHING RADICAL ABOUT STUDENTS WITH BLOGS, and websites showcasing the projects of architecture studios are easy to find. But MEGAblog is something different: A site designed and run by students as a course requirement, it is a portal to the inner workings of one studio's semester, from initial meeting to final review. It's also, says Ronald Rael, whose students created MEGAblog, a step toward a new way of teaching architecture.

Rael is an assistant professor of architecture at South Carolina's Clemson University and co-director of the Charles E. Daniel Center for Building Research and Urban Studies. Located in Genoa, Italy, the center is one of the architecture school's three satellite programs (the other two are in Charleston, S.C., and Barcelona, Spain). Although Rael was in Genoa this past semester, the 10 seniors enrolled in his Architecture Studio 451 course were in Clemson, so blogging was the primary way the students communicated their work with Rael.

The students had to create and maintain their own blogs to document the development of their studio projects, and they had to create MEGAblog and regularly post work there as well. That blog's self-description—"dedicated to the biggest, the largest, the most expansive, and superlatives as they shape the built environment"—also defined Arch 451's area of study. Each student focused on a mega topic; one developed "segue cities" (massive, man-made island transportation hubs), for example, while another created "language archipelagos" (a way to provide people with internet content in their own language).

"Blogs are powerful because [you can] post images, text, video, [and] audio to the internet very quickly," says Rael, a practicing architect who uses them to communicate with clients. Blogs also create a searchable archive of entries that can be commented on "by anyone at anytime," he notes. In other words, the professor and his students did not have to rely on real-time connections to move the class along: students posted their work as they finished tasks, and Rael viewed entries and made comments at his convenience. As with open-source architecture in computer science, Rael says, there is now the opportunity for open-source architecture in the education of architects. (Real-time meetings via web-based technologies did occur; after all, professors must keep some office hours. To that end, as a group the seniors had to design a portable booth that would make such meetings with Rael easier. They created *sumo*: Specialized Unit for Mega-communicative Occupancy, shown above.)

The end of this fall's Arch 451 doesn't mean the end of MEGAblog. Rael will maintain the site, both as a growing archive for studies of the very large in architecture and as a resource for future students. "I try to build on the research of previous studios," he says. "So much knowledge is lost when a studio begins from scratch each semester." **BRAULIO AGNESE**

FILM

Links

www.archive.org/details/American1958

In 1958, Chevrolet created the 30-minute Technicolor film *The American Look*, "in appreciation of the stylists of America." Although it is, in the end, a commercial for the 1959 Impala, it nonetheless shows a remarkable range of midcentury industrial, interior, and building design. Now in the public domain, the film is available for download in three parts (add "_2" or "_3" to the URL to access the other parts). Search video.google.com for "The American Look" to view the entire film in a browser window.

ACTIVISM

squanderedheritage.com



SQUANDEREDHERITAGE.COM

Since August 2006, Karen Gadbois, Laureen Lentz, and friends have been documenting New Orleans homes and other buildings that

owners want to demolish. Both women, who hail from elsewhere, hope to prevent unnecessary razing or, at the very least, preserve local architectural memory. Inevitably, though, some structures—such as 2627–29 Bruxelles St. (above), which has been approved for demolition—will one day exist only online.

PHOTOGRAPHY

themorningnews.org/archives/galleries/american_cities

More than a dozen images by Los Angeles-based photographer Catherine Opie, part of her *American Cities* series. Included are photos of St. Louis, Chicago, Minneapolis, and New York, as well as a brief interview with Opie about the series.

PODCAST

asla.org/land/audiovideo/laschaudio.html

Mary Ann Lasch of Gensler is a security design expert who has worked with the General Services Administration in an effort to create design guidelines that balance safety and openness. Interviewed at last year's annual meeting of the American Society of Landscape Architects, she discusses the current state of security design and where she thinks it's headed.

GRAPHICS



TIMO ARNELL

nearfield.org/2006/09/the-dashed-line-in-use

From European designer Timo Arnell comes a visual survey of the dashed line's many meanings—hidden geometry,

movement, and more—over a half-century of information design. Arnell is the founder of Touch (nearfield.org), a research project exploring and developing new uses for radio frequency identification, near field communication, and mobile technology.



When A Wall Is Better

TRACO TR-700 Window Wall

The TR-700 is ideal for demanding thermal and structural applications such as high-rise office and multi-family buildings. This versatile product can be used in various applications including horizontal ribbon windows or punched openings.

Consider the TRACO TR-700 Window Wall — the perfect solution for a wall of glass design.

Beyond Windows. Beyond Doors.™



TRACO®

The Windows And Doors That Greet The World

Windows • Doors • Storefront • Entrances

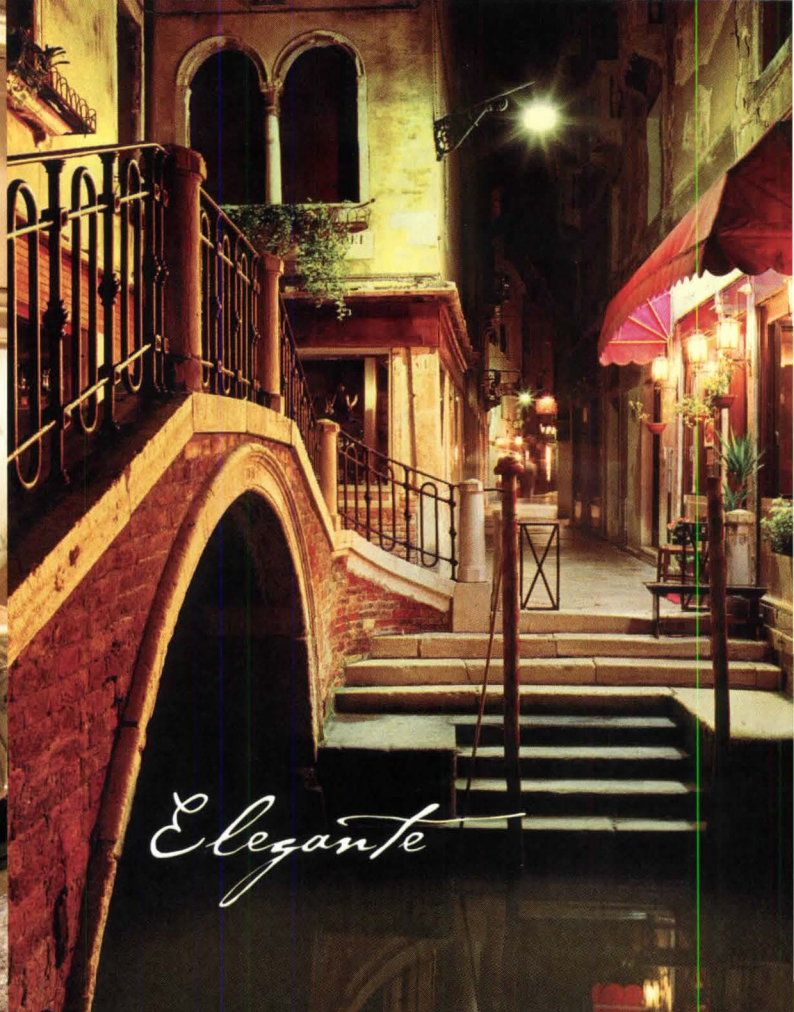
1-800-837-7002

market@traco.com • www.traco.com

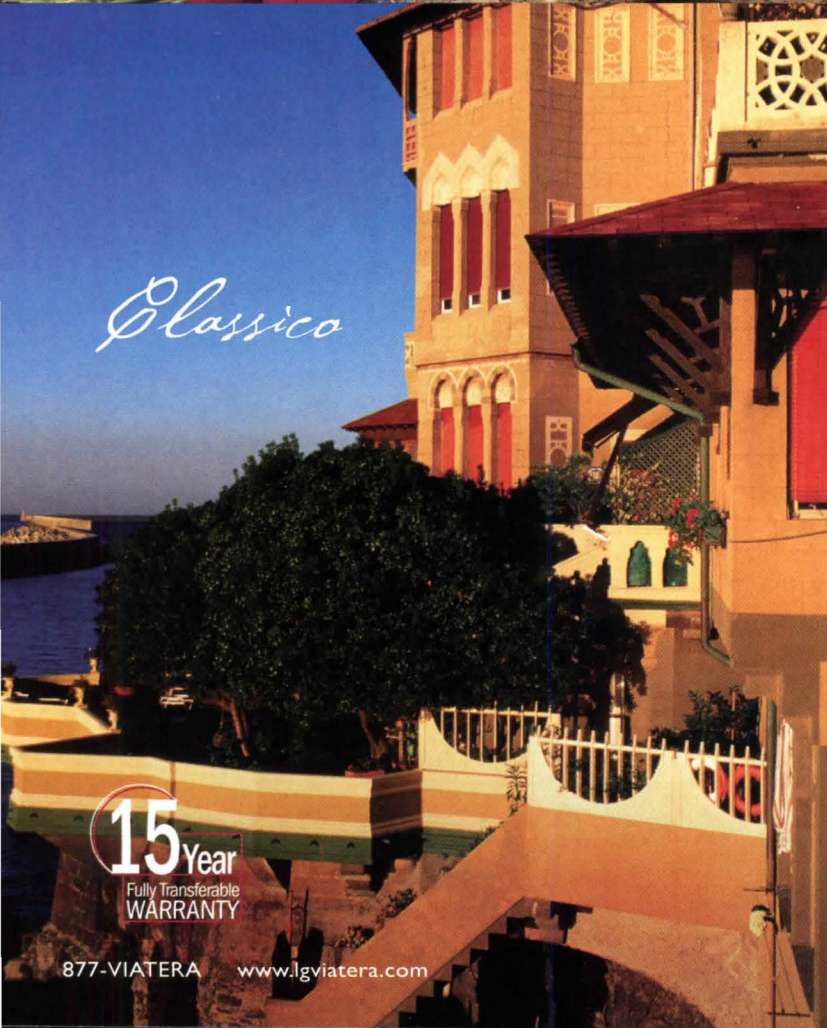
Circle no. 50 or <http://architect.hotims.com>



Creativo



Elegante



Classico

*Speak Italian
to your Customers.*

Say "LG Viatera" to your customers and you've said everything the most discriminating homeowner needs to know about kitchen and bath surfaces. LG Viatera, natural quartz surfacing from Italy, is stronger than Granite, more resistant to scratches and stains and does not require regular sealing, making it maintenance-free. Offer LG Viatera to your customers so they can enjoy the peace of mind that comes with the industry's only 15-year warranty. In any language, LG Viatera speaks volumes about the care and quality you put into your homes.

Circle no. 43 or <http://architect.hotlms.com>

15Year
Fully Transferable
WARRANTY

877-VIATERA www.lgviatera.com

LG Viatera
Quartz Surfacing

ROCKWELL GROUP'S ALLISON HECHT ON HOW TO BE ONE OF THE MOST WANTED. Text Fred Bernstein Photo Jens Umbach

BUSINESS DEVELOPMENT 101



For marketing maestro
Allison Hecht, every business card is a crucial lead.

DAVID ROCKWELL IS IN AN ENVIABLE POSITION.

His work has become so well known, according to Allison Hecht, the director of new business for Rockwell Group, that potential clients phone, fax, and e-mail continuously. "It's a challenge just managing all the people who want to meet with us," she says.

Unusual as that is, most of Hecht's work for the 200-person New York firm involves problems all architects face. From the moment a call comes in, Hecht is responsible for Rockwell Group's response. "People are unconsciously forming an opinion of you from the way the phone is answered," says Hecht, 37.

After studying architectural history at Harvard, Hecht landed a marketing job at Denver-based Klipp Colussy Jenks DuBois. From there, she moved to positions at New York-based Kohn Pedersen Fox and Chicago-headquartered Skidmore Owings & Merrill before jumping to Rockwell in 2001. "I've had the advantage of being at firms that are well known," she says. But none of the firms started out that way. Here are six of Hecht's ideas for becoming one of architecture's most wanted.

1. Act like an architect.

"With a potential client, the sooner you act like an architect, the better things are going to go," says Hecht. "At a meeting, unfurl a roll of trace, perhaps over a site plan, and start to sketch." After all, the sooner they think of you as an architect, the sooner they can think of you as *their* architect.

2. Show passion for the field.

If you can hire someone to do business development, make it someone who's passionate about architecture and design. (Hecht returned to Harvard to do a summer studio program.) You can't sell design if you don't really love it.

3. Sweat the details.

"From the very first phone call, the impression starts to form of what kind of architect you're going to be," Hecht notes. At Rockwell, the phone is answered by a person. If you have to have a machine pick up, the message should be returned quickly and professionally. You don't want the potential client wondering whether things will get done properly.

4. Form strategic relationships with other firms.

"You can grow your firm by forming strategic relationships with firms in other cities," says Hecht, "or firms in your own city that have an expertise that you don't have"—say, in designing hospitals or spas. "As a team, you may be able to offer clients more than either firm could offer alone."

5. Avoid cold calls.

Lay the groundwork before you contact potential clients. "I don't believe in cold calls," says Hecht. "I always figure out a way to make a call warm." That means having someone who knows your potential client pave the way.

6. Use every name in your address book.

At Harvard, Hecht received a scholarship funded by Marvin Traub (the former president of Bloomingdale's). After going to work at Rockwell, she decided to call Traub. He was working with a major retailer in India that was looking to expand its operations. Three weeks later, Hecht and two other Rockwell employees were on a plane to India. There, they studied how Indians interact with public spaces. (Among other things, people go to the movies at 9 a.m. on Sundays, and they go to the supermarket in huge groups, says Hecht.) Now, not only is Rockwell working with Traub's client, but Hecht also collected names of other potential clients while on the trip.

Fred Bernstein studied architecture at Princeton and law at New York University and writes about both subjects.



Pilkington **Eclipse Advantage™** Reflective Low-E Glass

There was a time when architects could choose glass by color alone. Then along came Low-E, solar heat gain considerations, and all the inherent problems and compromises of soft coats. Pilkington **Eclipse Advantage™** Glass, is the world's first pyrolytic reflective Low-E. An innovative Low-E glass that combines low emissivity with solar control, high visible light transmittance and glare control. For more information or glass samples, contact Pilkington at 800 221 0444, or visit www.pilkington.com.

Pilkington Building Products North America

811 Madison Ave., P.O. Box 799 • Toledo, OH 43697-0799

Main Office Phone: 419 247 3731; Fax 419 247 4517

E-mail: building.products@us.pilkington.com • Website: www.pilkington.com

©2003 Pilkington. **Eclipse Advantage™** Glass, **Arctic Blue™** Glass and **EverGreen™** Glass are trademarks of Pilkington.

Circle no. 45 or <http://architect.hotims.com>



PILKINGTON

A member of NSG Group

FIVE YEARS AFTER THE LANDMARK CITY OF VILLAGES INITIATIVE WAS LAUNCHED, THE AMBITIOUS PLAN HAS STUMBLER ON ITS WAY TO REALITY. **Text** Lee Bey

LETTER FROM SAN DIEGO



Today, San Ysidro Boulevard is a lifeless corridor with vacant lots and buildings with haphazard uses, heights, and spacing.

IN MANY CITIES, a place such as San Diego's working-class San Ysidro community might have been left to fend for itself while development and services poured into new towns on the suburban fringe.

An aging commercial boulevard and a historic but slightly down-at-the-heels residential area sit at the core of this neighborhood of 30,000 on the edge of Mexico. But city planners, developers, and a community organization plotted a different course for the community of San Ysidro and its eponymous boulevard. The area became one of five pilot projects designed to manage San Diego's population growth by channeling new development back into already-developed areas.

San Diego's City of Villages plan, announced in 2001, offered the usual smart growth/antisprawl amenities such as communities of walkable neighborhoods, mixed-use development, better-planned open space, and access to mass transportation. Rather than being just the rule-makers in this venture, the city offered to be a partner: San Diego would adjust its approval of building permits and zoning variances to make development easier. And the city would substantially increase infrastructure funding in targeted areas.

The city kicked off the effort with its five pilot "villages" to demonstrate what the city could look like under this new plan. The San Ysidro community plan, called Mi Pueblo, promised 1,100 new residences, new regional commercial stores, public plazas, a 20,000-square-foot library, and more-affordable housing. As part of the model, developers would be paired with community-based organizations and stakeholders to ensure that residents' needs were met.

But five years after City of Villages was announced—and nearly three years after Mi Pueblo and the other pilot villages were approved by the city council—the ambitious plan has stumbled on its way to reality. "Not much has happened," says David Flores, community design and development officer for Casa Familiar, the nonprofit community organization involved in the Mi Pueblo pilot village. "It has gone to the back burner."

Another pilot village is even more in doubt. The Paseo, an effort at San Diego State University aimed at creating a

more residential and urban campus with new affordable housing nearby, was scheduled to start construction in January 2005, but university officials backed away over myriad issues, including the propriety of mixing commercial uses on campus.

The setbacks would seem strange for a city of 1.2 million that has had no problem embracing urban planning in the past. In addition to the city's general plan for San Diego, 48 separate community plans exist. But City of Villages' slow start was further hampered in 2005—the year the plan was set to go from "strategy to action," according to city documents—when Mayor Dick Murphy suddenly resigned eight months into his second term, and the city's budget deficit ballooned to \$50 million.

The shortfall not only prompted talk the city should file for Chapter 9 bankruptcy, but it also made the City of Villages pledge to build new libraries, parks, roads, and other infrastructure nearly impossible to keep.

In addition, officials were not able to dodge bureaucratic slowdowns, nor did they fast-track construction and zoning approvals for pilot projects.

"There was no process within the city in place in order to move those projects [forward] in a somewhat orderly fashion," Flores says. "We took two of our projects in for processing at the city's development services department, and there was no assistance ... no process that would give the reviewers that were looking at the projects any tools to make the necessary adjustments."

City planning director William Anderson says San Diego "didn't have the public policies and strategies to provide public amenities concurrent to the development," when the plan was announced. He claims those shortcomings are being fixed.

"We are at the turning point right now," he emphasizes.

When the City of Villages plan began in 2001, officials noted that San Diego was being guided by a 26-year-old general plan written when the city had thousands of acres of undeveloped land. They believed a new, more urban approach to planning was needed to ensure that residential and retail units were being built and that schools, roads, public space, transit, and other amenities were in place to support them.



COURTESY CASA FAMILIAR

An elevation rendering of a new San Ysidro main street shows higher-density buildings and multiple unit types, designed in what planners call Latino New Urbanism.

New growth would come via these mixed-use village centers that would protect the environment, increase the amount of affordable housing, and enhance the economic viability of existing neighborhoods and communities.

In 2002, the city agreed to solicit proposals for pilot villages that would best demonstrate the aims of the City of Villages plan. Developers and community groups were required to form teams to submit proposals.

The five winning proposals were announced in February 2004. In addition to Mi Pueblo in the San Ysidro community, the winners included The Boulevard Marketplace in the Normal Heights community; North Park; The Paseo, adjacent to San Diego State University; and Village Center at Euclid and Market, located in the southeastern part of the city.

The City of Villages plan has not been without its critics, particularly during the public hearings before its approval by the city council. In one planning commission hearing, residents of Allied Gardens, a predominantly middle-class community of single-family homes, objected to the idea of rental apartments.

Others, such as San Diego activist Randy Berkman, believe the initiative doesn't manage growth, but encourages it by increasing the amount of units that can be built on a site.

"We cannot grow indefinitely," says Berkman, president of the River Valley Preservation Project. "There is not enough water, food, [or] land for this indefinite

growth to go on." Berkman says the point may be moot; the city's budget issues may stall the project indefinitely. "The deficit, the [\$1.2 billion] deficit in the pension fund," Berkman reminds. "Where are they going to get the infrastructure funds to pay for City of Villages?"

Anderson believes there is still life in City of Villages. The city is working on a public financing strategy to fund infrastructure improvements, and the plan's concept informs development throughout the city, he says.

In the meantime, Flores says his group plans to go ahead with smaller projects proposed within the Mi Pueblo pilot village. The group's 13-unit Abuelitos senior citizen housing project, designed for seniors who have custody of their grandchildren, has moved past the construction documents stage.

The project is proceeding because it's being built within the area's current zoning. The picture is cloudy beyond that, he says.

"Here in this community, we have been able to get folks on board, inspired," Flores says. "They were not afraid of increasing density as long as the infrastructure came along with that. Now, unfortunately, it's not happening."

Lee Bey is a Chicago-based writer, critic, professor, and adviser on architecture and urbanism.

FIVE ON THE SIDELINES

San Diego's petition for smart growth enclaves sparked five innovative pilot projects, but three years later, none have moved from concept to reality.

1. Proposed by the Encanto Neighborhoods Community Planning Group, **Village Center at Euclid and Market** proposed bringing 839 residential units to an area that already has parks, schools, and transit. The plan offered a new outdoor plaza, a 500-seat amphitheater, a light manufacturing district, office space, a community center, a grocery store, a bank branch, restaurants, a drug store, a coffee house, and even a skate park. The plan orients residential units to take advantage of the sloping topography. Nearby Chollas Creek would serve as the project's focal point and natural amenity.

2. **The Boulevard Marketplace**, proposed by the Normal Heights Community Planning Committee, suggested 366 units of row houses, three- to four-story apartment buildings, and a mixed-use, loft-over-retail building along El Cajon Boulevard, a main thoroughfare on the south side of the project. Twenty percent of the units were proposed as affordable housing.

3. **North Park**, situated along one of the most-traveled bus routes in the city, proposed 313 residential units, commercial retail, streetscape improvements, and an arts district featuring galleries and artists' space. At the time that the Greater North Park Community Planning Committee proposed the plan, the area was already the focus of redevelopment, including a new condominium project, a theater renovation, and a drug store.

4. **The Paseo** sought to place retail, student residences, entertainment, and civic uses within footsteps of the San Diego State University campus. A proposed movie theater would have served as a lecture hall during the day. The complex would have been marked by a 100-foot tower. With the university no longer involved, San Diego city planning director William Anderson says his department will solicit proposals from other interested parties.

5. **Mi Pueblo** along San Ysidro Boulevard would feature a public market, offices for Casa Familiar, commercial space, senior housing, and a 5,000-square-foot community center. Ground-floor businesses with residential units above would line the boulevard. Renderings depict patterned sidewalks and colorful, right-angled buildings.



Option

#324

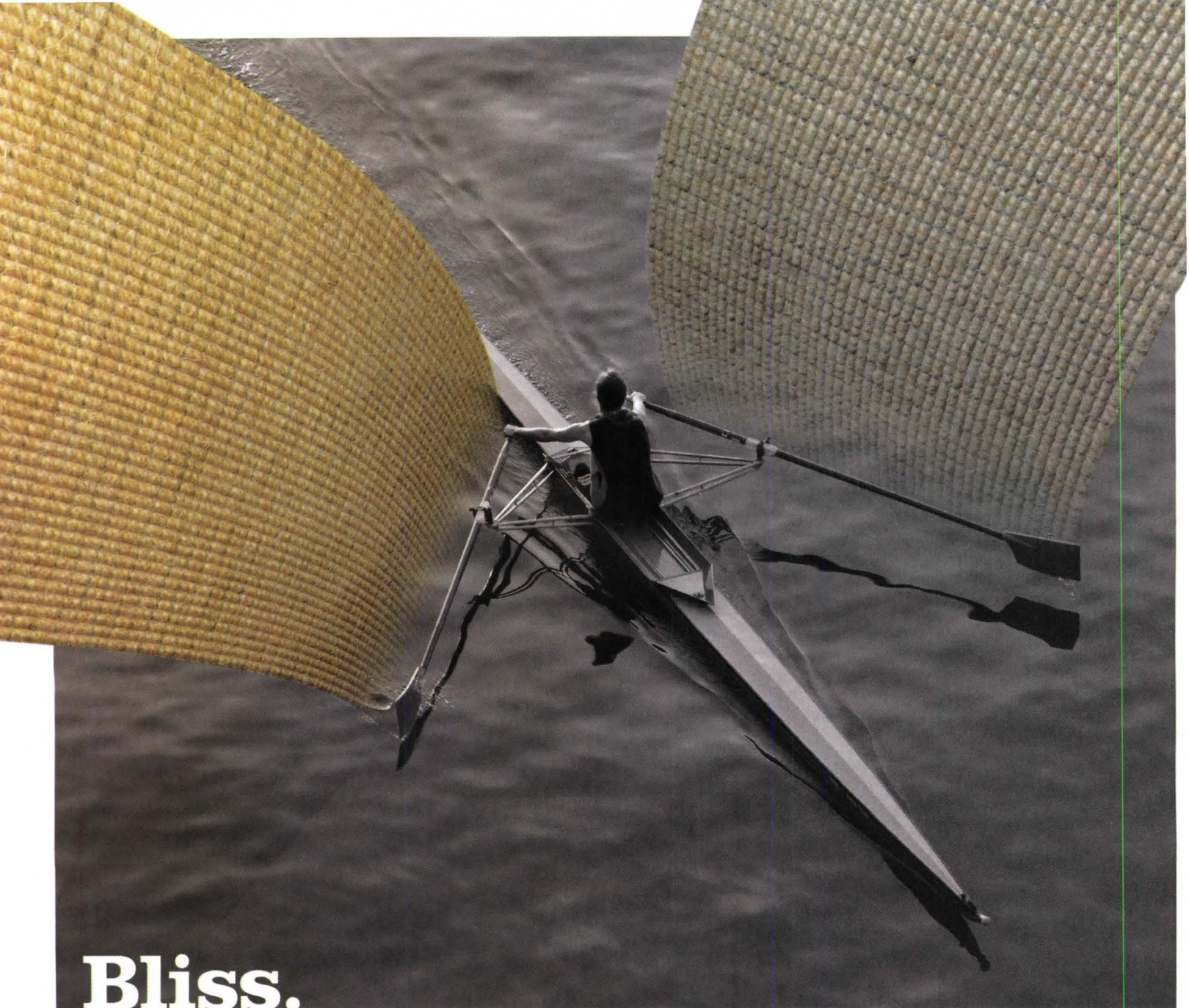
Authenticity like no other

Every project is different, so using the same window or door for each project won't do. You need options. Who better to provide you with those options than Kolbe? Known for virtually endless option possibilities, like simulated divided lites in a variety of bar widths, profiles and designs, including 5/8" bars that replicate the authenticity of historic divided lites, you'll be sure to get the look you need. For more information visit www.kolbe-kolbe.com or call 1.800.955.8177.

Circle no. 40 or <http://architect.hotims.com>

KOLBE
■ WINDOWS & DOORS ■

See the Difference Quality Makes



Bliss.

You're in another world. No car alarms.

No angry voices. Because wall carpet
muffles sound and protects walls.

Rated Class A for resistance to flame and smoke.

Lanai (shown), compact linear design, 8 colors.

Concourse, flatweave, 19 colors.

Tretford, the original ribbed texture, 51 colors.

 **EUROTEX**

Exploring surfaces

Uncommon solutions for floors and walls

800.523.0731 | specurotex@prodigy.net | www.eurotexinc.com

Circle no. 99 or <http://architect.hotims.com>

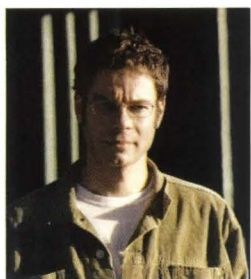
A GERMAN FIRM HIT THE GREEN-BUILDING SWEET SPOT WHEN IT TRANSFERRED ITS SUSTAINABLE EXPERTISE STATESIDE.

Text Jacob Ward

BEHNISCH ARCHITECTS



Stefan Behnisch's Stuttgart, Germany, practice, Behnisch Architekten, is renowned for sustainable design.



Christof Jantzen opened Behnisch Architects in Los Angeles and quickly discovered a market for green.



THE PARTNERS AT BEHNISCH ARCHITECTS, in Los Angeles, and its parent office, Behnisch Architekten, in Stuttgart, Germany, do not define their work as green architecture.

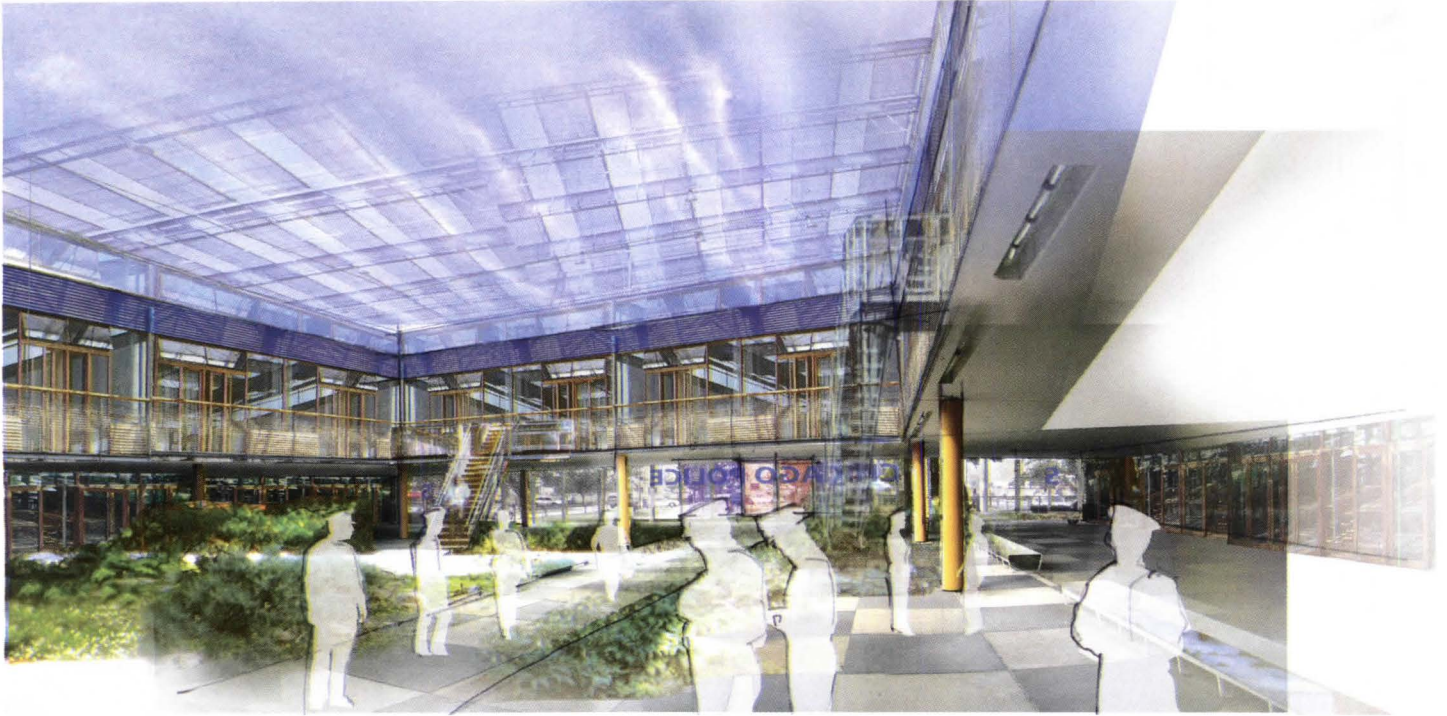
"Making a building green doesn't mean it's going to be good architecture," says partner Christof Jantzen. "There's nothing predetermined about how we incorporate sustainability into a new project. We just try to ask the right questions, and the answers usually turn out to involve things like daylighting, natural ventilation, and healthy environmental and mechanical systems."

Similarly, in opening the firm's American office, which Jantzen heads, there was no preformulated plan to tap into a burgeoning market for sustainable design. It just happens that sustainable design ends up being the answer to a wide variety of clients' needs here. "It's a phenomenon that's been very strong in the last few years," he says.

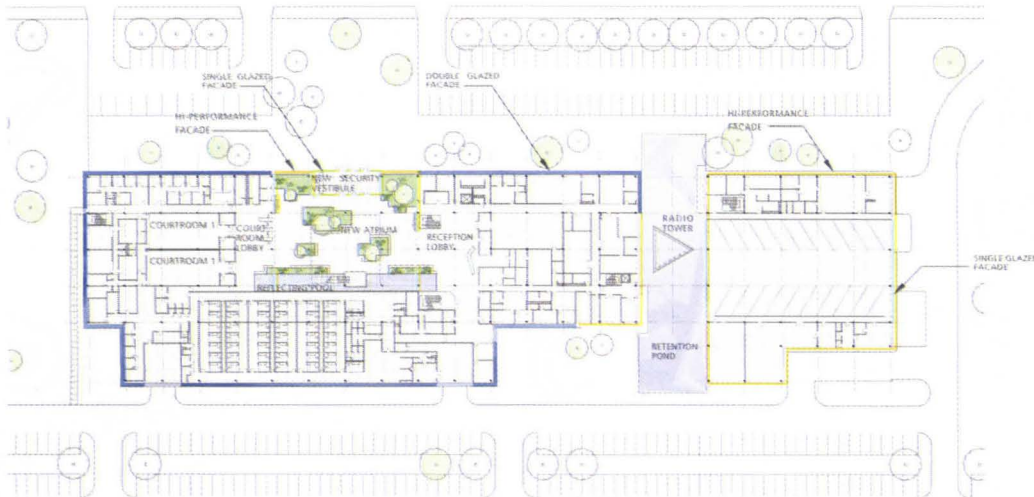
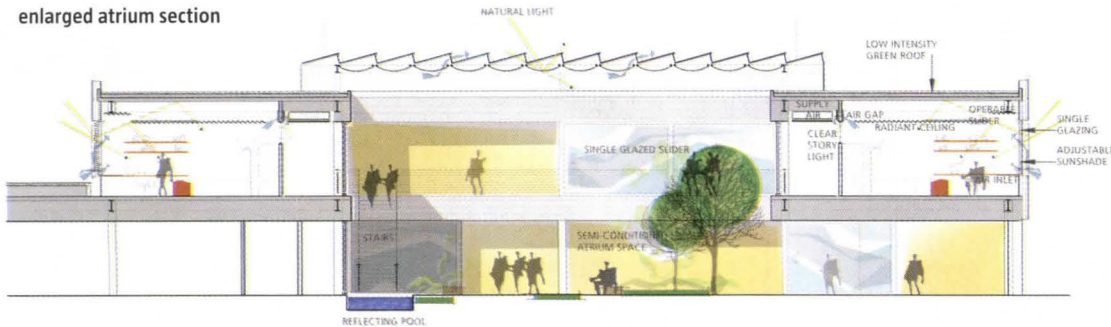
The difference between the markets for sustainability in Europe and the United States, Jantzen explains, is that in Europe the cost of energy is so prohibitively high that "nobody can get around it, so it's a pressured topic that comes to affect every new building." In the United States, environmental sustainability involves a broader set of requirements and often finds its way to market as a commodity, not as an invisible cost-saving measure.

"One of our clients, a residential developer, pushed back against our initial proposal for his condo project," Jantzen says. "But then he did his own research and realized that the green measures we were proposing would, in fact, capture more from clients looking for a healthy place to live. Suddenly, he was interested in paying to tap into natural resources and sustainability with his project." All architects dream that a client will come around to seeing things their way. When it comes to sustainability, Behnisch Architects finds that in America, dreams sometimes come true.

By glassing in the open space between two existing police structures, Behnisch Architects created a pleasant daylight atrium and natural ventilation system for the Chicago police headquarters—and turned a pair of outdated institutional buildings into a sophisticated civic hub.



enlarged atrium section



site plan/ground-floor plan

- NEW DOUBLE FACADE
- HI-PERFORMANCE FACADE
- SINGLE-GLAZED FACADE
- VEGETATION
- REFLECTING POOL/RETENTION POND
- WALL SECTION

Police Station

In Chicago, a city where the government has gone to great pains to incorporate green roofs and other environmental systems into its civic buildings, Behnisch is converting an existing police building—the sort of dilapidated late-1970s/early-1980s structure so many civic governments are stuck with—into a model for further green design in the city. The plan encloses a courtyard between the detention center and the station house, creating an atrium that acts as an exhaust system and light-infiltration point for the entire building.

LOCATION Chicago
CLIENT City of Chicago
COMPLETION 2008 (estimated)
GROSS 142,000 square feet



Limited only by where you draw the line.

With new Formawall® Graphix Series™* wall system's unique segmented construction, the illusion of many panels is created from just one panel, easily and affordably. Call CENTRIA today to receive your free Graphix Series brochure and design guide.

FORMAWALL®
GRAPHIX
SERIES™ WALL SYSTEM



*Patent Pending

1.800.752.0549 www.CENTRIA.com

Circle no. 25 or <http://architect.hotims.com>



Mill Street Lofts

In a long-neglected industrial area of central Los Angeles, Behnisch Architects is creating 120 loft units—eight types rather than a repetition of a single layout—over a total of 11 floors. The Mill Street Lofts were created for the L.A. investment company Linear City, which specializes in the reuse of industrial buildings for private apartments. The lofts are a test of the market's tolerance for sacrifice in the name of sustainability. Early designs did away with air conditioning in favor of natural ventilation and used geothermal heat through a radiant slab. In the end, the apartments will be A/C-optional with sun shades to regulate heat. Regardless, the developer aims for a LEED-silver rating and intends to market the units to L.A.'s environmentally sensitive intelligentsia.

LOCATION Los Angeles

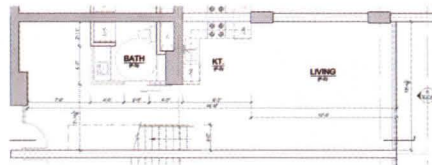
CLIENT Linear City

COMPLETION 2007

GROSS 200,000 square feet



TYPICAL SINGLE UNIT FLOOR PLAN



TYPICAL DOUBLE UNIT FIRST-FLOOR PLAN



TYPICAL DOUBLE UNIT SECOND-FLOOR PLAN

Cultural District Riverfront Development

This Pittsburgh project is a \$460 million green master plan for a mixed-use neighborhood of seven residential buildings, a street of townhouses, a four-star hotel, and a performing arts venue—all LEED-certified. The complex incorporates a variety of public parks and green spaces, some set within the buildings themselves. Behnisch's two offices, as part of a design team including other architects, will be working not only on sustainable elements inside the structures themselves but also on orienting the master plan to the river, establishing park and greenway access to what was once a disposal system for Pittsburgh industry. "In any city you can think of, the river has at one point been overlooked as an asset," Jantzen says. "In Pittsburgh, this is the attempt to turn that around."

LOCATION Pittsburgh

CLIENT Pittsburgh Cultural Trust

COMPLETION 2009 (estimated)

GROSS six acres



HOHMANN & BARNARD

THE LEADER

IN MASONRY AND FLASHING SYSTEMS

New!

U.S. Pat. No. 6,789,365
Other Patents Pending

HOHMANN & BARNARD'S

SH - SEISMIC HOOK

REINFORCEMENT SYSTEM

Now you can adapt any of H&B's adjustable systems for seismic zones by specifying the **H&B Seismic Hook**. This hook is "swaged" (indented) in two places to accommodate either a 9 gauge or 3/16" continuous wire. As shown, a channel is formed that braces the continuous wire and holds it in place. Specify "SH" Seismic Hook with any adjustable wire, such as #170-SH.

For specifications, call 800-645-0616.

- 1 #170 SH-TRUSS LOX ALL ADJUSTABLE EYE-WIRE WITH SEISMIC HOOK
- 2 SH-SEISMIC HOOK
- 3 CONTINUOUS WIRE

HOHMANN & BARNARD'S

X-SEAL[®]

ANCHOR SYSTEM

FEATURED ANCHOR! The new **X-SEAL[®]** Anchor is the next generation veneer anchor from H&B. The **X-SEAL[®]** Anchor improves upon the original DW-10-X[®] by moving the horizontal pronged legs in from each end, enabling the backplate portion of the anchor to effectively seal the wallboard / insulation. This helps to maintain the integrity of the vapor barrier and prevents the ingress of air and moisture through the sheathing. *For specifications, go to www.h-b.com/a. Type X-Seal under SEARCH.*

HOHMANN & BARNARD'S

FLEX-FLASH[™]

FLASHING SYSTEM

FLEX-FLASH[™] is a 40-mil thick product formulated with Elvaloy[®] Kee, and combines the best features of other types of flashing, making it a truly superior product. **FLEX-FLASH[™]** has a pressure-sensitive, clear adhesive that will not drool when exposed to UV or heat. **FLEX-FLASH[™]** may be used in thru-wall or surface-mount applications. *For specifications, go to www.h-b.com/a. Type Flex-Flash under SEARCH.*

- 1 FLEX-FLASH[™]
- 2 MORTAR NET[™]
- 3 DRIP PLATE

MASONRY



EDUCATION
SERIES

IN-HOUSE
AIA ACCREDITED
EDUCATIONAL
SEMINARS

Hohmann & Barnard
offers in-house
educational seminars
on anchoring, flashing
and masonry moisture
management systems.

For more
information, go to
www.h-b-edu.com

Circle no. 36 or
<http://architect.hotims.com>

U.S. PATENT NO. 6,925,768

- 1 X-SEAL[®]
- 2 BYNA-LOK WIRE TIE[™]
- 3 X-SEAL TAPE[®]



www.h-b.com/a
800.645.0616



Building
Green
For A Sustainable Future

Visit Us
At Booth

#C-3818
World of Concrete



Why is this house and its beautiful windows upside-down? And where's the headline on this ad? By the way, do you know how to make a "Mary Got Hit by a Chicken Truck?" Well, you will.

Because we're dropping the recipe right here in the middle of the copy.

MARY GOT HIT BY A CHICKEN TRUCK

*10 oz. tomato juice
1 oz. pepper vodka (optional)
1 tsp. horseradish
dash of hot sauce
pinch of salt
fresh ground pepper*

There. That's what we call freedom. Upside-down windows. No headline. Mary Got Hit by a Chicken Truck.

Freedom. It's our mantra. And that's why we offer fifty standard colors, nine wood species, and eleven interior finishes.

You like the freedom? We think you will.

EagleWindow.com 1-888-74-EAGLE



Circle no. 30 or
<http://architect.hotims.com>



54th annual

p/a

awards

p/a

The most pressing question that faces the P/A Awards jury each year is not “Which of these projects will get an award?” but rather “What does it mean for a project to be worthy of a P/A Award?” One of the program’s great strengths is its open-endedness and immediacy. Every year, five respected members of the design community sit down in a room for two days to determine the current meaning of the words “progressive architecture” and select projects that fit their definition.

This year, the jury chose to give out four awards and four citations, not just in response to what they felt fit the description of good design, but also to address the fact that architecture is about much more than form and structure—it is about community, and individuals, and the issues that affect people on a local and a global scale.

This year’s awards comprise a community center dedicated to the idea that the medical profession needs to understand the political and social issues affecting their patients to give better care; a research project that investigates how marginal spaces in the medina in Fez can be reworked to better serve local residents; a single-family home that expands upon the progressive modern tradition of the Case Study houses; and a sports club in Kuwait that creates a sense of place in an unwelcoming climate.

Citations went to a school in Lebanon for women and working children; an orphanage that provides medical care and social services to an impoverished community in Haiti; a retirement community in Arkansas that creates social opportunities for elderly residents; and a Bahá’í temple that serves a congregation in South America.

One juror lamented during the proceedings that some of the firms submitting projects seemed to have forgotten “what the P stands for” in P/A, only to realize that by turning the term “progressive” on its head and analyzing the whole of a project—not just its form, but its function as well—a distinct group of projects emerged that address global issues and social welfare. By that definition, all of this year’s winning projects are progressive indeed. **KATIE GERFEN**

Katie Gerfen, a freelance writer based in New York City, has written extensively about the design industry.

jury

Each year, the P/A Awards jury comprises five leading members of the design community, selected by the editorial staff. The chosen individuals may not have previously served on this jury but are also not required to have won a P/A Award in the past (though many have). Each juror brings a unique background and set of expectations to the process, the goal being to bring together a diverse group of individuals who will influence the decision-making process in their own distinct ways.

awards

52 marc boutin architect
58 aziza chaouni
64 michael maltzan
architecture
70 office dA

citations

76 hariri pontarini
architects
78 hashim sarkis
80 studio luz architects
82 university of arkansas
community design
center



Hadrian Predock and his partner John Frane started Predock_Frane Architects in 2001. The collaborative research-and-development design studio explores site specificity, oppositions, and environmental intelligence, among other themes. Named one of 10 emerging international architects by *Architectural Record* in 2002, and one of six emerging firms in North America by the Architectural League of New York, the practice's work appeared in the United States pavilion at the 2004 Venice Biennale and as part of the 2006 Cooper-Hewitt Design Triennial. Predock received a master's in architecture from the Harvard Graduate School of Design in 1993.



Karen Fairbanks is a founding partner of Marble Fairbanks, an architecture, design, and research office in New York City, and professor of professional practice and chair of the architecture department at Barnard College. Marble Fairbanks has received many design awards, including AIA awards, American Architecture Awards, and a P/A Award. Fairbanks and her partner, Scott Marble, were the Charles and Ray Eames lecturers at the University of Michigan in 2004, and their recent publication, *Marble Fairbanks: Bootstrapping*, was published on the occasion of that event.



Giuseppe Lignano and partner Ada Tolla founded New York City design studio LOT-ΕΚ in 1993 and have since created a variety of residential, commercial, and institutional projects in the United States and abroad. LOT-ΕΚ's work has also included exhibition designs and site-specific installations for the Museum of Modern Art and the Whitney Museum of Art. Lignano received a master's in architecture and urban design from the Università di Napoli in 1989 and completed further postgraduate studies at Columbia University, where he now teaches at the Graduate School of Architecture.

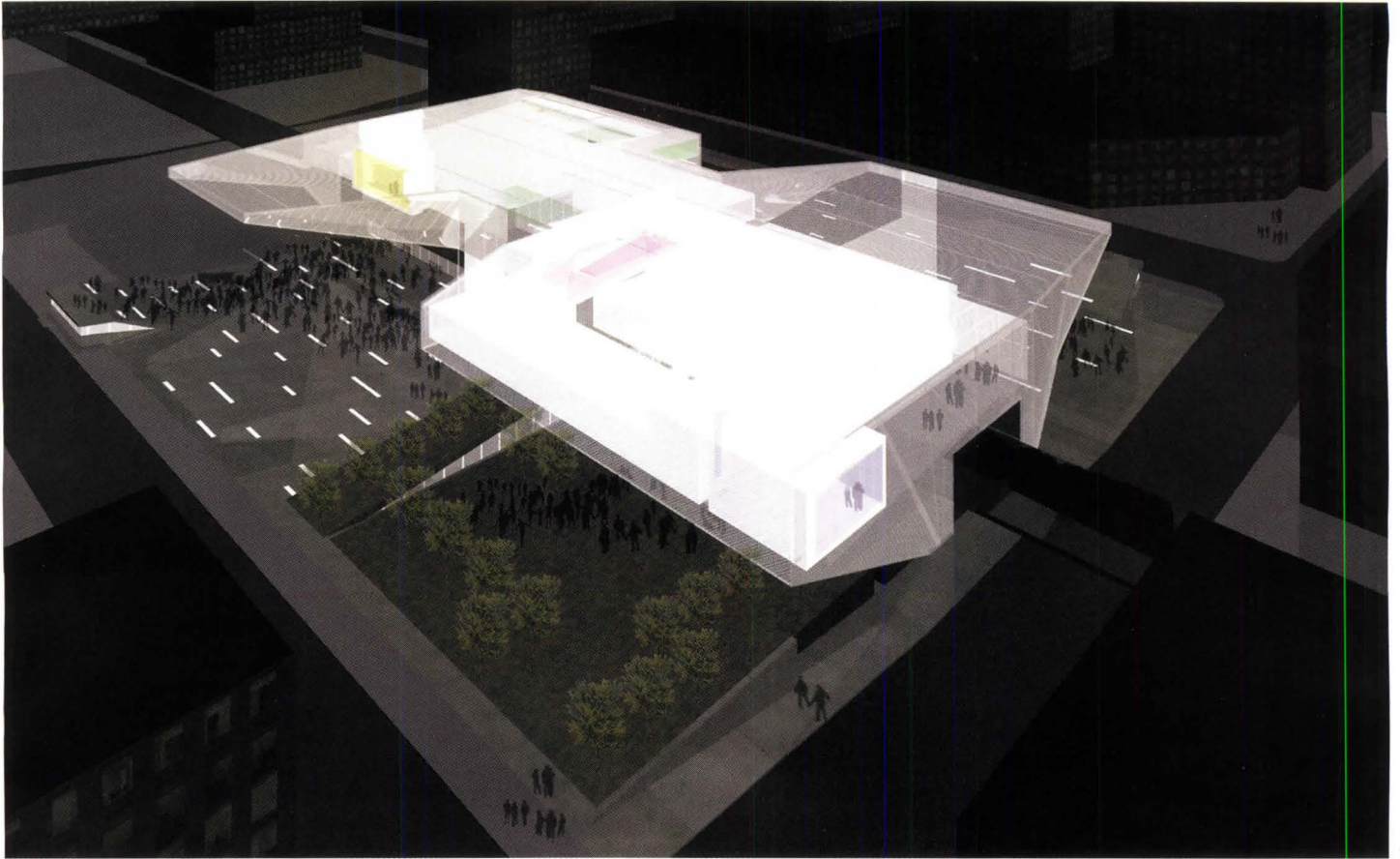


Jose M. Castillo is a founding partner of arquitectura 911sc, an independent practice in Mexico City. Castillo has lectured at various institutions in Mexico and the United States and was a visiting professor at the Tulane University School of Architecture in spring 2006. Castillo has been a fellow of Harvard University's David Rockefeller Center for Latin American Studies and also of the Mexican National Council for Science and Technology. Currently a fellow in Mexico's National System of Artists, Castillo also holds a doctorate in architecture and urban planning from the Harvard Graduate School of Design.



Yung Ho Chang is a professor and head of the architecture department at the Massachusetts Institute of Technology. He has also been a professor and was the founding head of the Graduate Center for Architecture at Peking University in China. He received a master's of architecture at the University of California at Berkeley in 1984 and has received numerous design awards, including a P/A Awards Citation, a UNESCO Prize for the Promotion of the Arts, and the Academy Award in Architecture from the American Academy of Arts and Letters in 2006. In 1993, he founded Atelier Feichang Jianzhu in Beijing, China's first private architecture firm, and still practices out of the firm's Boston office.

marc boutin architect



the calgary centre for global community

site An urban lot just south of downtown Calgary, bisected by Canadian Pacific Railroad tracks and surrounded by mid- and high-rise buildings.

program A 25,000-square-foot community center with a gallery, garden, lecture hall, and movie theater, as well as a telecommunications center where schoolchildren can gather and teleconference with peers in other parts of the world. A large-scale plaza extending under the rail tracks and a garden, which meanders over the tracks, reunite the two sides of the site and the city.

solution The concepts of communication and education are central to the mission of the proposed center, and the

architecture of the center embodies these concepts in part by serving as a bridge across railroad tracks that divide the site. The building forms a cocoon around the rail lines, dampening noise and reclaiming the space above as a garden and below as a plaza. Four concrete cores support the span over the tracks and provide services to the center.

The garden and plaza are designed to be accessible at all times, and a largely glass curtain wall ensures that passersby will be exposed to some of the information on display in the galleries within. Sections of operable curtain wall offer a different kind of connection between the inside and outside worlds, as a passive sustainable heating and cooling system.

While the building knits the local community together, it also stands as a global prototype: The center may be the beginning of a series of networked institutions.

1 Bird's-eye view of the center, showing the plaza and garden.

2 View of the plaza, with its dramatically cantilevered zinc canopy.

3 Roof plan showing the intersection of tracks, building, plaza, and garden.

4 View of the exhibition route, which meanders through the building to promote visitor interaction with the center's varied program.

5 View of the lecture hall.



THE ARCHITECT

Firm: Marc Boutin Architect, Calgary, Alberta, Canada

Principal: Marc Boutin

Employees: 7

Year Founded: 1999

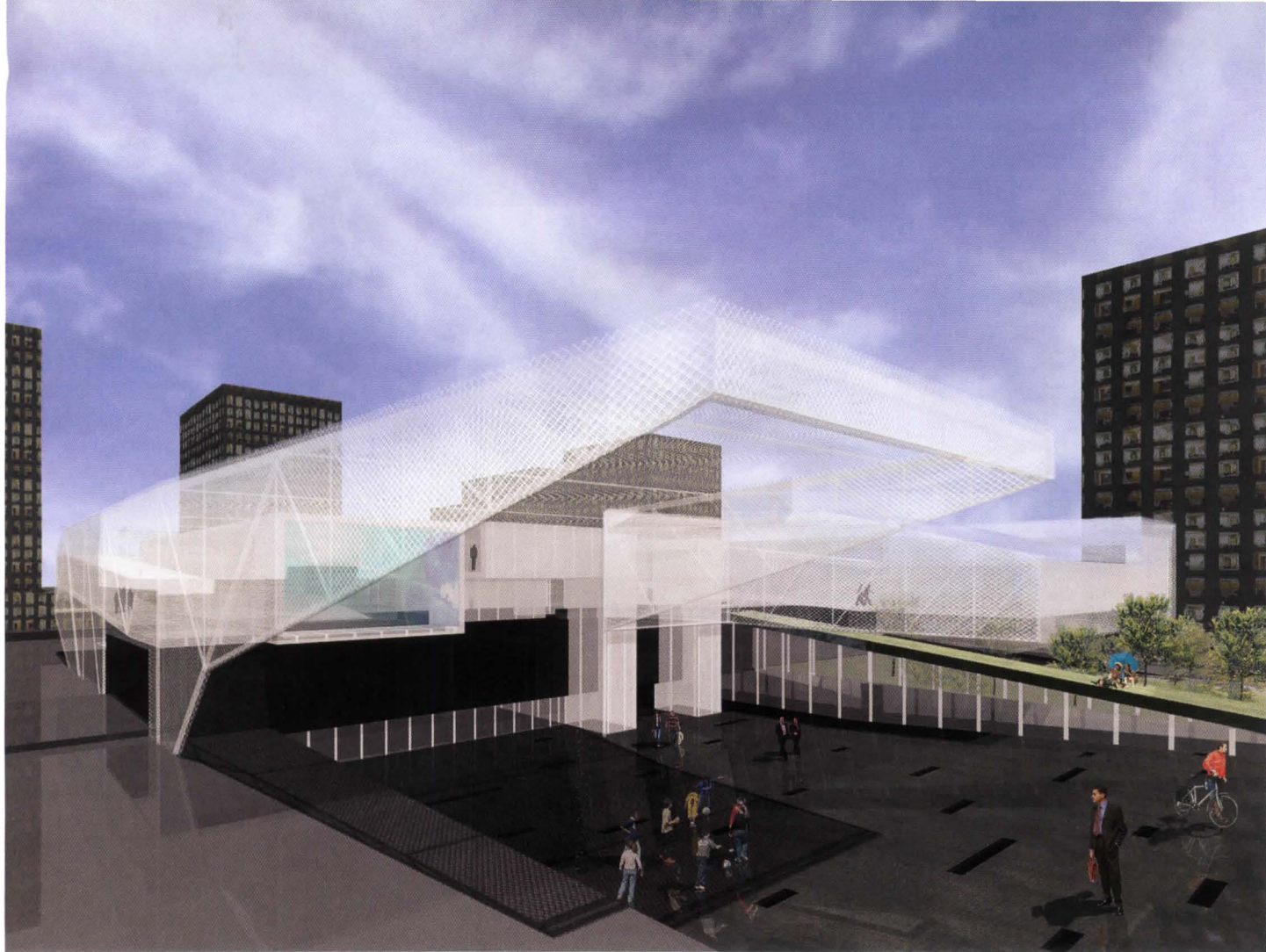
Recent Work: The Varscona Theatre, Edmonton; Epcor Centre for the Performing Arts, Calgary; Eau Claire Public Space, Calgary

Project: The Calgary Centre for Global Community

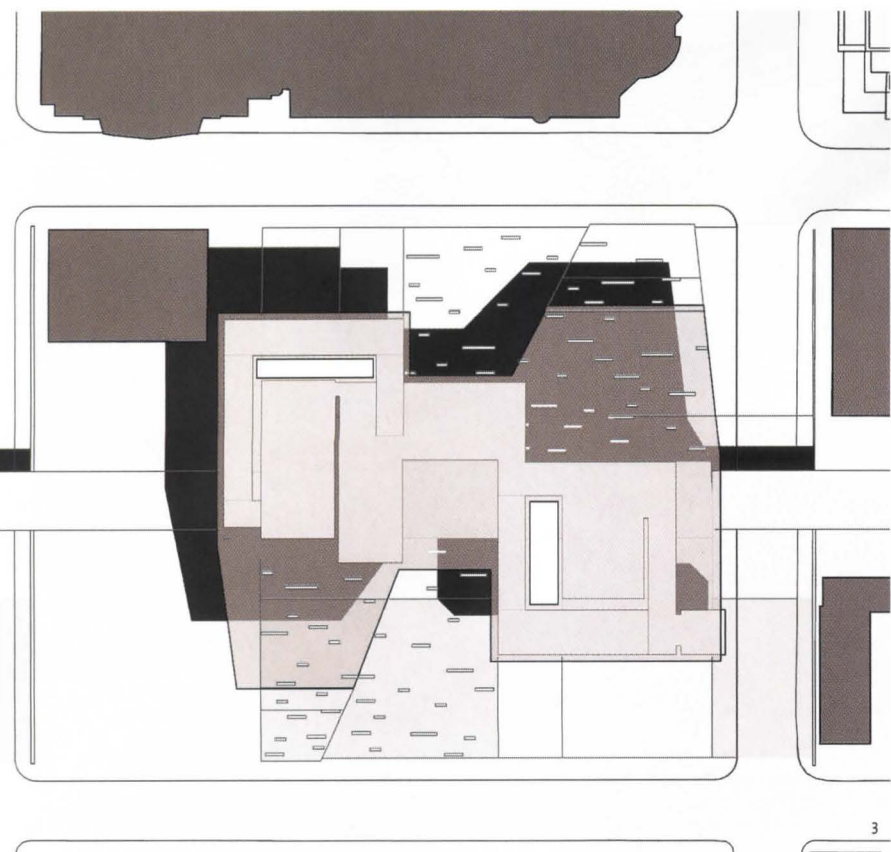
Client: Arthur Clark, M.D., and Jamie Taylor

Architect: Marc Boutin Architect—Mike DeBoer, Jerry Hacker, Robyn Robertson, Mauricio Rosa, Adam Scales, Matt Stanley, Phil Vandermeij, Marc Boutin (project team)

Engineers: Read Jones Christoffersen (structural); A.D. Williams Engineering (mechanical/electrical)



2



3



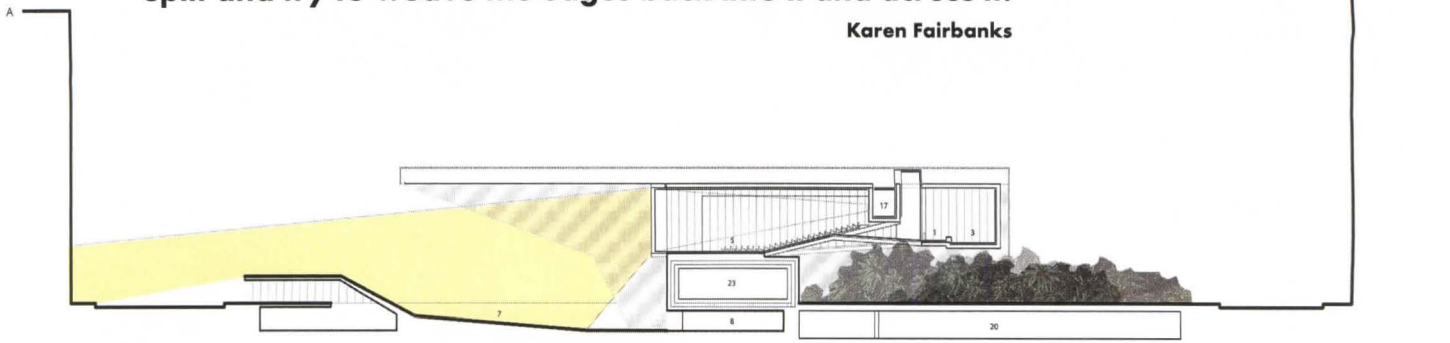
4



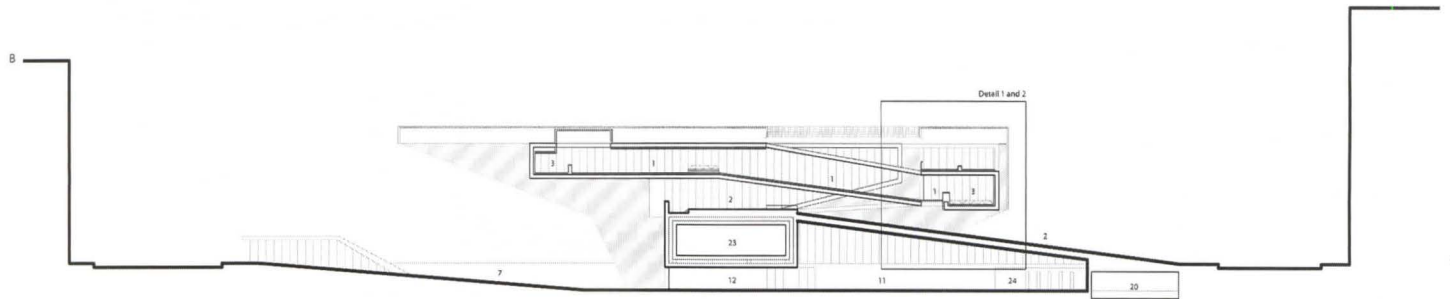
5

The urban gesture is what we like. They take a site that's split and try to weave the edges back into it and across it.

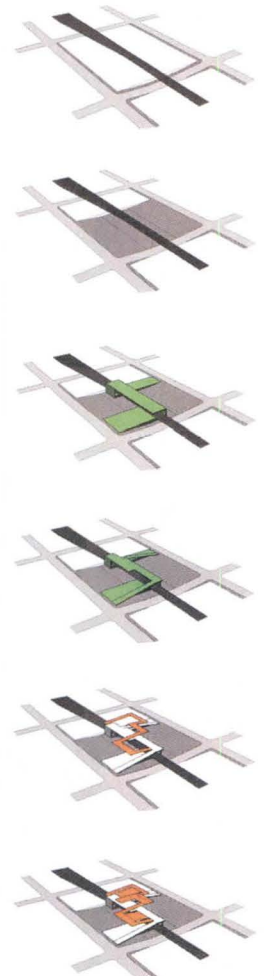
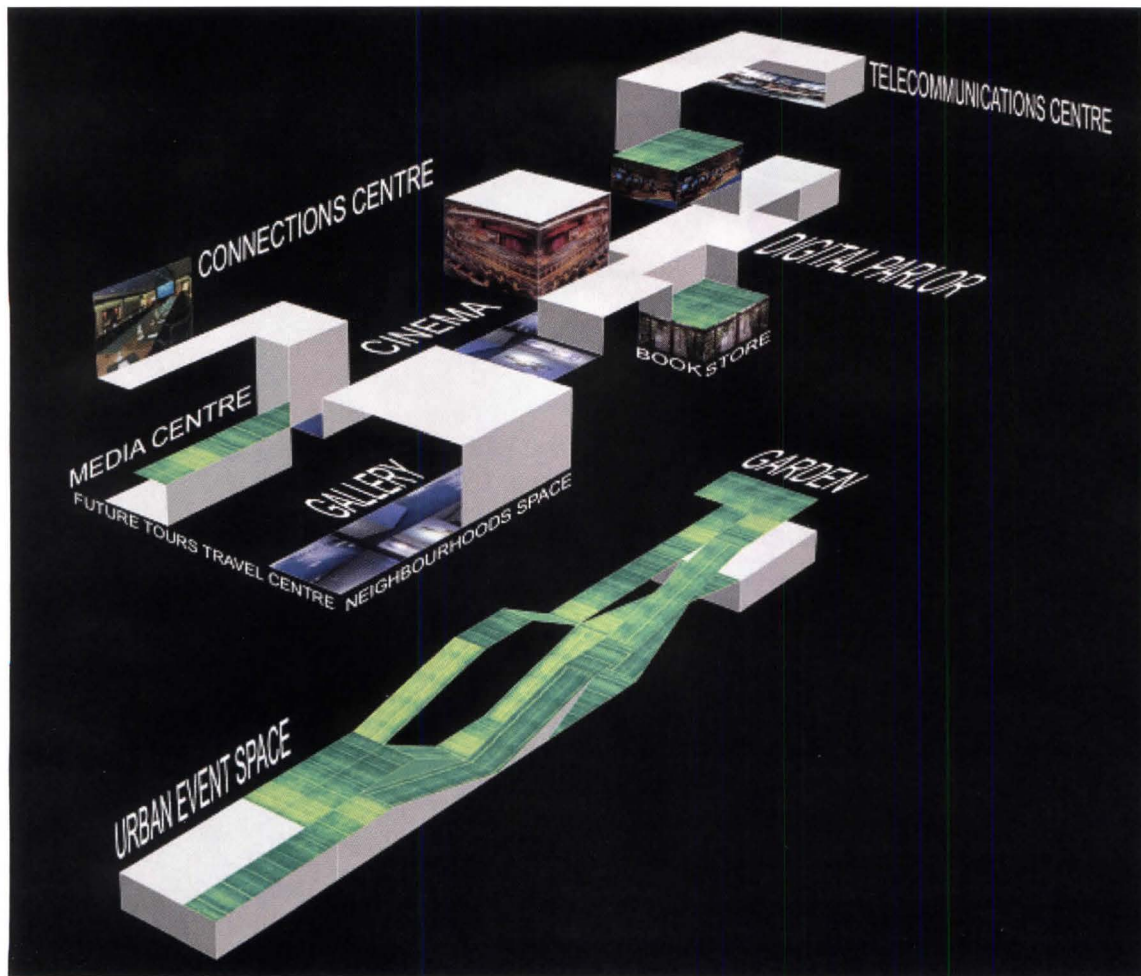
Karen Fairbanks



Grounded plate as event stage: Reversible cinema allows centre to activate both the route and the event space of the plaza.



Grounded plate as programmatic amenity to public plaza: Continuous exhibition space reveals the garden and the sky to the visitor.



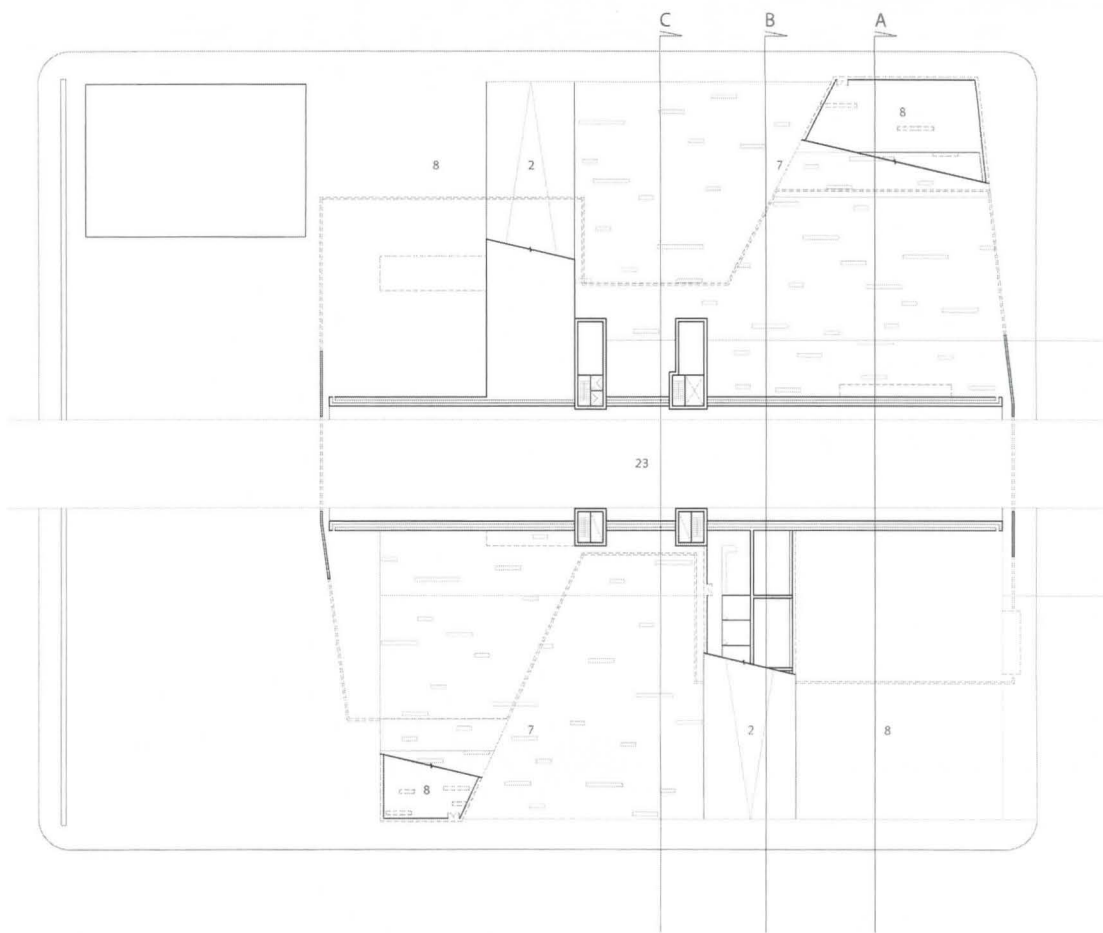
6 Section showing the lecture hall, which is designed so that projections can be seen from inside and outside.

7 Diagram of interior and exterior promenades that connect the center's public areas.

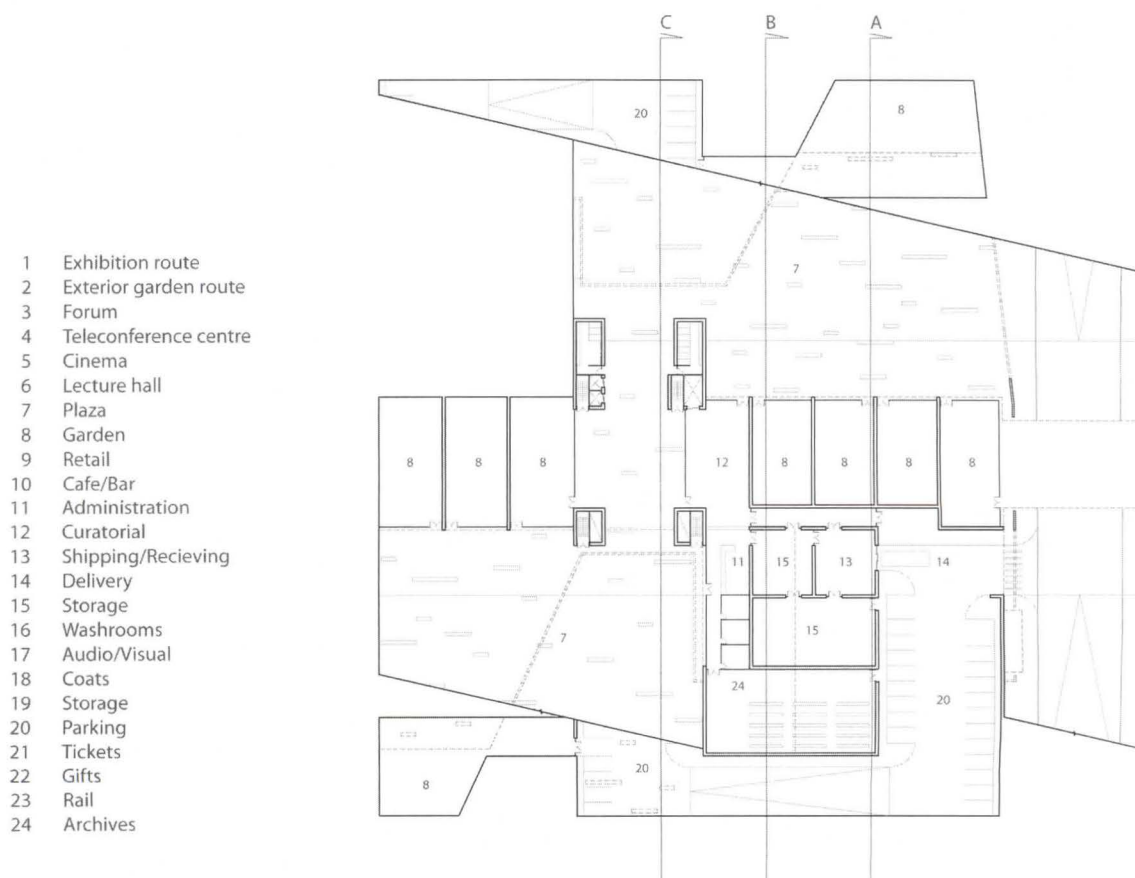
8 Diagram explaining stacked layers of urban infrastructure, plaza, garden, and interior circulation. The image at bottom shows the garden and exhibition routes encircling the tracks, reclaiming dead space.

9 Railroad-level plan.

10 Plaza-level plan.

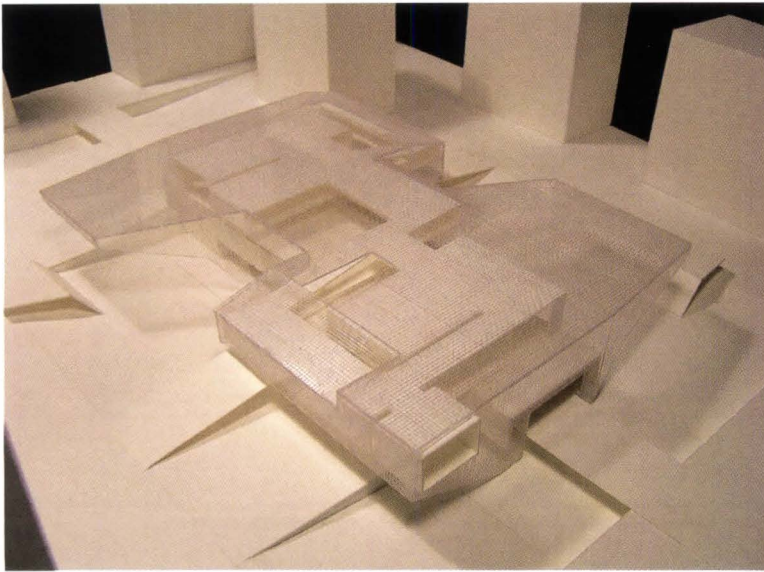


9

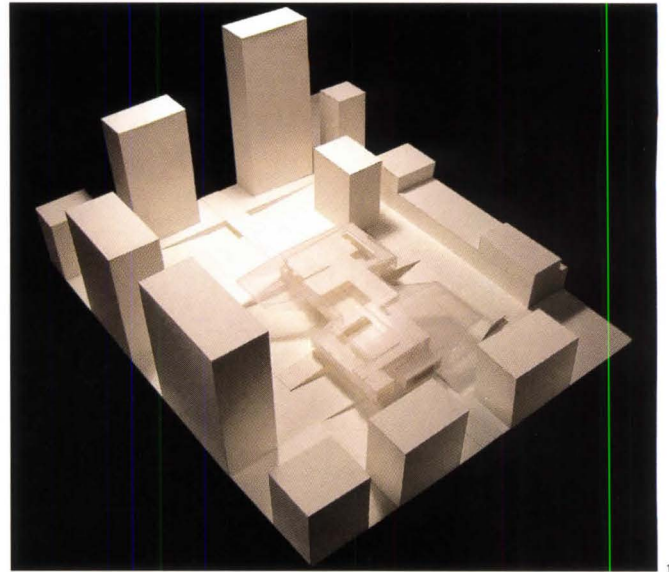


10

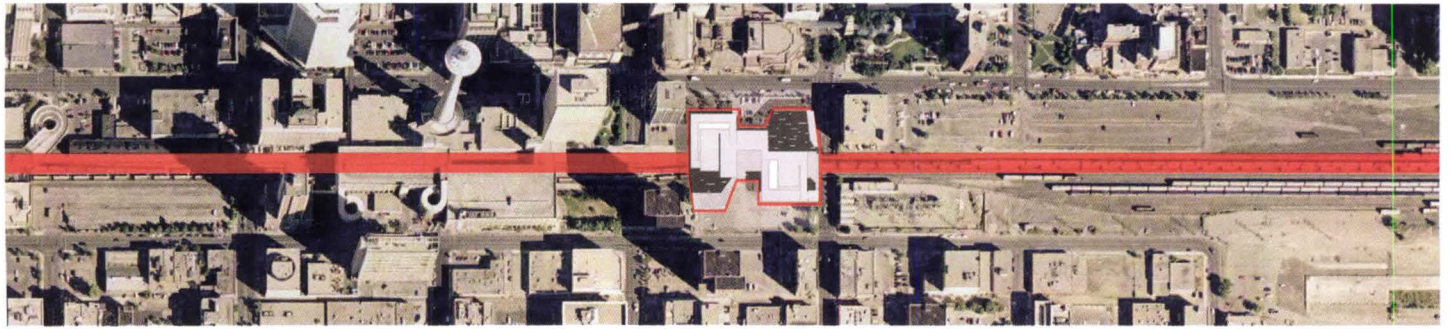
- 1 Exhibition route
- 2 Exterior garden route
- 3 Forum
- 4 Teleconference centre
- 5 Cinema
- 6 Lecture hall
- 7 Plaza
- 8 Garden
- 9 Retail
- 10 Cafe/Bar
- 11 Administration
- 12 Curatorial
- 13 Shipping/Receiving
- 14 Delivery
- 15 Storage
- 16 Washrooms
- 17 Audio/Visual
- 18 Coats
- 19 Storage
- 20 Parking
- 21 Tickets
- 22 Gifts
- 23 Rail
- 24 Archives



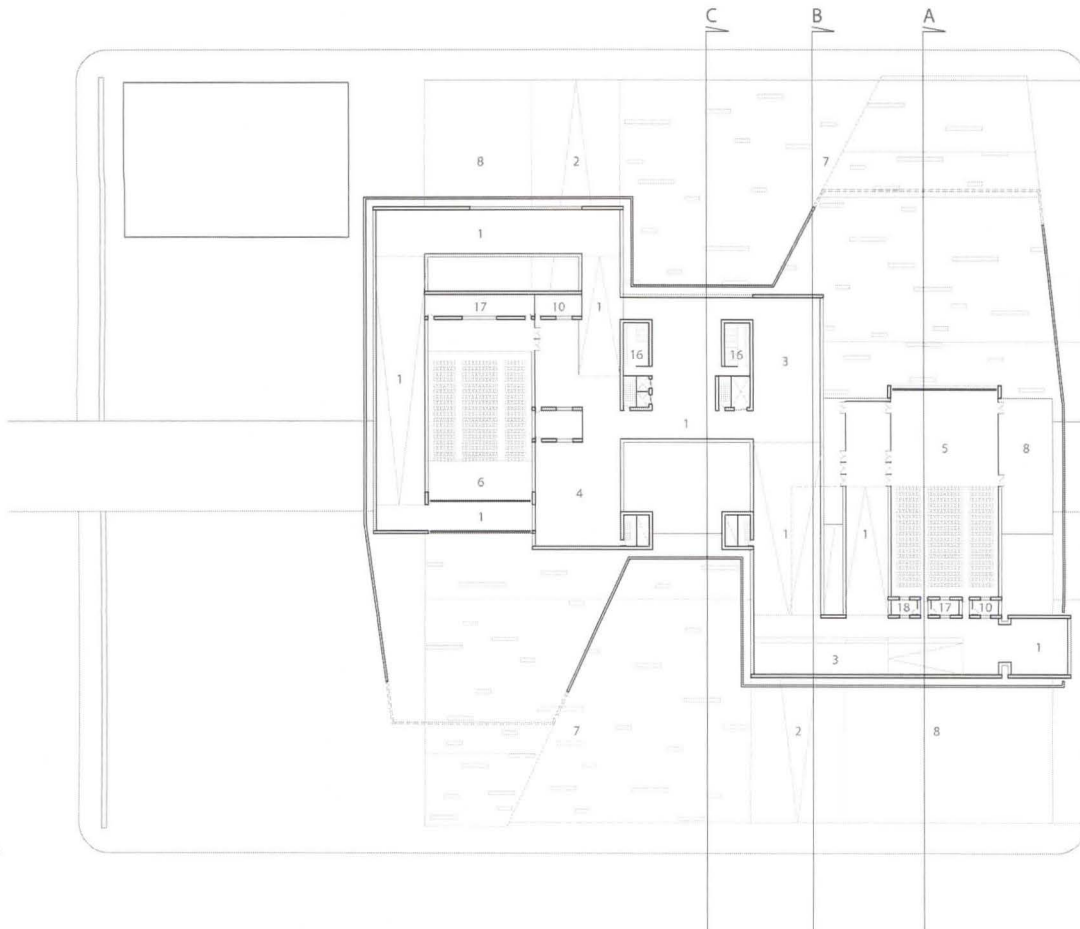
11



12



13



14

- 1 Exhibition route
- 2 Exterior garden route
- 3 Forum
- 4 Teleconference centre
- 5 Cinema
- 6 Lecture hall
- 7 Plaza
- 8 Garden
- 9 Retail
- 10 Cafe/Bar
- 11 Administration
- 12 Curatorial
- 13 Shipping/Receiving
- 14 Delivery
- 15 Storage
- 16 Washrooms
- 17 Audio/Visual
- 18 Coats
- 19 Storage
- 20 Parking
- 21 Tickets
- 22 Gifts
- 23 Rail
- 24 Archives

11 Model showing the center's cantilevered canopies.

12 The center's relatively low height distinguishes it from surrounding buildings.

13 Satellite view of railroad tracks bisecting the city. Currently, the only way across is through dark, subterranean tunnels dominated by vehicular traffic.

14 Exhibition-level plan.

15 Exterior/interior view demonstrating the complexity of the building's section.

16 Garden-level plan.



15



16

award

aziza chaouni



hybrid urban sutures: filling in the gaps in the medina of fez

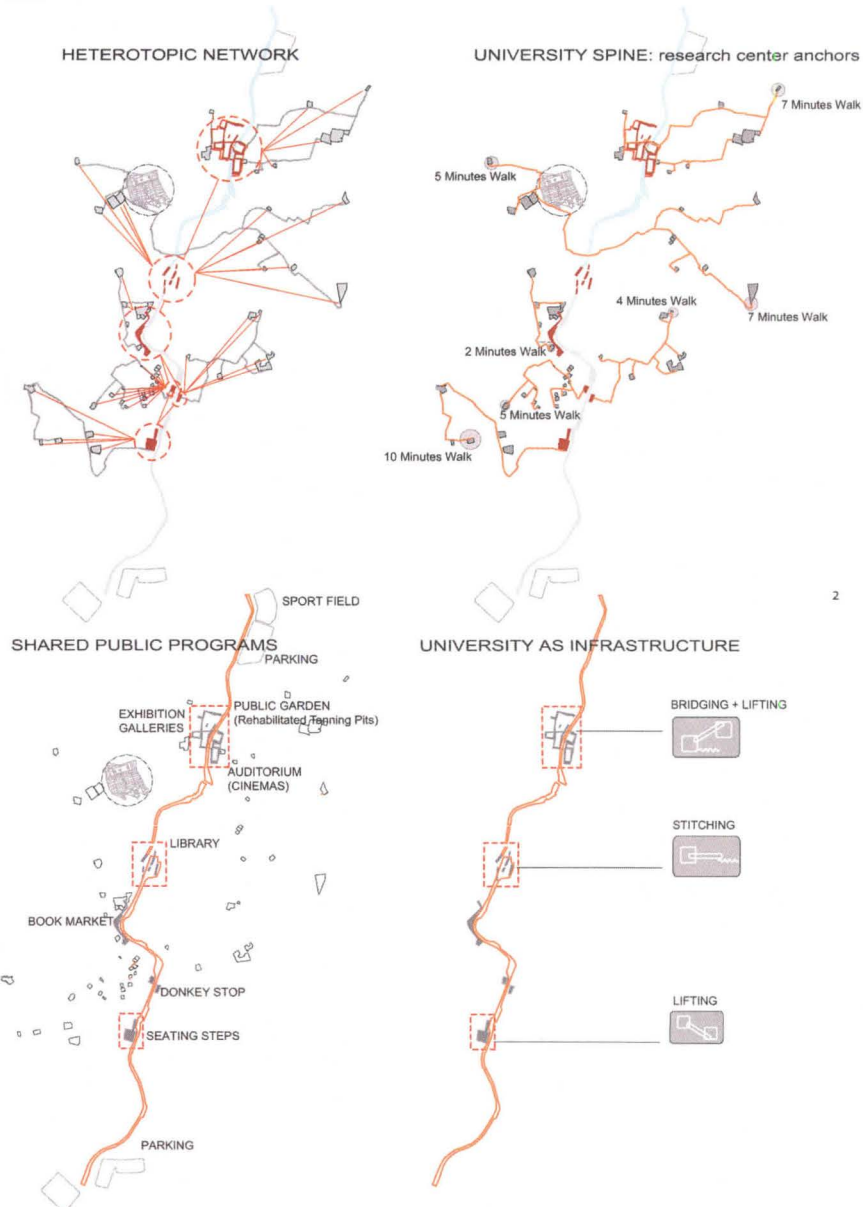
site Three locations along the Fez River in the old Medina of Fez, Morocco, which has an extremely high population density and little to no green space. Two of the locations are vacant and currently used illegally for parking, and the third is occupied by tanneries, which are slated for removal because of the toxins they produce.

program What started as a graduate thesis evolved into an in-depth independent study, based on site observations and data from the local government. The project analyzes the urban, architectural, and social issues affecting Middle Eastern historic districts. The study also includes a proposal for the use of vacant sites in the medina for much-needed services and amenities, including transportation, public parks, and a university.

solution The unifying thread in Chaouni's study is the idea of returning Fez's Al-Qarawiyn University to the medina from its modern campus in the suburbs, and in the process uniting a group of neighborhoods in transition. Regulated by fiercely insular building codes, the medina has changed little since Morocco gained independence from France in 1956.

Modern planners still butt heads with an ancestral system of organization for markets and residential areas, which offers precious little room for green space and public programming. The new infrastructure of the university would double as public space for residents of the medina—adding basic amenities such as pedestrian pathways and public gardens, as well as cultural facilities such as libraries and galleries.

University research centers would encourage community involvement and provide planning solutions for the city. The three sites selected for these centers would act as anchors along the spine of the Fez River within a network of new and existing roadways and pedestrian streets. The study is slated for publication by Paris' Editions Le Fenec.



It's not a private commission. It's not a beautiful, isolated, autonomous project. And to recognize that as successful is important.

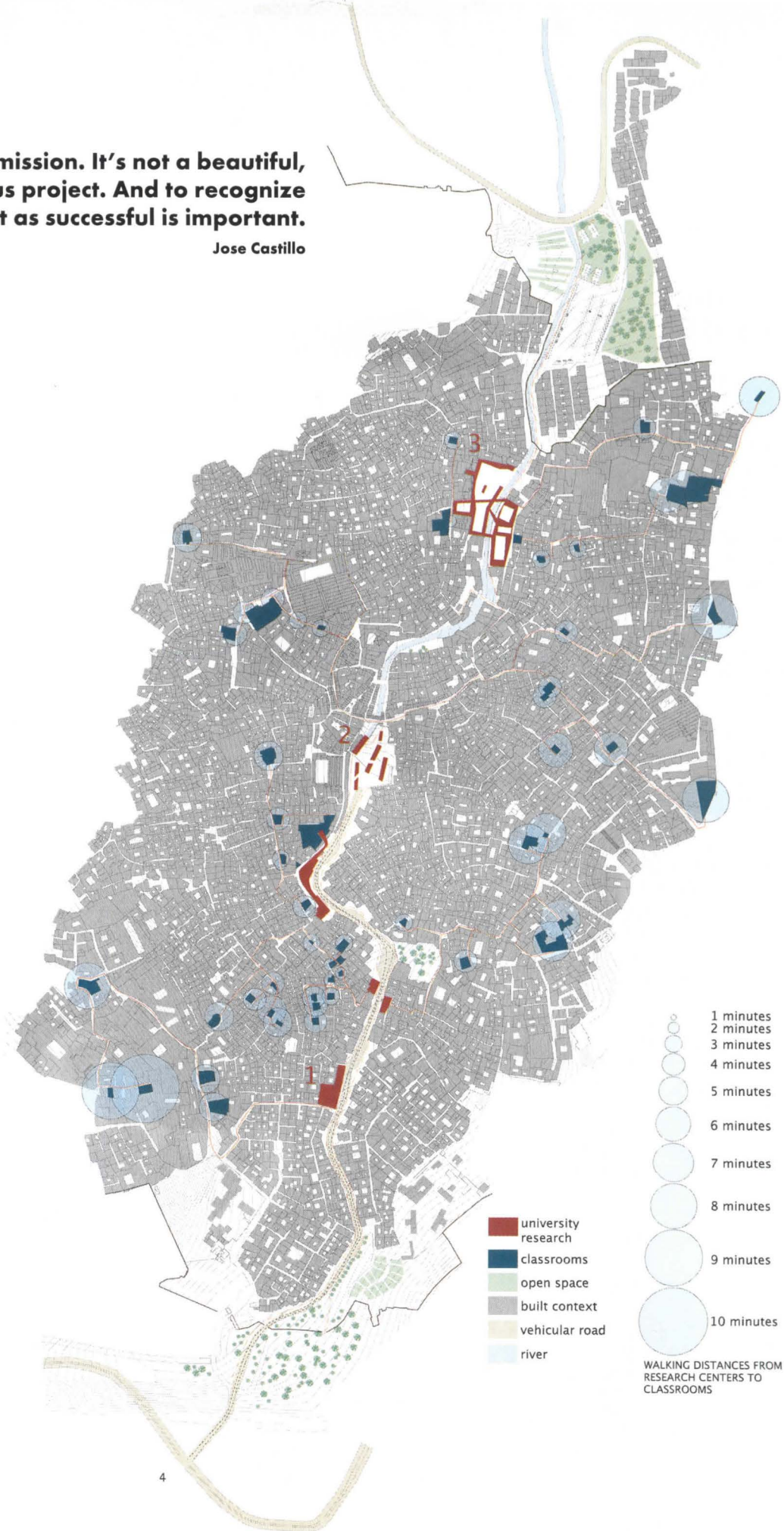
Jose Castillo

1 View of the Medina of Fez.

2 Maps focusing on one aspect of the proposed plan to revitalize the medina, including the location of university sites, the location of public spaces along the Fez River, and proposed methods of creating infrastructure.

3 Views of the medina's historic streets, which are extremely narrow and alley-like, overcrowded with people.

4 A map of the medina, showing the varying types and scales of interventions that Chaouni's research proposes. Beyond the overarching idea of a university system, she also considers the locations of classrooms, identifies areas for green space, and suggests additional infrastructure to improve circulation in the area.



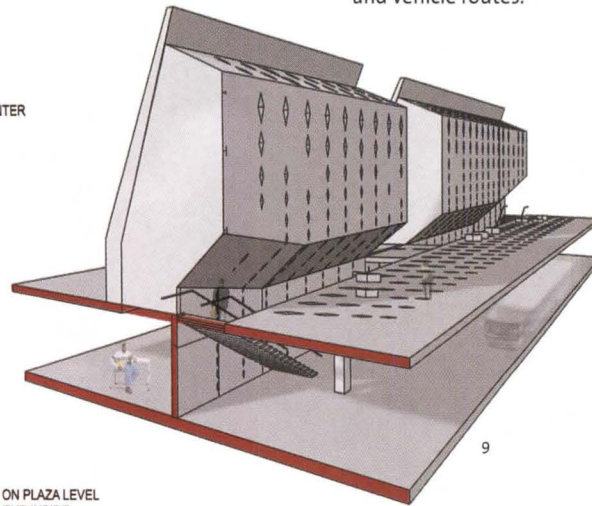
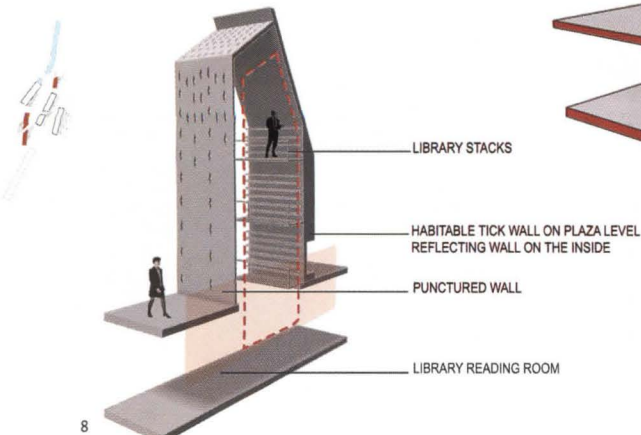
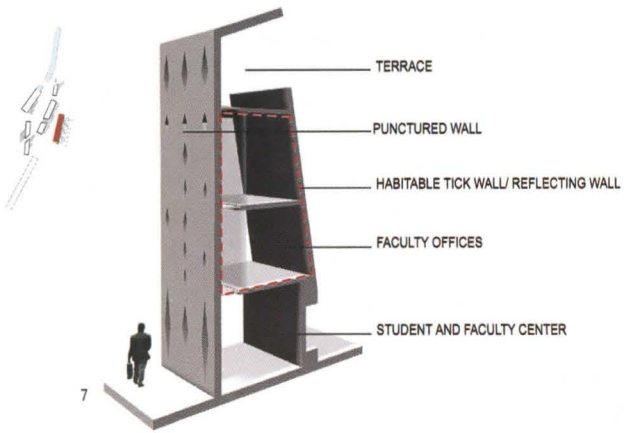
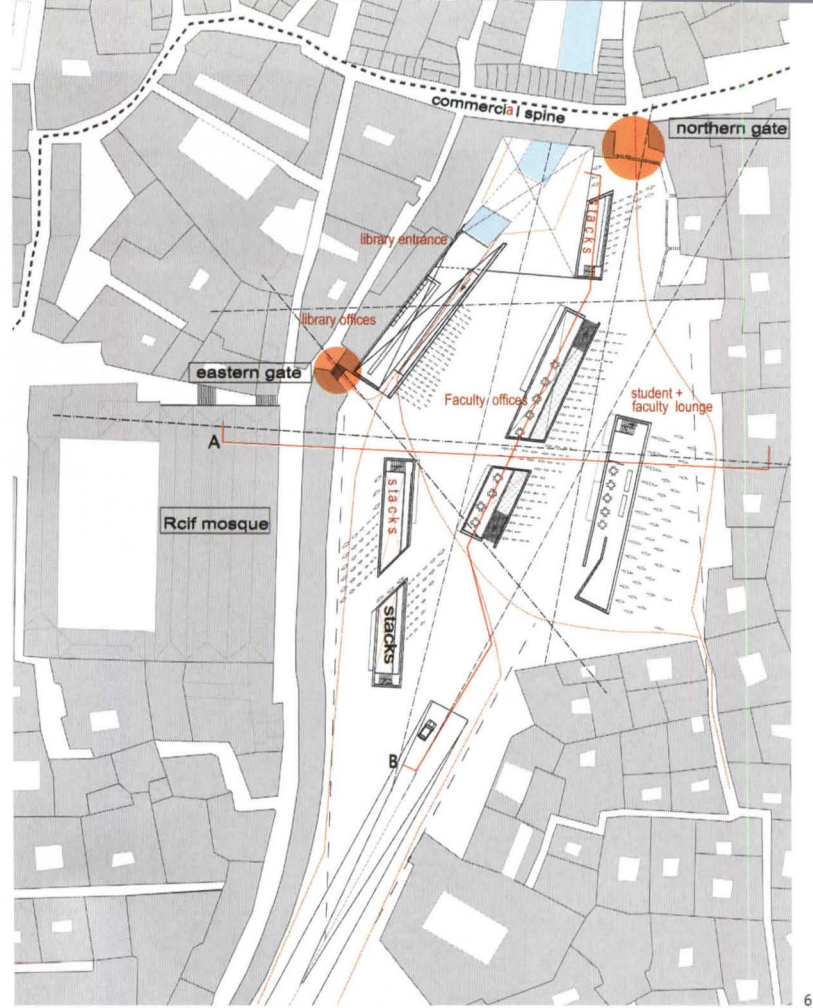
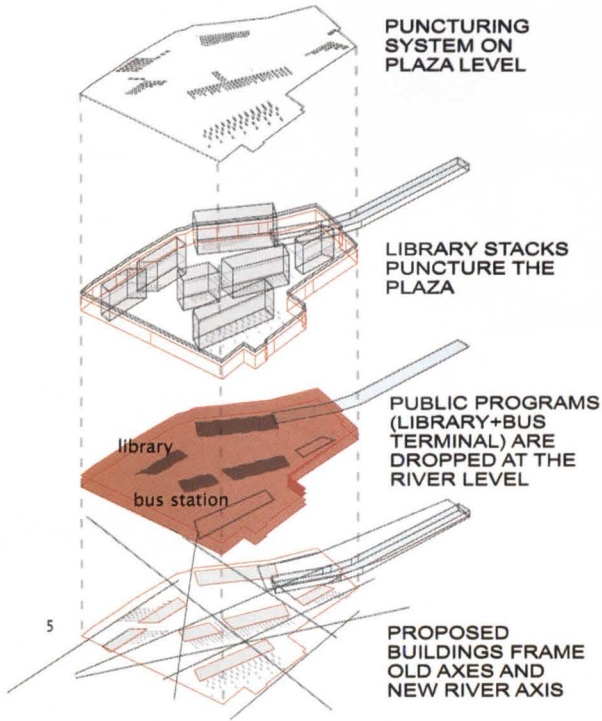
Project: Hybrid Urban Sutures: Filling in the Gaps in the Medina of Fez

Client: self-initiated research

Architect: Aziza Chaouni

Advisor: Hashim Sarkis

Funding: Appelton Traveling Fellowship, Harvard University, Department of Architecture

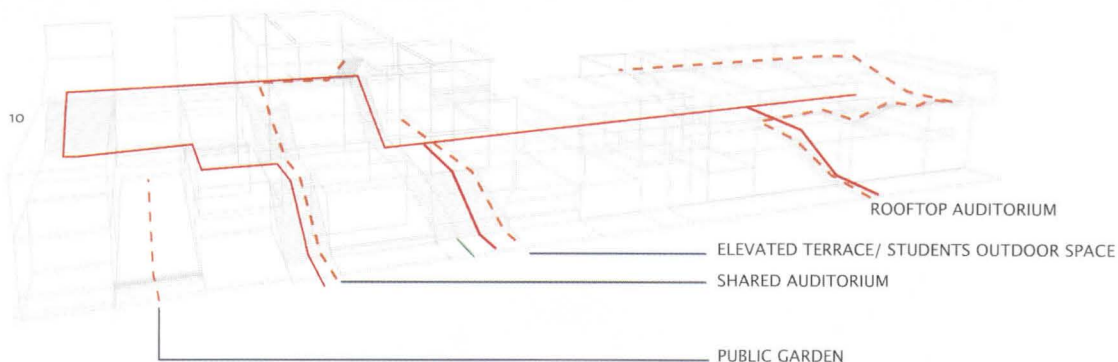


5-6 One proposed intervention is the addition of a theology research station, library, and bus station into the Rcif Plaza, which is currently a bottleneck for pedestrian and vehicle routes.

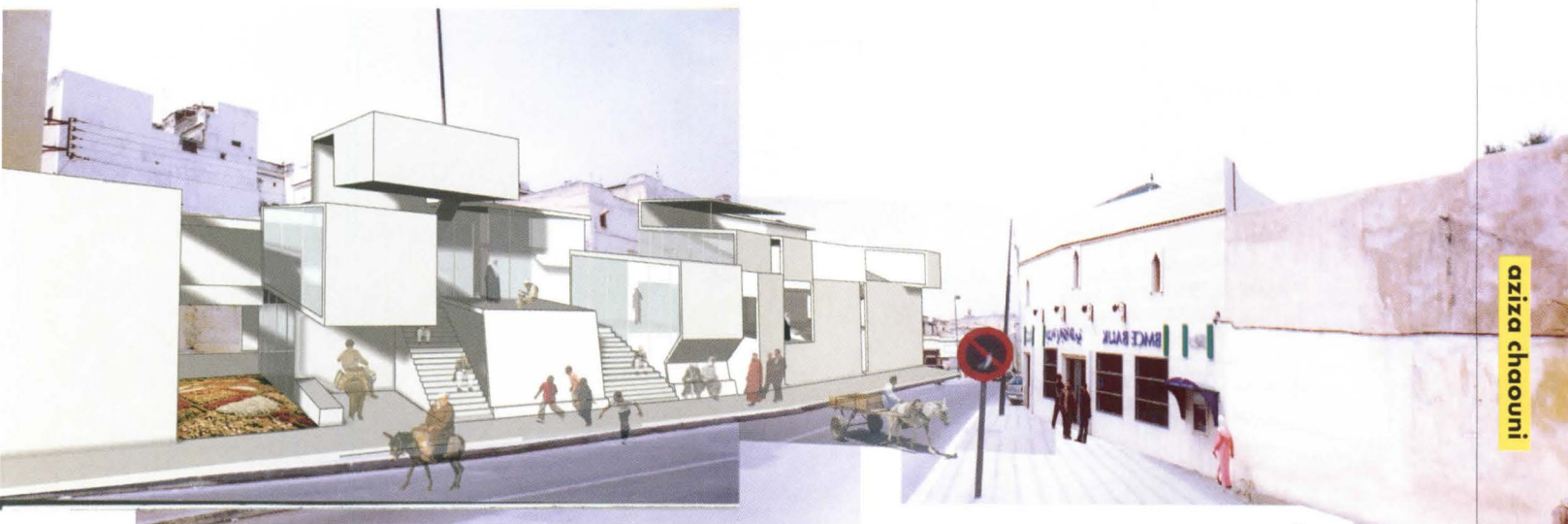
The proposal would insert several buildings, including classrooms and library stacks, to serve as flow control for the people moving through, helping to organize the chaotic environment. The plan incorporates a research center that accommodates public programs as well as individual study.

7-9 Studies for the Rcif Plaza scheme focus on the library stacks (7), the faculty offices (8), and the bus station (9). The punctured walls allow light filtration, promote interaction between the university and public space, and create visual texture for passersby.

10 A circulation diagram of the proposed economics research center, which serves as a bridge between the main campus and classrooms and between a residential quarter and the road.



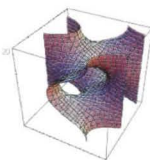
11 The center's street façade.



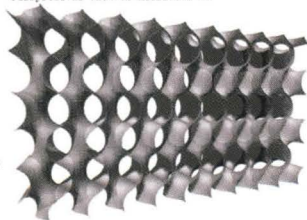
11

12 Study for the patterned walls of the theology center, using a computer algorithm to generate motifs inspired by local mosaic art.

Surface A:
 Formula
 $Coz(x) Sin(z) + Coz(y) Sin(y) + Coz(z) Coz(y)$
 Unit Block A1
 param [0,1], [0,1] => [0,2PI], [0,2PI], [0,2PI]

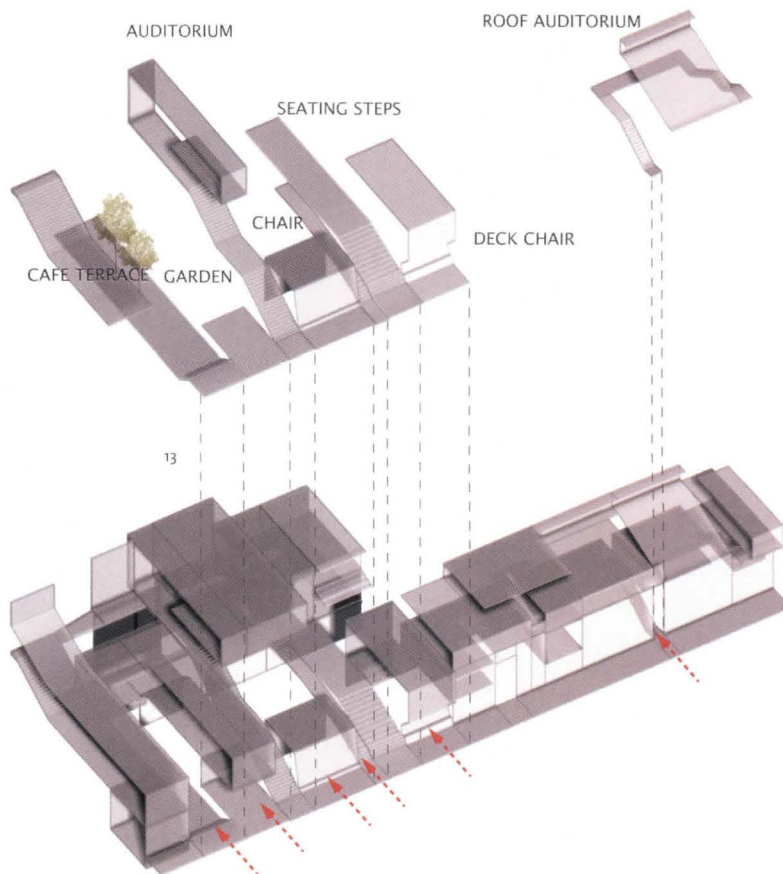


Perspectival view of Accretion A1



12

13 Exploded diagram showing locations for students and passersby to gather, interact, and relax.



13



THE ARCHITECT

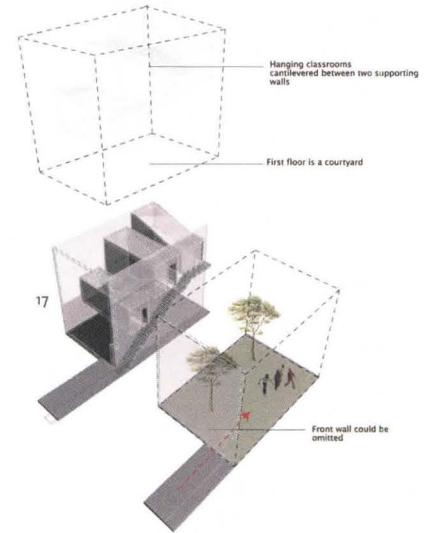
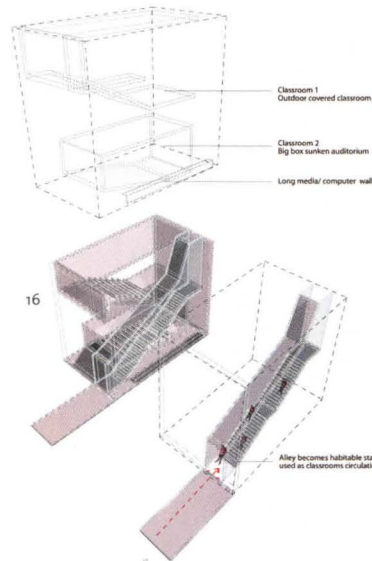
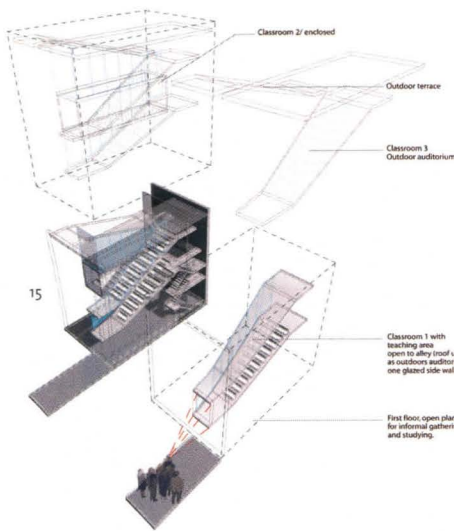
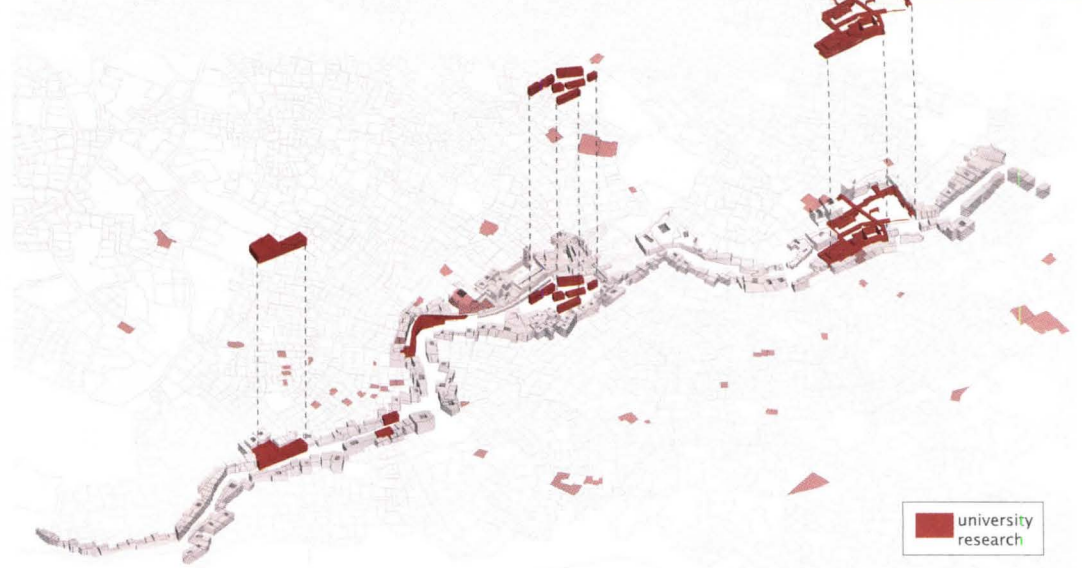
Name: Aziza Chaouni

Position: Aga Khan Research and Teaching Fellow

Institution: Harvard University Graduate School of Design

14 Exploded site plan showing the integration of university facilities along the spine of the Fez River and throughout the medina. Light-pink spots indicate classroom spaces for community-based study.

15–17 Three models for a classroom typology that interacts with the alleys that connect all existing open spaces in the medina. The models offer ideas for semi-enclosed, totally enclosed, and open-air classrooms.



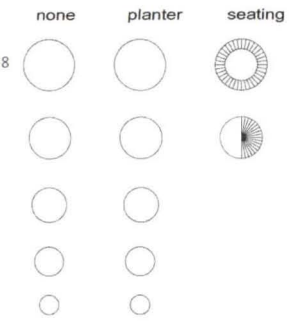
PUBLIC SPACES ANALYSIS: CONTINUITY AND ADAPTIVE REUSE

Traditional Public Spaces

	ACTIVITIES	FORMAL TYPOLOGY	SIGNIFIERS OF PUBLICNESS	SPACES OF PUBLIC GATHERING	
GLOBAL	MOSQUE	religious + educational	organization around courtyard	large entrance door + minaret	praying area—ablution courtyard
	MEDERSA	religious + educational	organization around courtyard	decorated door	courtyard
	FOUNDUK	commercial + social	organization around courtyard	decorated door	courtyard
	SOUK	commercial + social	organic clustering of shops by guild, covered kissaria, small square	street activity	street + covered street
	SANCTUARIES	religious + social	small, domed building	dome + candel stalls	zaouia + saint tomb
	CITY GATE	commercial + social	large entrance arch with informal square	scale + activity	garden
	PUBLIC GARDEN	leisure	green areas with fountains	scale + activity	garden
LOCAL	PUBLIC FOUNTAIN	domestic + social	placed at corner of small square	fountain square (Saha)	street
	HAMMAM	domestic + social	introverted space with centralized organization	dome + chimney	common bathing areas
	OVEN	domestic + social	introverted space		waiting area

New Public Spaces

MUSEUM	leisure	reuse of private palace organization around courtyard	sign	courtyard
MOVIE THEATRE	leisure	change of residential units	movie posters on façade	lobby
CAFES	leisure	small units open to street	porosity of façade + terrace	sitting area
YOUTH CENTER	leisure + educational	reuse of residential unit organization around courtyard	sign	courtyard
PUBLIC TRANSPORTATION TERMINAL	transportation	informal gathering	scale + activity	waiting area



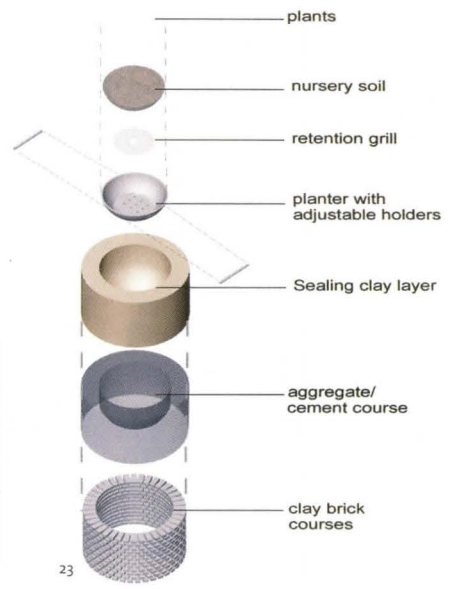
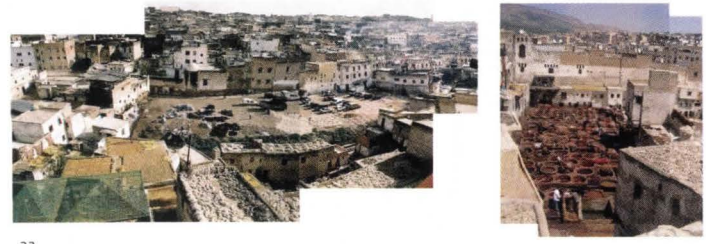
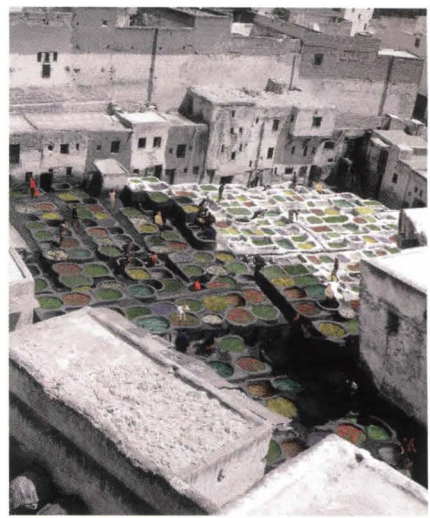
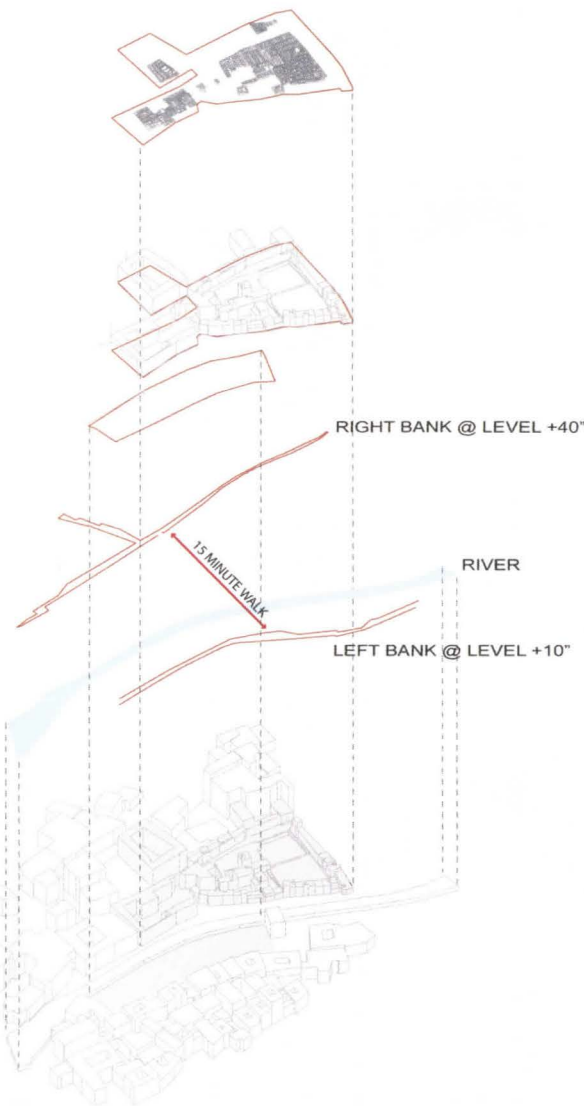
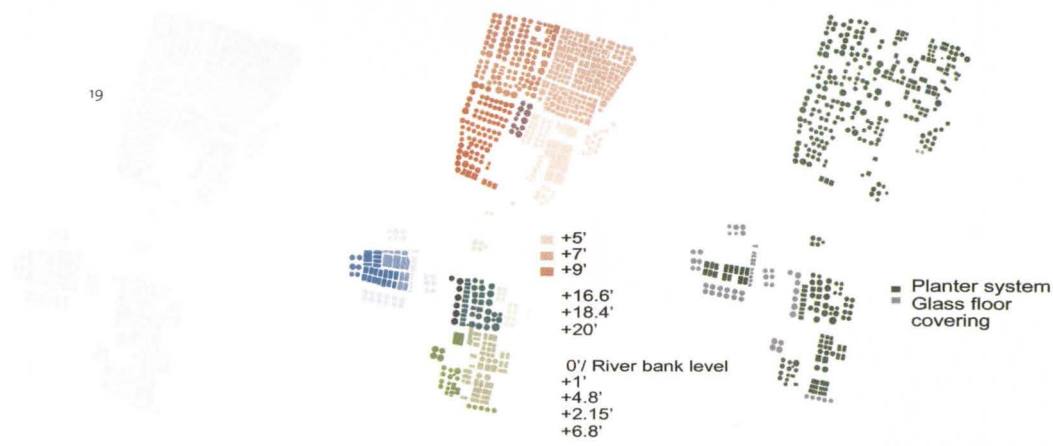
18 One of the key sites along the Fez River has been in use as a tannery, with open pits for treating leather. A diagram of common pit sizes helps determine possible new uses for the pits.

19 Plan of the pits, showing their depths and an assessment of how many could sustain planters to reclaim the area as urban green space.

20 Exploded diagram of the tanneries site, moving upward from streetscape to site plan to pit locations.

21-22 Collage renderings showing the intended result transforming the pits into planters (21), and existing conditions on the left bank and right bank sites, currently used as a drying yards (22).

23 An adjustable planter system devised to take advantage of the tannery pits, with solutions for how to keep the toxified soil from affecting the plantings.



award

michael maltzan architecture

pittman dowell residence

site A six-acre, three-tiered site in La Crescenta, Calif., originally intended as the location for a series of Richard Neutra houses, only one of which (the Seruinic Residence, 1952) was ever built.

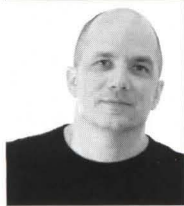
program The 2,500-square-foot single-family residence is based on the geometric principle that no matter how one divides a volume, when the pieces are put back together the total volume is the same. The result is a one-bedroom, single-level house with living and dining areas and a library, oriented around a courtyard.

solution Geometric studies resulted in the division of the program into a series of wedge shapes. In plan, the house is a heptagon (a seven-sided polygon), with an internal courtyard enclosed by floor-to-ceiling windows, which allow occupants to see the angles and geometries play off one another.

In keeping with the ideals of the midcentury Case Study houses, the architects integrated the outside environment with the house's interior. Exterior glazing varies from full walls of glass to vertical and horizontal slits that carefully frame views.

The house's placement on the site makes its transparency undetectable by neighbors and passersby. Accessible only by a highly curved drive, the house sits below street level on a terrace beyond the Neutra house and a pre-existing garden planted by the owners.

Patterned materials such as hexagonal concrete pavers, concrete-stripe pavers, and punched sheet metal sunshades reinforce the house's unusual geometry and create texture in the floor planes and through the play of light entering the spaces.



THE ARCHITECT

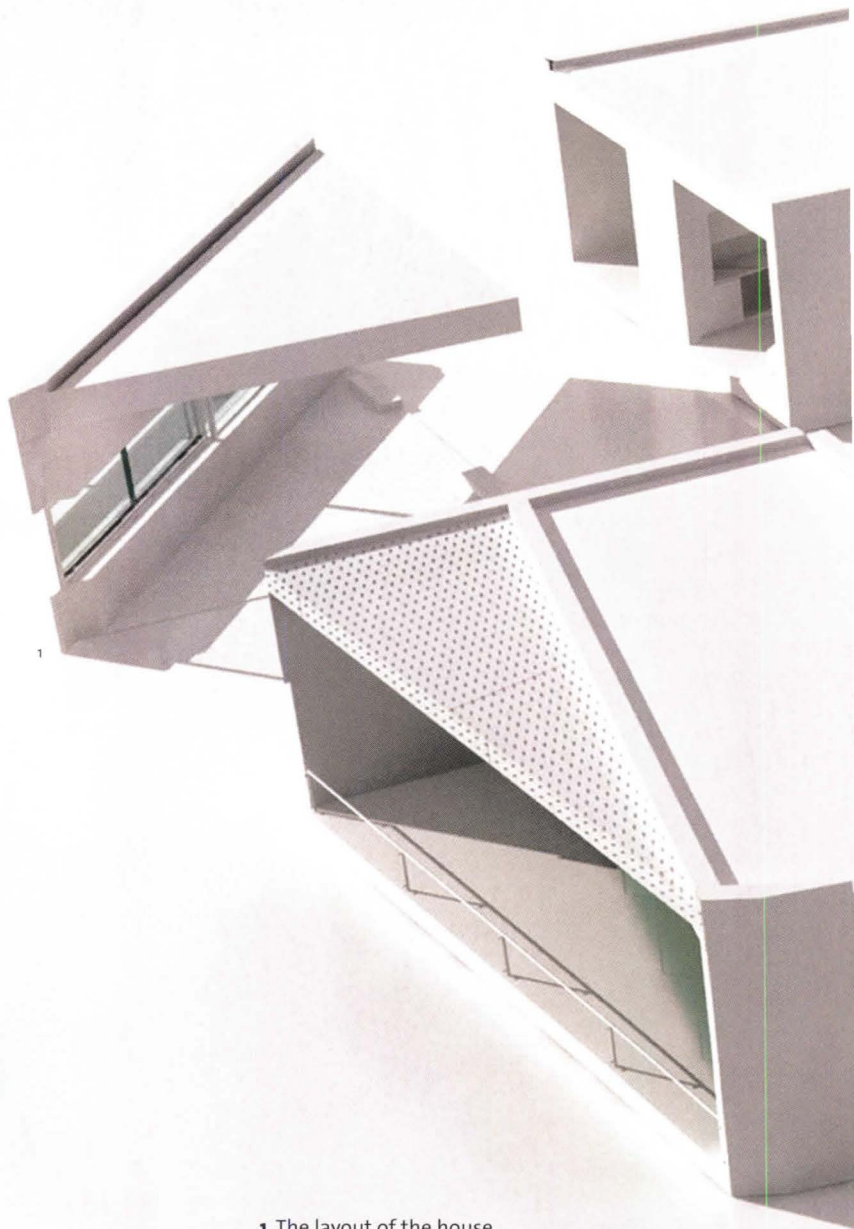
Firm: Michael Maltzan Architecture, Los Angeles

Principal: Michael Maltzan

Employees: 15

Year Founded: 1995

Recent Work: Pirelli Re Offices, Milan, Italy (unfinished); Jet Propulsion Laboratory, Pasadena, Calif.



1 The layout of the house is a geometric puzzle of wedge shapes that add up to a seven-sided form.



2



3

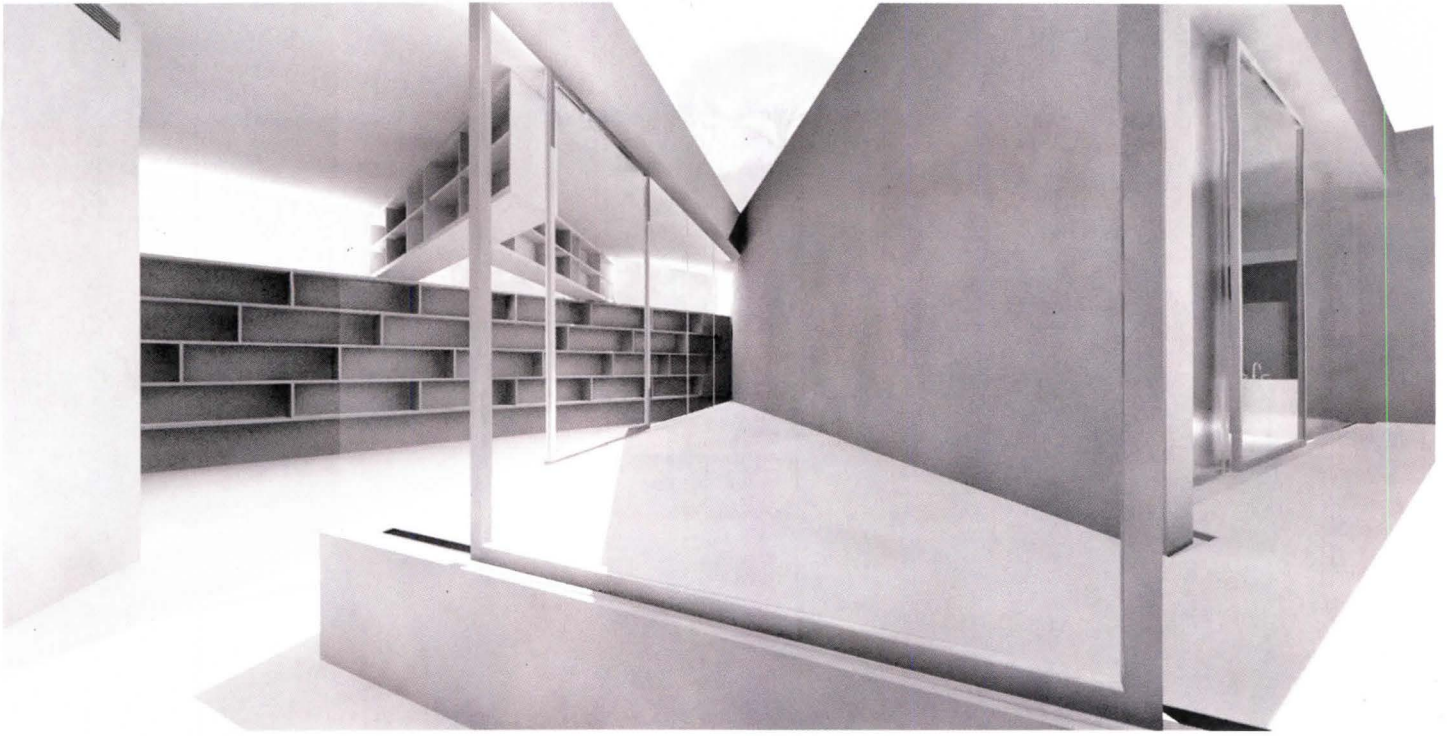
2-3 Rotations of the model show the complexity of the house's seven-sided form. When turned one-seventh of the way around, the overall shape of the structure and its roof plane appear to change.



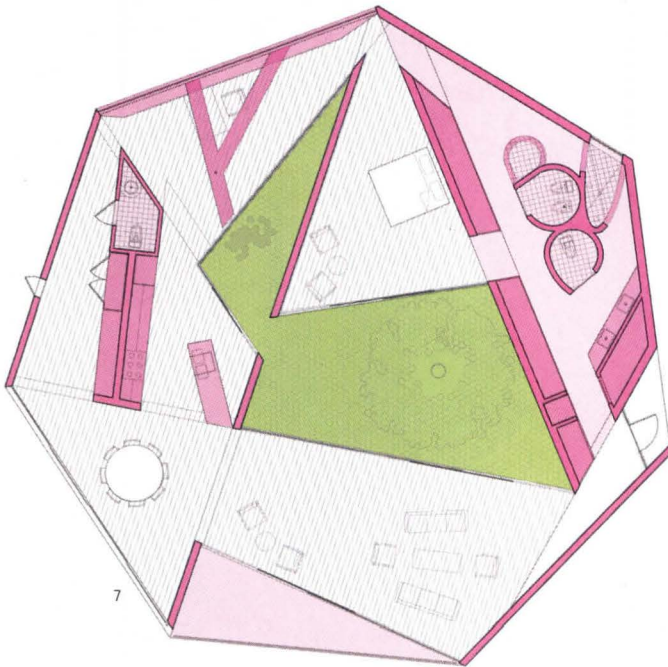
Project: Pittman Dowell Residence
Client: Lari Pittman and Roy Dowell
Architect: Michael Maltzan
 Architecture—Michael Maltzan
 (principal); Tim Williams (associate
 in charge); Steven Hsun Lee (project
 designer); David Freeland, Hiroshi
 Tokumaru, Christoph Plattner,
 Nadine Quirnbach, Wil Carson,
 Christopher Lee (project team)
Engineer: B.W. Smith (structural)
Contractor: Asterisk Construction

4–5 The model's interior demonstrates the fluidity of the house's layout, despite the angularity of the individual spaces.

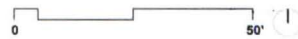




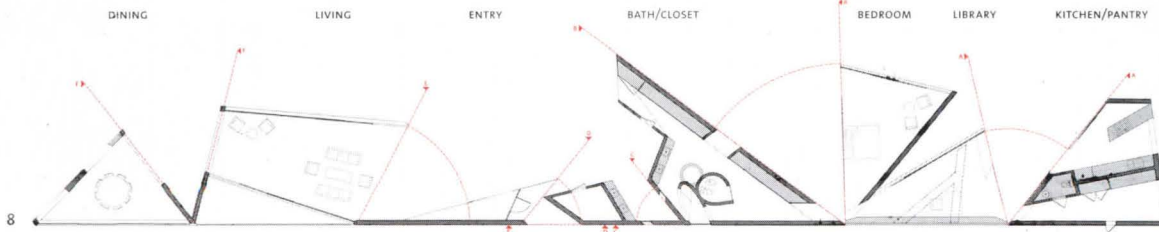
6



7



DINING LIVING ENTRY BATH/CLOSET BEDROOM LIBRARY KITCHEN/PANTRY



8

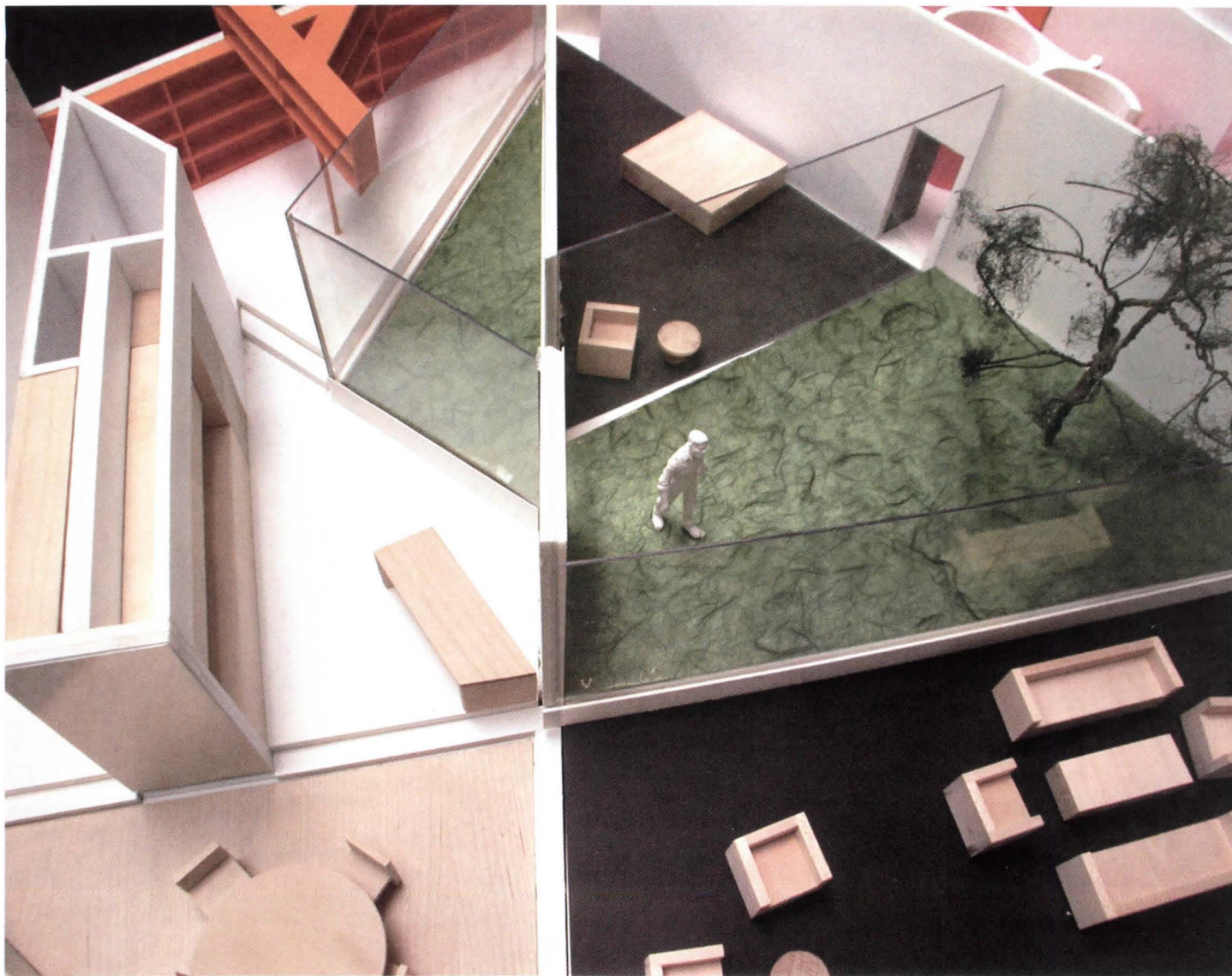
6 View through the courtyard into the library.

7 In the house's plan, the only curvilinear forms are the bathrooms—small, organic pods within the larger polygonal spaces.

8 Diagram of the house's wedge-shaped interiors, unfolded, with the seven-sided perimeter wall flattened into a straight line (at bottom).

9 Bird's-eye view of spaces that flank the house's interior courtyards.

10 View of the main courtyard from the dining room.



9

**This one is trendy, but
it's strong: You cut,
and you fold, you cut,
and you fold.**

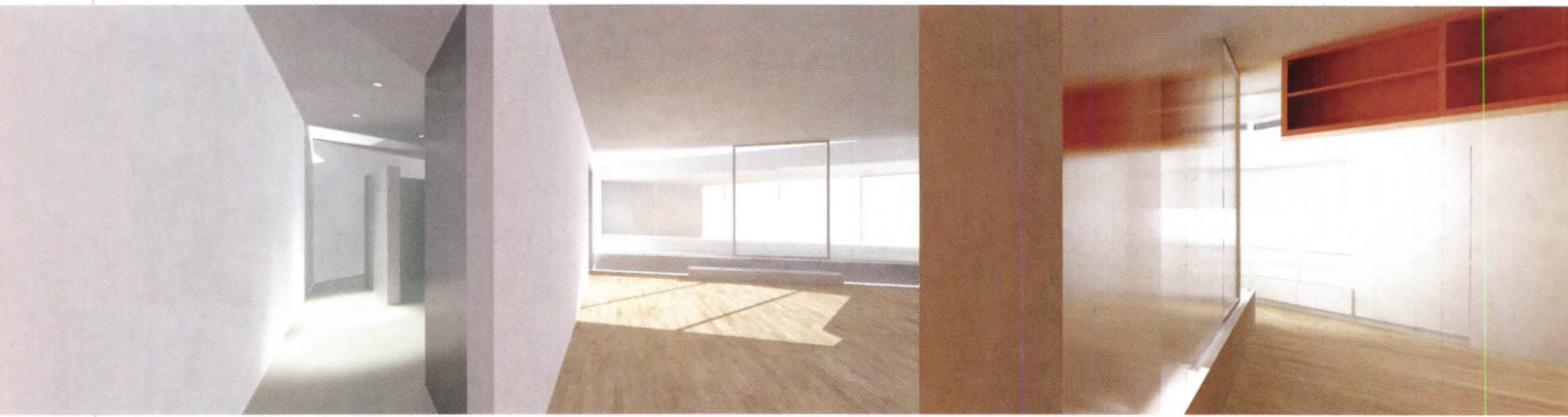
Giuseppe Lignano



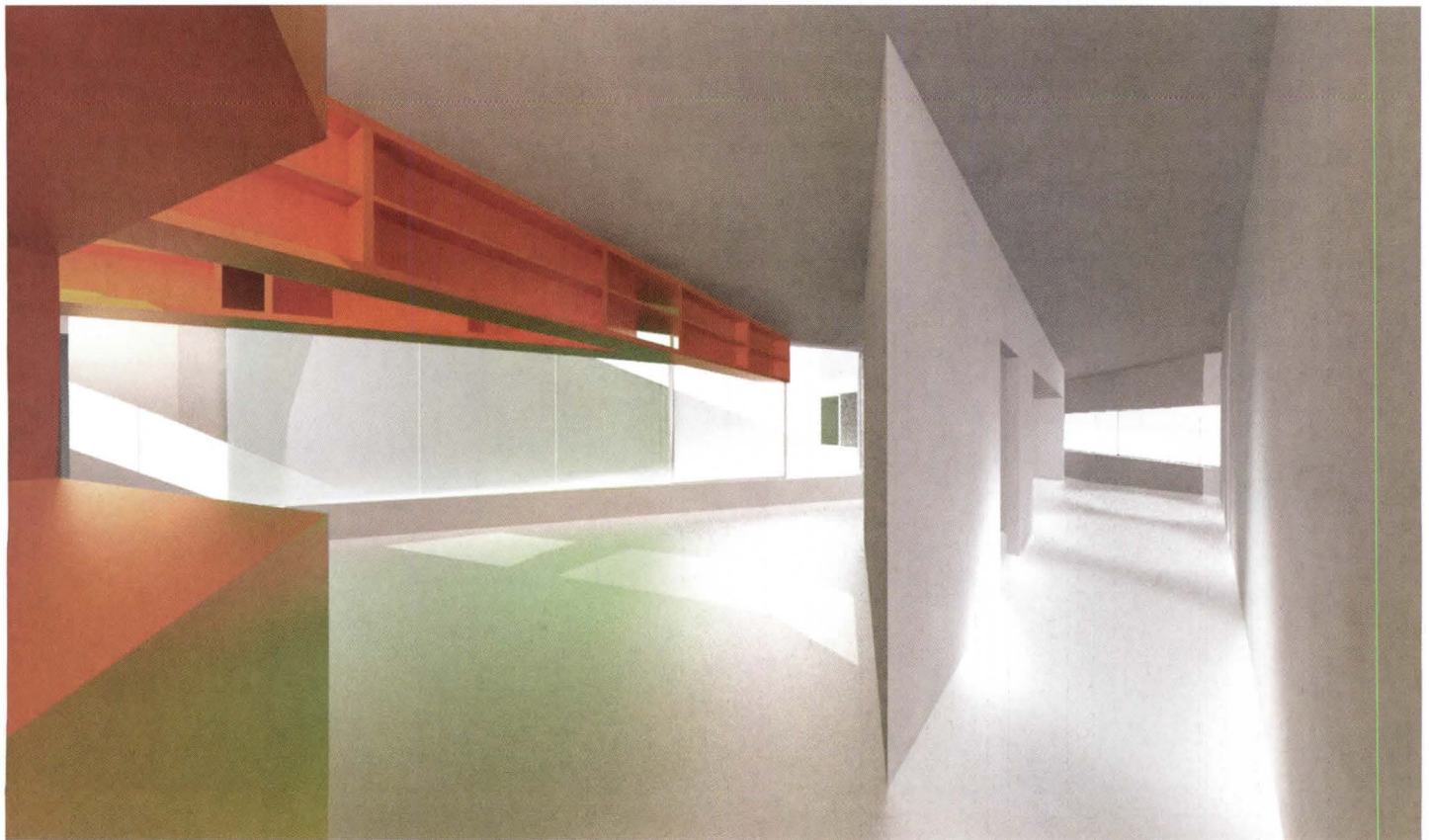
10



11



12



13

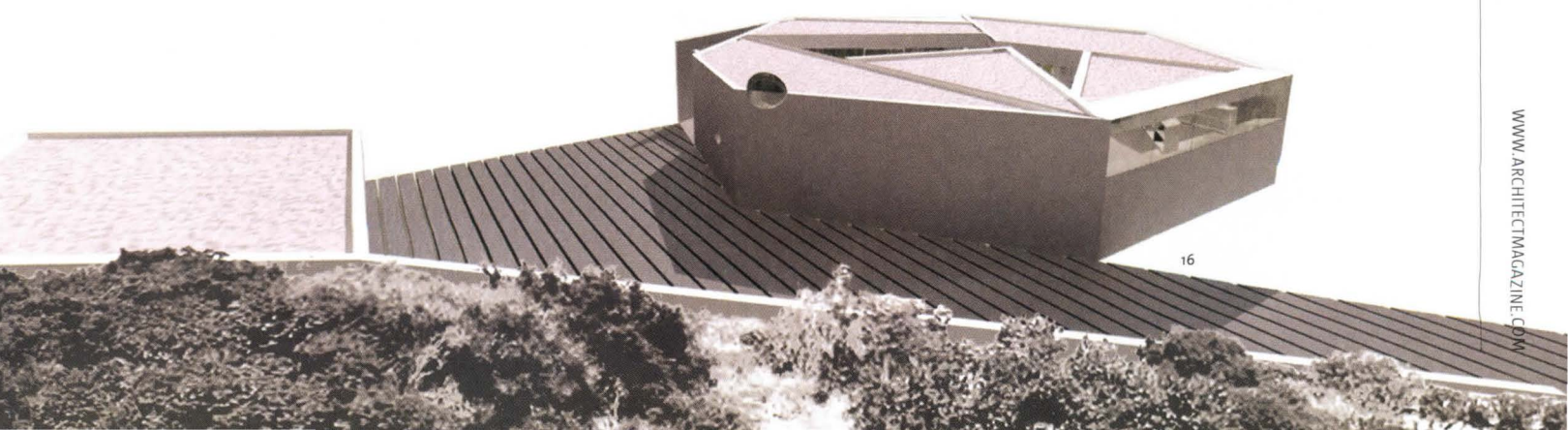
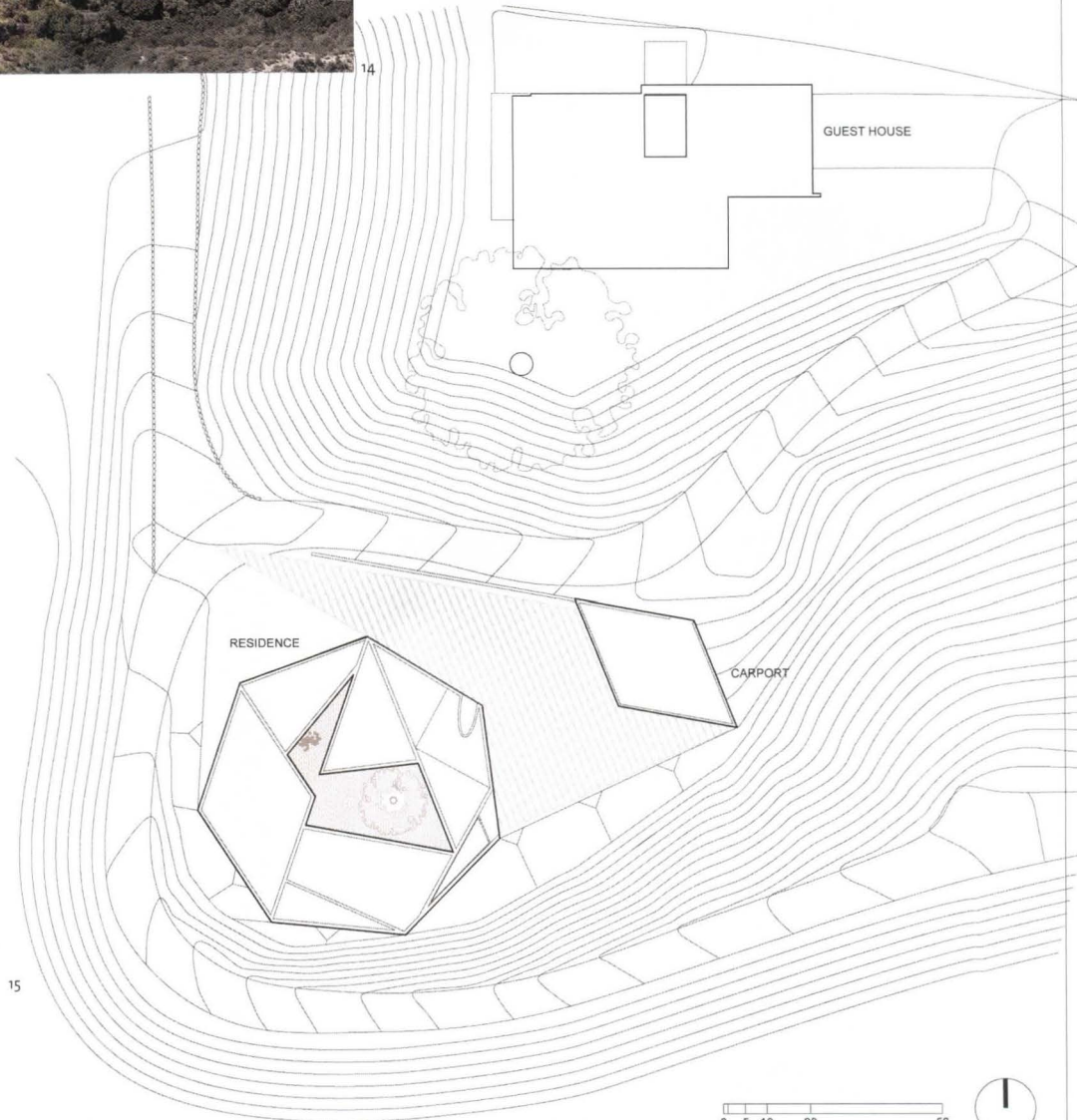


11–13 Interior views exemplify the architect's play with perspective and transparency.

14 The site features the existing Neutra house (at center left) and an overlay of the new polygonal house (at center right).

15 The complexity of the site, terraced on a steep hill, was one of the drivers for the house's geometry. The only viable location to build the house is below the street's line of sight.

16 View of a terrace that connects the house to an adjacent carport.



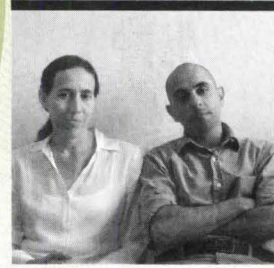
award

office dA

villa moda: new kuwait sports shooting club

site A 75-acre plot in the desert landscape on the outskirts of rapidly growing Kuwait City, with ready access to highways and other transportation routes.

program An expansion of the Kuwait Sports Shooting Club into a community with residential units and public spaces, including retail, commercial space, a conference and convention center, an arena, a movie theater, and an aquatic spa center.

**THE ARCHITECT**

Firm: Office dA, Boston

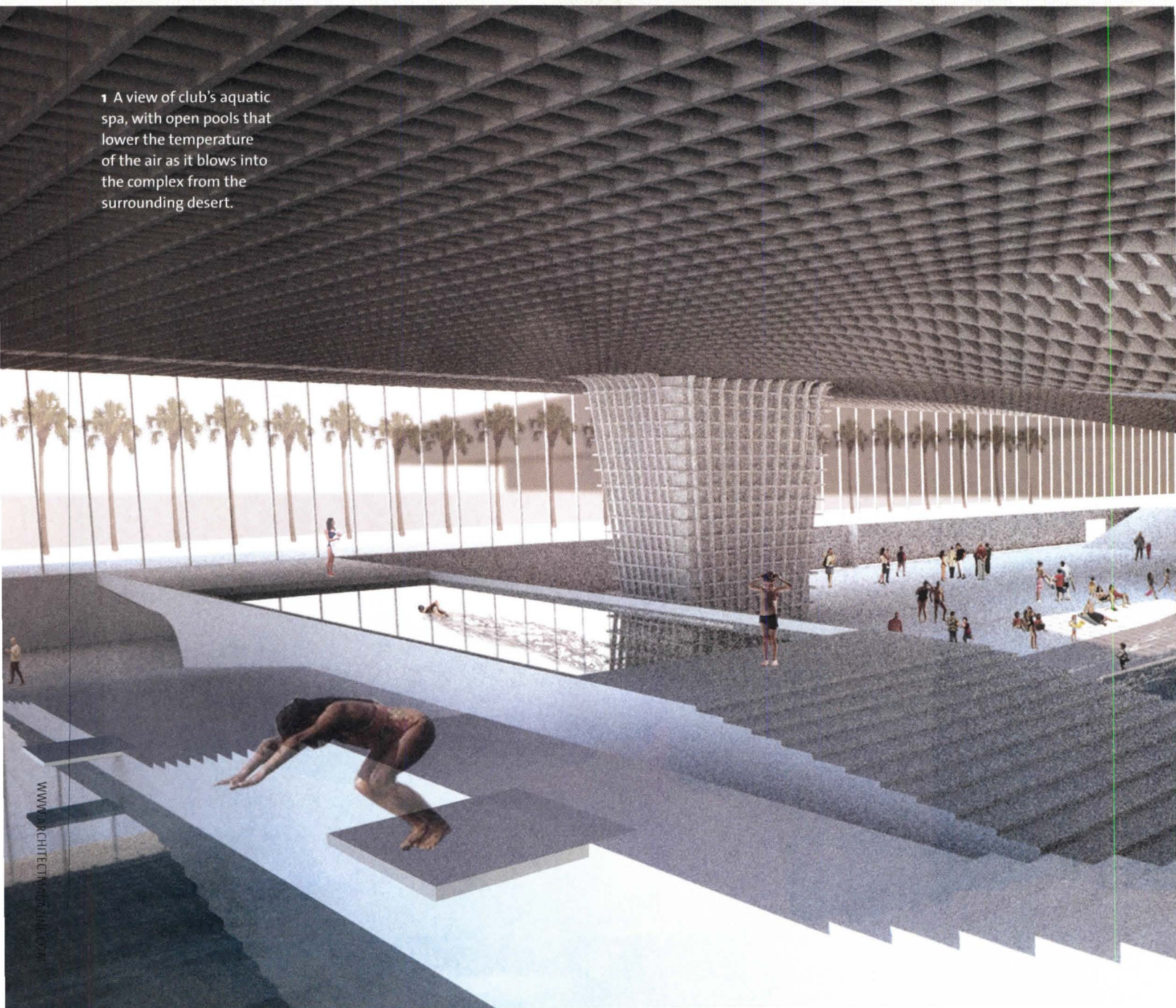
Principals: Monica Ponce de Leon, Nader Tehrani

Employees: 15

Year Founded: 1991

Recent Work: Rhode Island School of Design Main Library, Providence, R.I.; the Macallen building, Boston (unfinished)

1 A view of club's aquatic spa, with open pools that lower the temperature of the air as it blows into the complex from the surrounding desert.

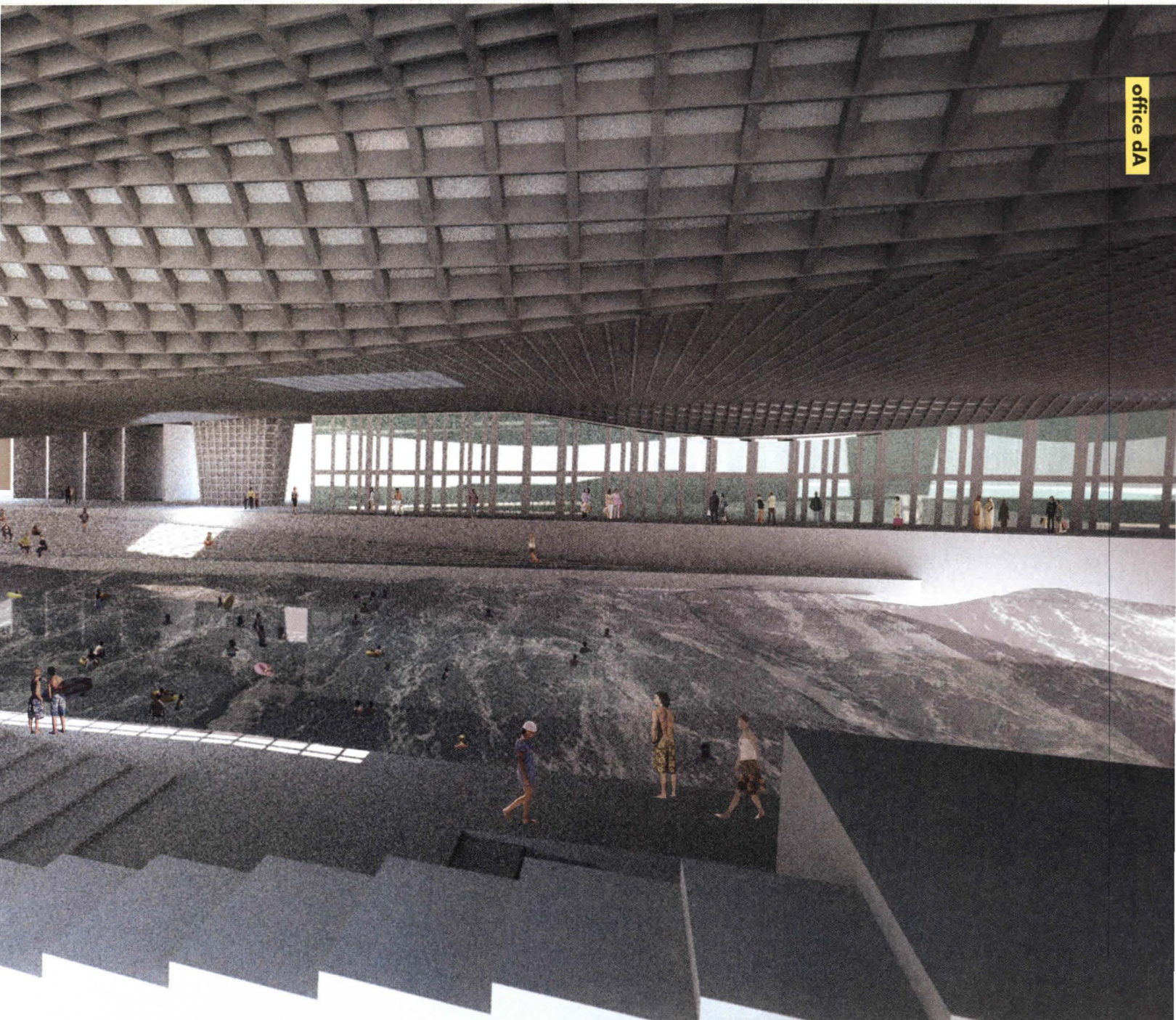


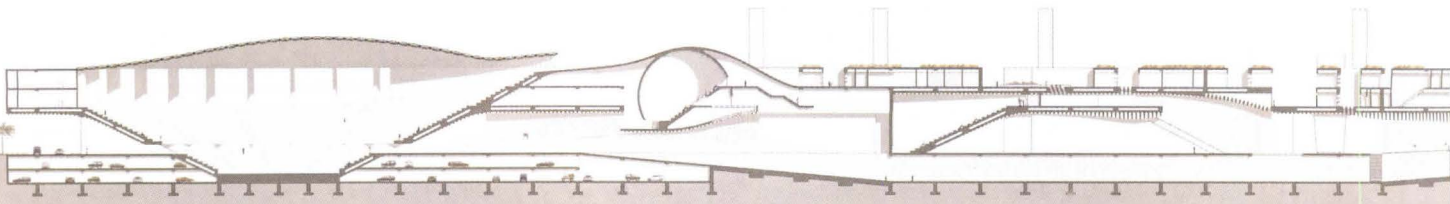
solution The site for the project is larger than necessary for a single building, and the program is too limited in area to allow for a conventional urban design strategy, so the team from Office dA integrated the various program components beneath a unifying canopy of undulated concrete that recalls the rolling form of the surrounding desert landscape.

The program is deployed across multiple levels to promote a sense of typical urban verticality and complexity. Services and residential units are layered together in a mixed-use setting, atop subterranean

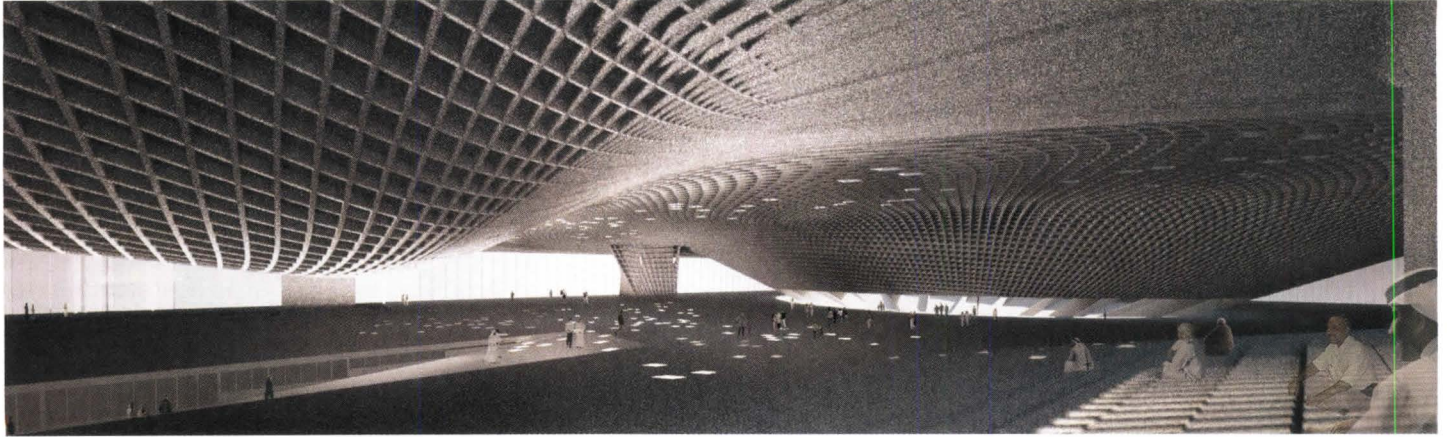
parking. The honeycombed ceiling is perforated in some areas to admit natural light, but it is primarily solid, providing shade in a swelteringly hot environment. The aquatic spa serves a similar purpose; its open pools of water lower the temperature of breezes coming in from the desert.

The ready highway access ensures interaction between this community and the rest of Kuwait City, and the inclusion of a flexible arena for public and private events guarantees that the complex will serve as a cultural hub as well.

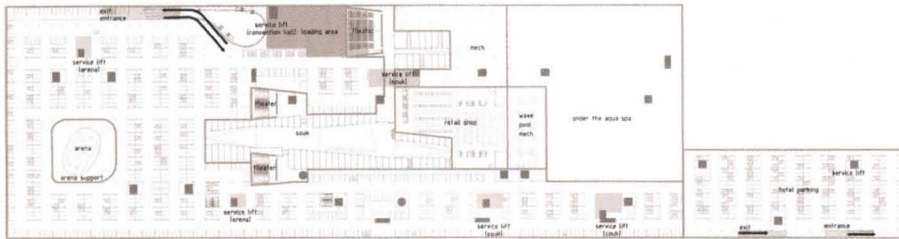




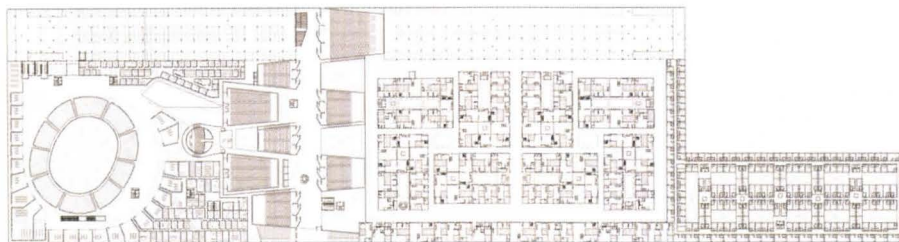
2



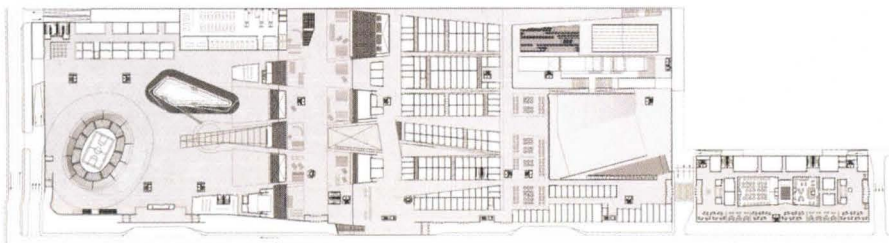
3



4



5



6

2 Section shows the sheer size of the project, and the complex organization that meshes recreational, residential, and commercial spaces.

3 The unifying theme in the project is its concrete canopy, which extends the full length of the complex.

4 Third-floor plan.

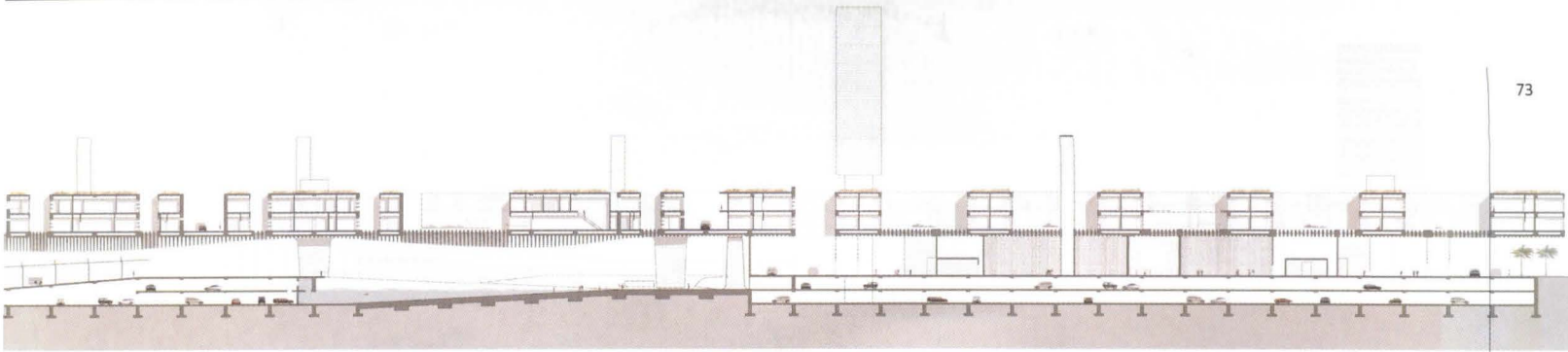
5 Second-floor plan.

6 First-floor plan.

7 Towers rise above the horizontal bulk of the structure to accommodate housing and hotel rooms.

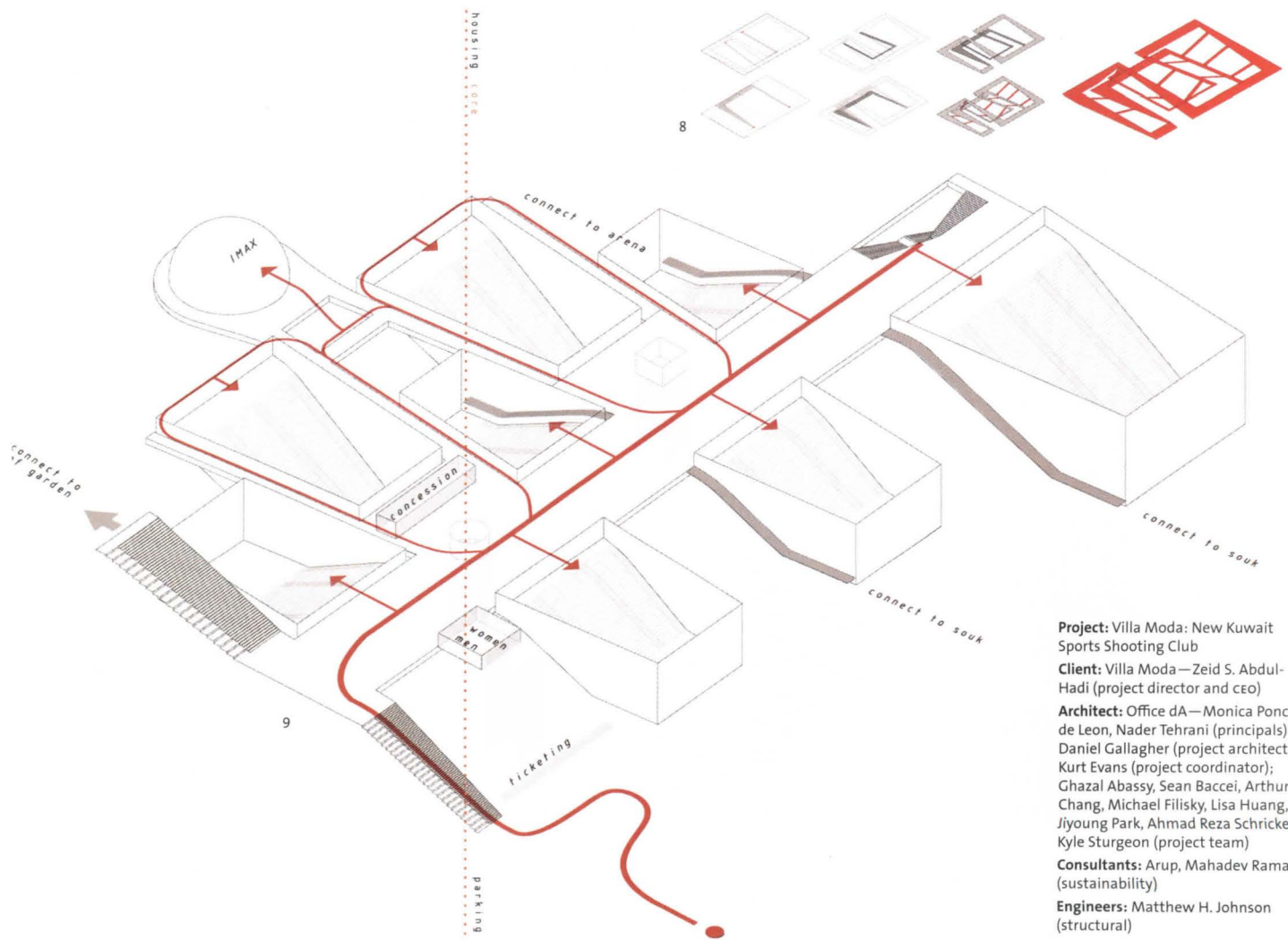
8 Diagram of alleys and passageways for the art souk, an area filled with boutiques and shops.

9 Circulation diagram outlining the five possible configurations of the conference hall.

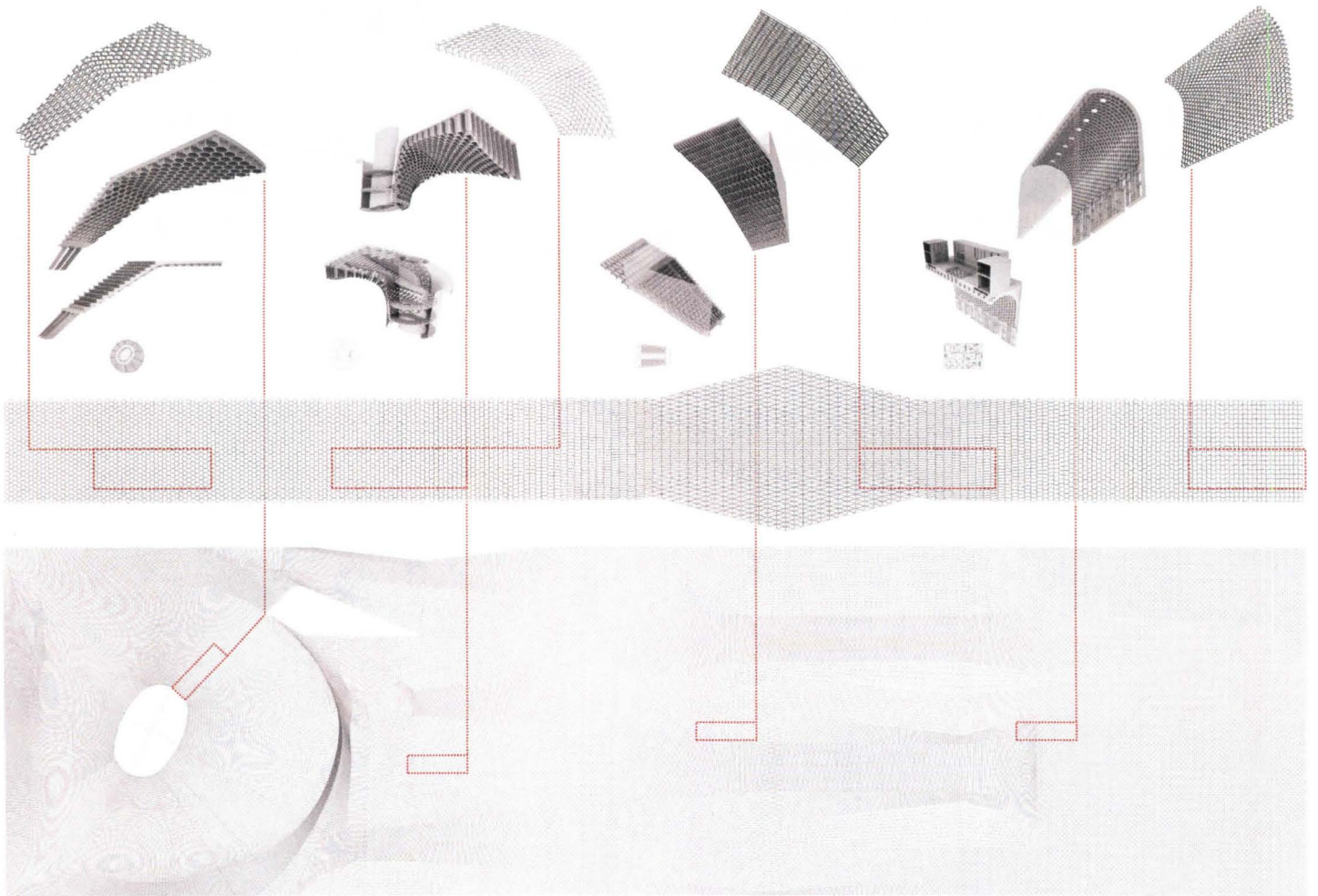


office dA

7



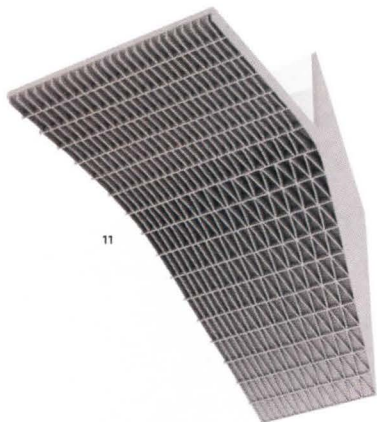
Project: Villa Moda: New Kuwait Sports Shooting Club
Client: Villa Moda—Zeid S. Abdul-Hadi (project director and ceo)
Architect: Office dA—Monica Ponce de Leon, Nader Tehrani (principals); Daniel Gallagher (project architect); Kurt Evans (project coordinator); Ghazal Abassy, Sean Baccei, Arthur Chang, Michael Filisky, Lisa Huang, Jiyoung Park, Ahmad Reza Schricker, Kyle Sturgeon (project team)
Consultants: Arup, Mahadev Raman (sustainability)
Engineers: Matthew H. Johnson (structural)



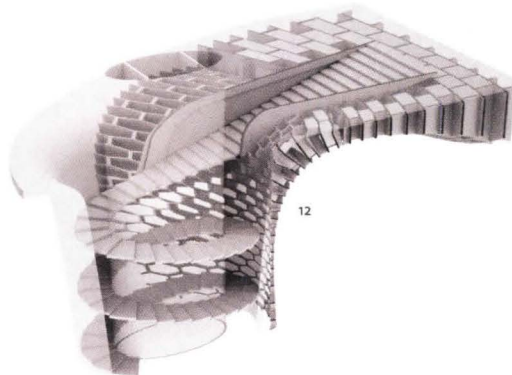
10

This project is almost like Las Vegas. They're in a desert, but this actually acknowledges the desert—as opposed to some imaginary castle.

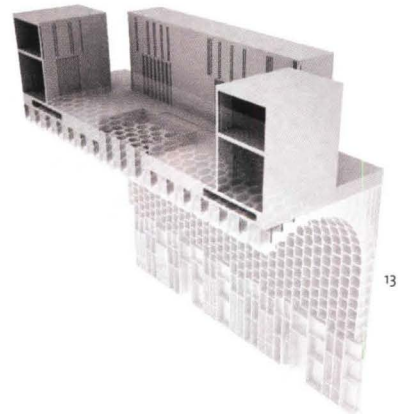
Hadrian Predock



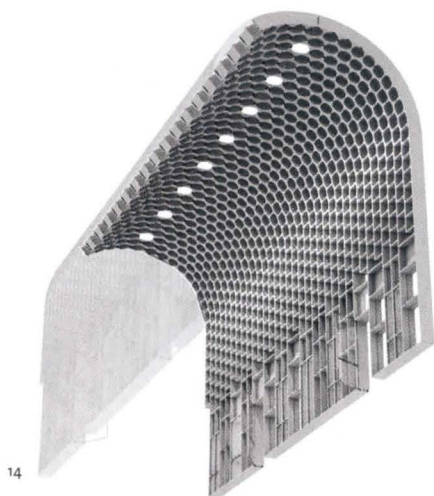
11



12



13



14



15

10–15 Details of the coffered concrete canopy and the different forms it takes throughout the complex.

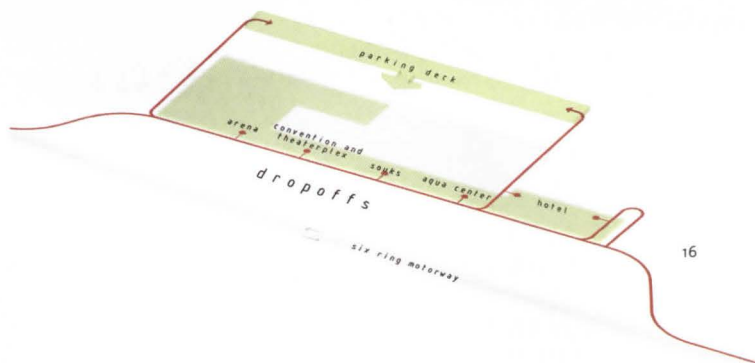
16 A six-lane highway connects the sports shooting club complex to the center of Kuwait City. Four drop-off points provide easy vehicular access to different areas within the complex.

17 Access to drop-off and parking points for the arena.

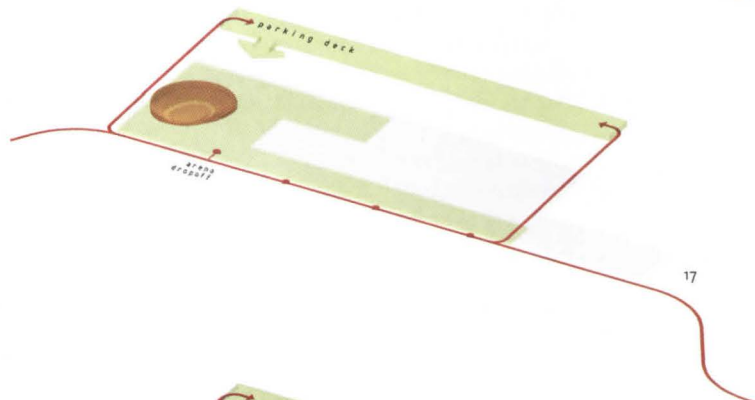
18 Access to the theater-plex and conference hall.

19 Access to the drop-off point nearest the souk.

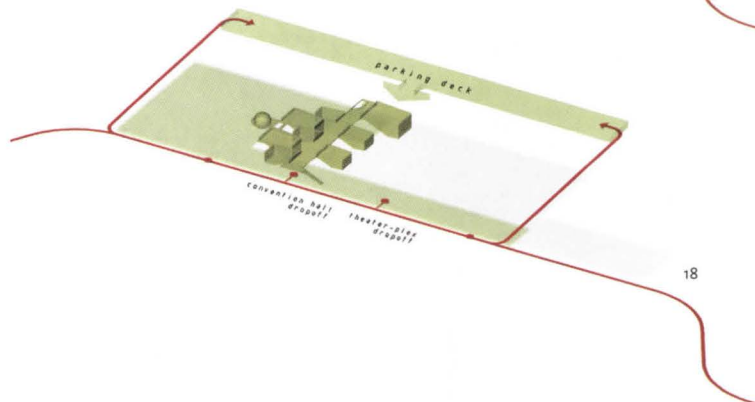
20 Access to the hotel.



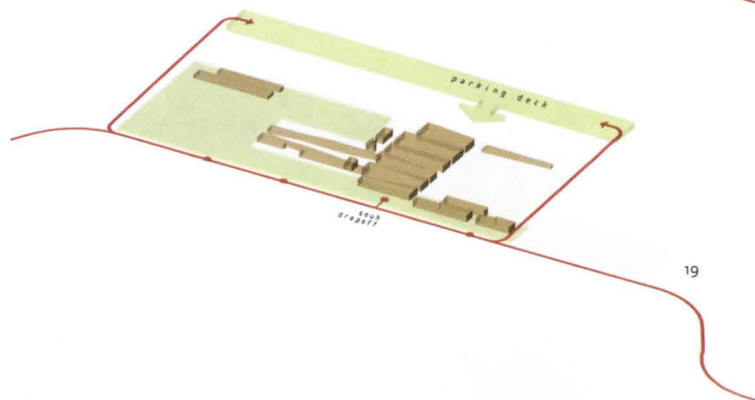
16



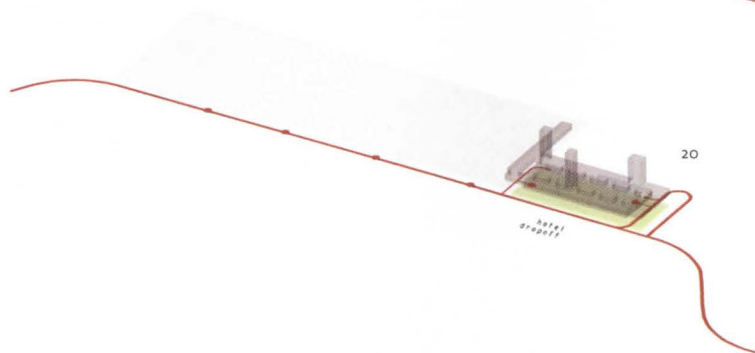
17



18



19



20

citation

hariri pontarini architects

bahá'í mother temple for south america

site A one-third-acre lot in Santiago, Chile.

program A temple for gatherings of the Bahá'í faith, with a main sanctuary capable of seating 600 worshippers, nine alcoves for private or small-group meditation, a mezzanine, and nine exterior prayer gardens.

solution Hariri Pontarini's design is the winner of a two-phase international competition that challenged entrants to consider a sacred space that does not conform to the architectural typologies of any other religion. The Bahá'í faith requires its temples to have nine sides and a dome, among other particulars, but they are not designed to accommodate specific rituals or even clergy.

For the Santiago temple, which serves all of South America, Hariri Pontarini designed a dome of nine translucent alabaster and cast-glass sails, which will be manufactured abroad and transported to the site. Bronze tracery and woodwork ornament the 100-foot-high main interior space, which is encircled by a continuous mezzanine of cast concrete.

The footprint of the building occupies only 8,600 square feet. A lily pond and nine prayer gardens occupy the remainder of the site.

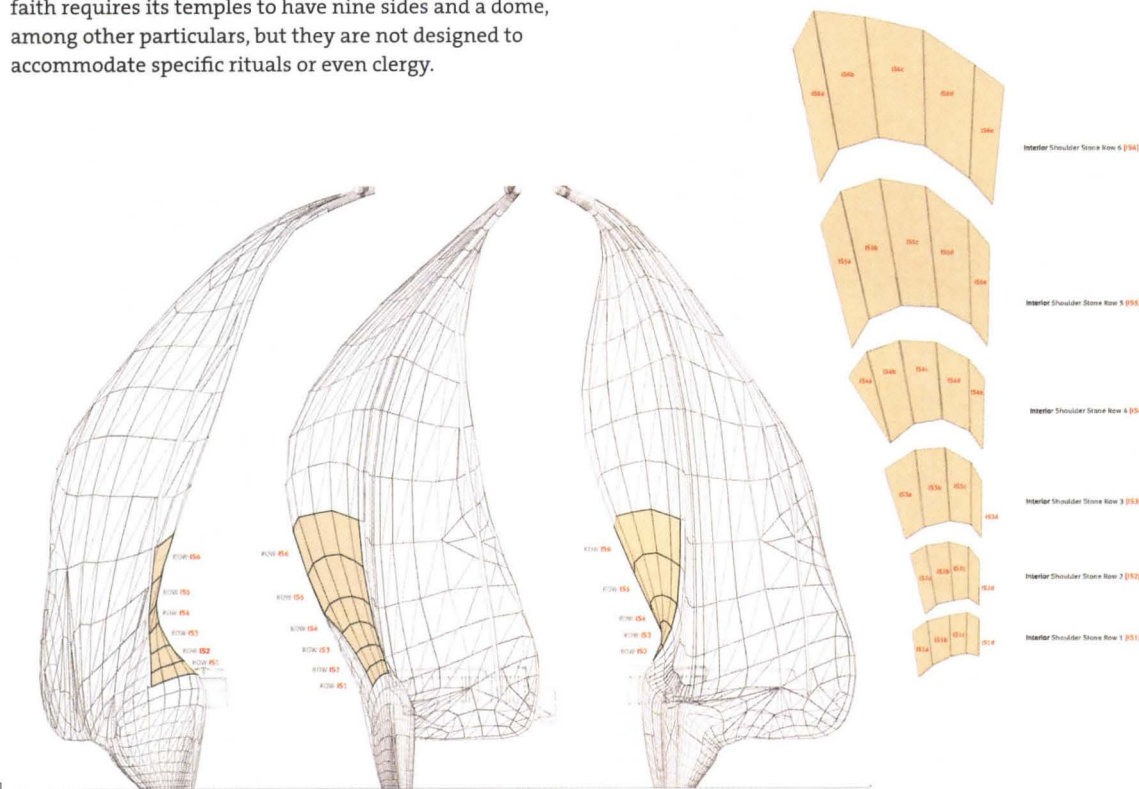
Project: Bahá'í Mother Temple for South America

Client: The International Bahá'í Community

Architect: Hariri Pontarini Architects—Siamak Hariri (partner-in-charge); Michael Boxer (associate-in-charge); Justin Ford, Adriana Balen, Tiago Masrou, Tahirih Viveros, George Simionopoulos, Mehrdad Tavakkolian, Jaegap Chung, Naomi Kriss, Donald Peters (project team)

Consultants: Soheil Mosun (custom architectural manufacturer); Trow Associates (building science); Juan Grimm (landscape)

Engineers: Carruthers & Wallace (structural engineer)—Chris Andrews (principal); Gunnar Heisler Engineer (mechanical/electrical engineer)



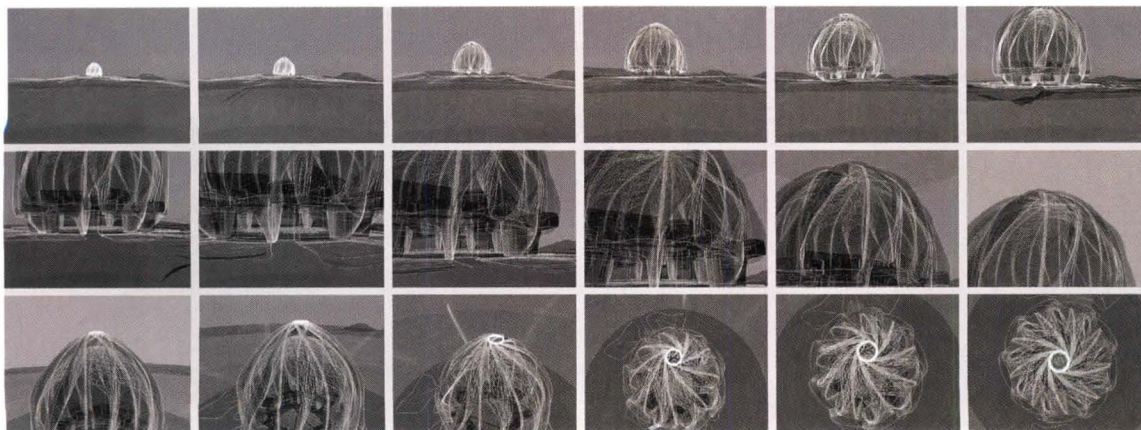
1 To determine the final composition of the dome's alabaster and cast-glass leaves, the architect conducted a series of panelization studies, beginning with a MAYA NURBS model and then adding fragmentation to take into account both aesthetics and materializing limitations.

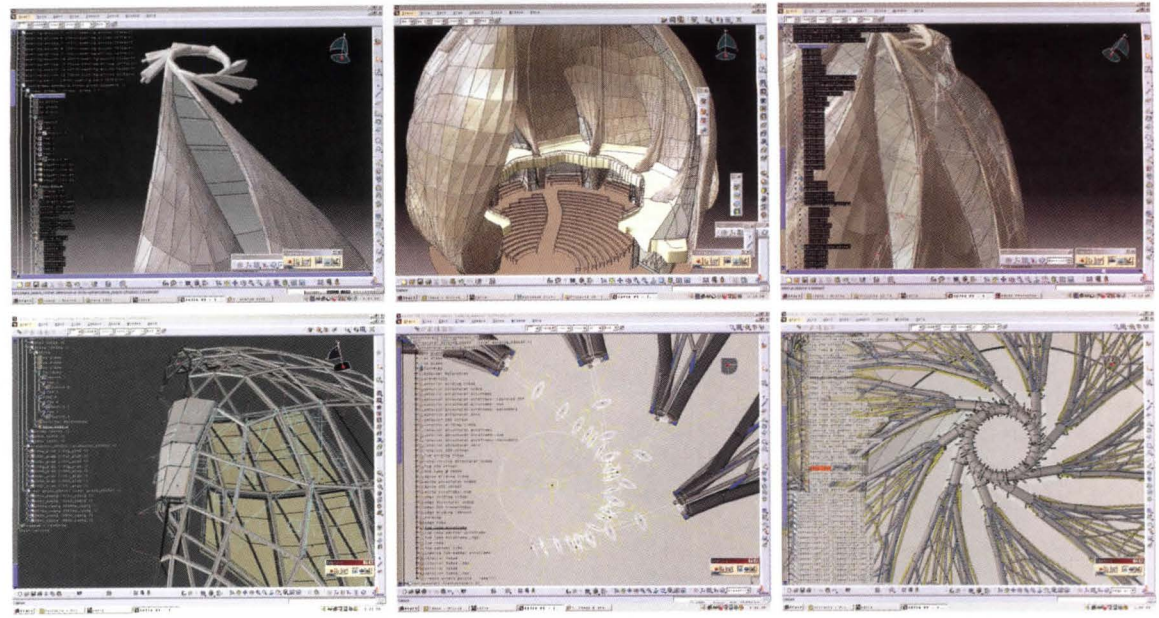
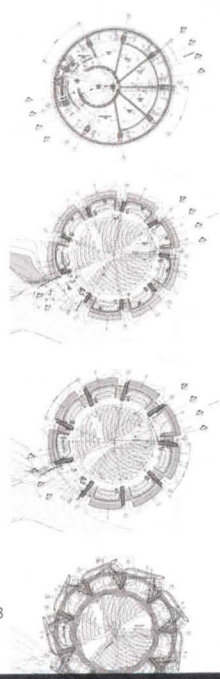
2 A series of model views made with MAYA software, in preparation for an animated fly-through.

3 The structure's organic, almost floral, form is evident in a series of plans cut at increasingly higher points in the space (from top to bottom).

4 Screen captures of CATIA modeling that occurred as the project transitioned into design development.

5 The layering of faceted cast glass over milled alabaster panels supported by a tubular-frame system ensures the transparency that makes the structure so compelling at night.



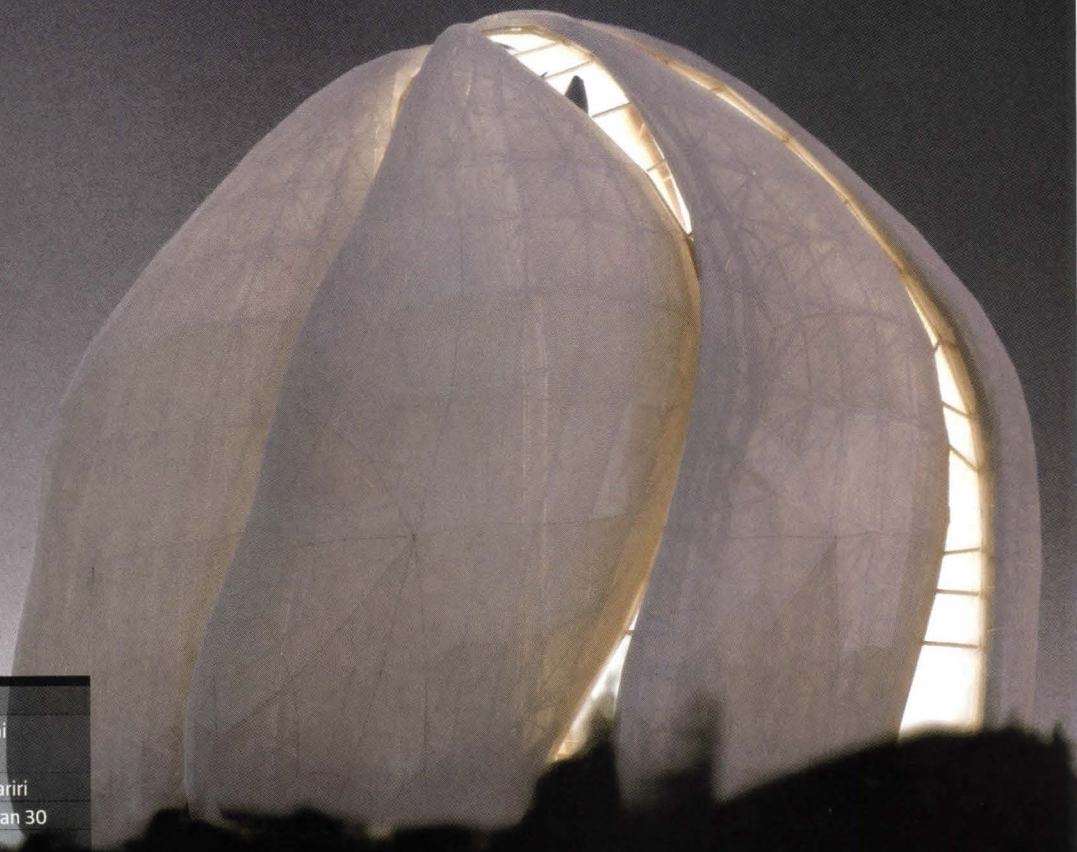


I have to acknowledge all the research. This whole structural-material theory would make the building really light and translucent.

Yung Ho Chang



THE ARCHITECT
 Firm: Hariri Pontarini Architects, Toronto
 Principal: Siamak Hariri
 Employees: More than 30
 Year Founded: 1994
 Recent Work: Student Services Center, York University, Toronto



4

5

citation

hashim sarkis

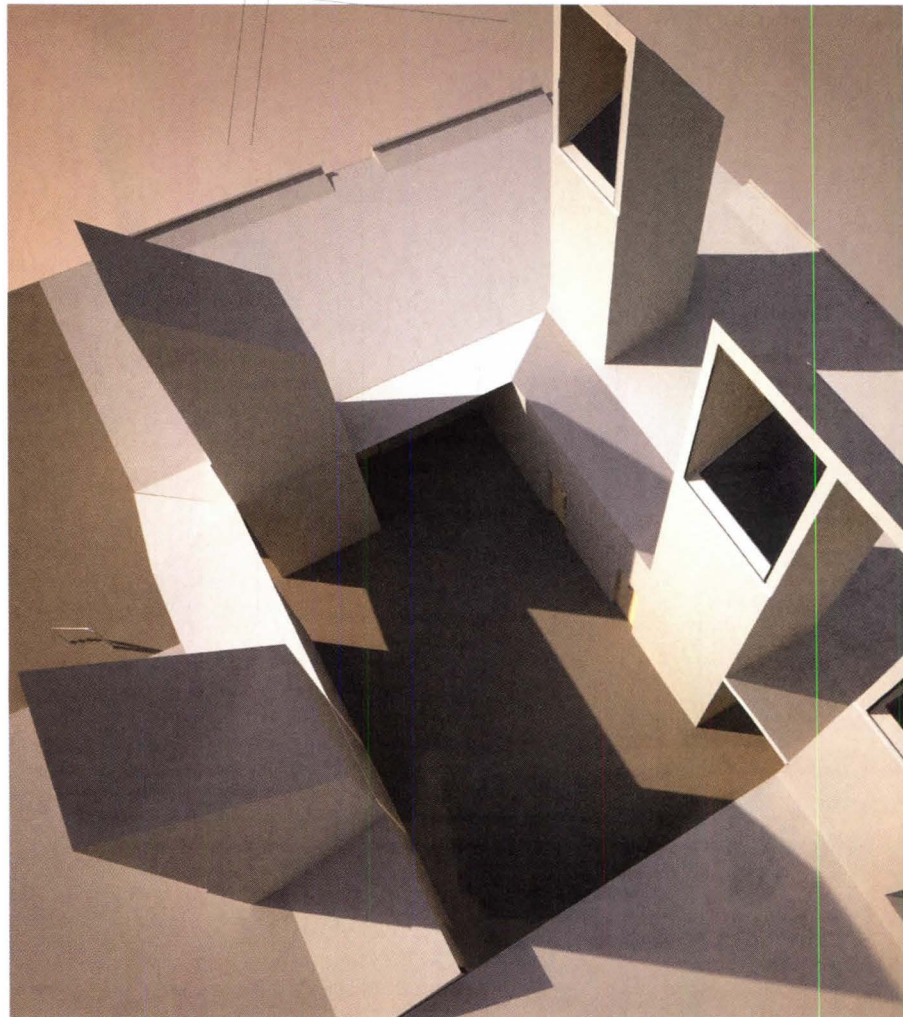
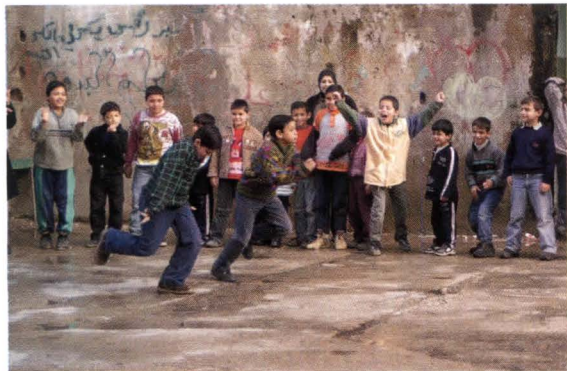
bab tebbaneh school for working children and for women

site A plot in the center of a dense residential block in the impoverished Bab Tebbaneh neighborhood of North Tripoli, Lebanon. Visually isolated from the street, the site is exposed to the buildings on the perimeter of the block, including housing and auto-repair shops.

program The school was conceived as a place to teach language and mathematics to working children and vocational skills to adult women.

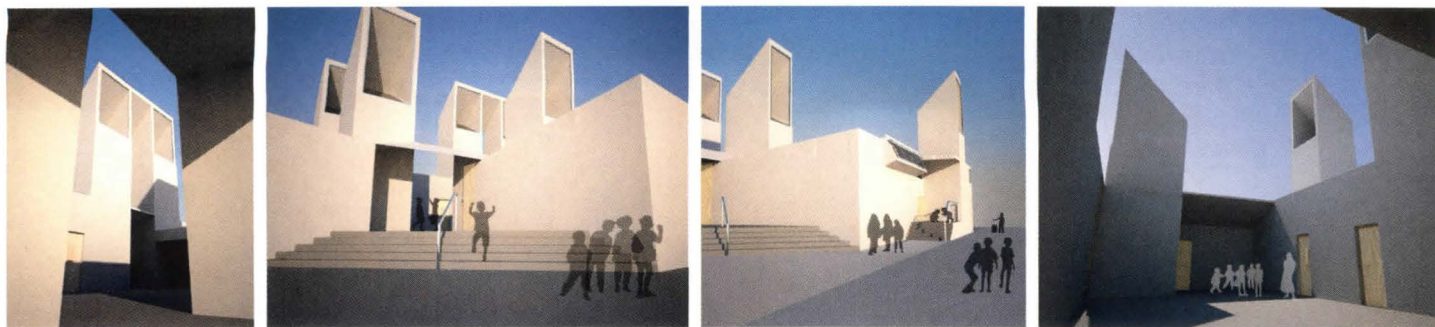
solution The design features six independent classrooms, each of which has an adjacent meeting room, library, and teacher's office, all organized around an open-air central courtyard. The architect intends the modular, cloistered layout to impart a sense of order in a chaotic urban environment.

Hooded wind-catching towers sprout from the small meeting rooms adjacent to each classroom, making the school visible to pedestrians on the street. The towers draw light and air into the classrooms from above the ground level, minimizing the amount of smoke and fumes that can enter from the surrounding auto-body shops, where many of the young students work.



There's a modesty to the project, which is authentic and relevant to the scale, the place, and the nature of the program. In the context of 300 projects we have seen, most of which are over the top, this for me is refreshing and remarkable.

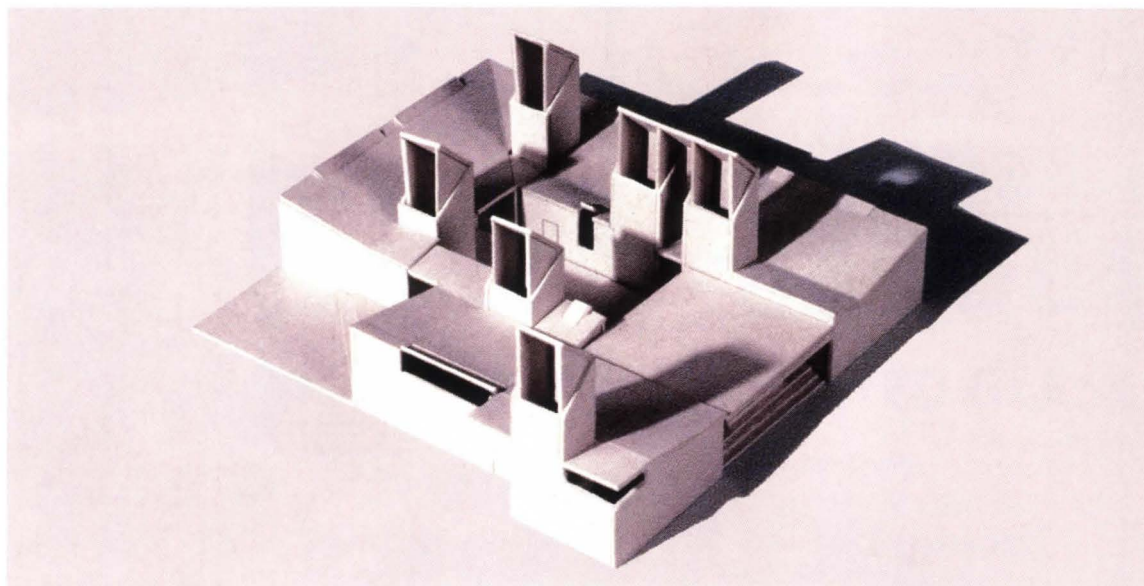
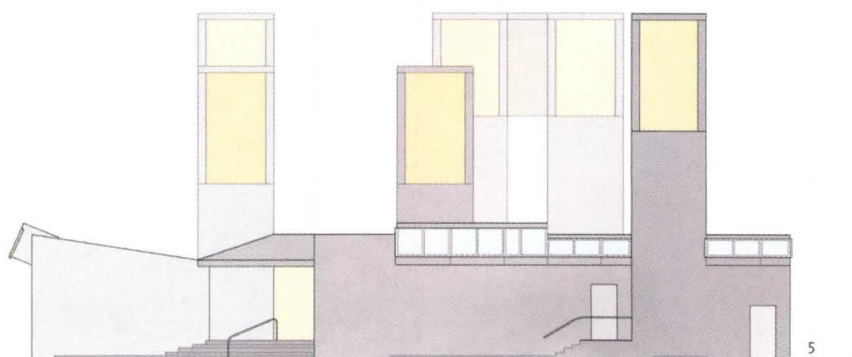
Jose Castillo



Project: Bab Tebbaneh School for Working Children and for Women
Client: The Rene Moawad Foundation

Architect: Hashim Sarkis A.L.U.D.— Hashim Sarkis (principal); Mason White, Joaquin Perez-Goicochea, Nasser Abulhasan, Gulcin Becerik, Robert Karam, Christopher White (project team and renderings)

Consultants: Mohamed Chahine, Michel Mouawad (structural designers)



1 Many children in this area of Lebanon hold part-time jobs in auto-mechanic shops, and require alternative school hours to accommodate their schedules.

2 The school's site is in the interior of a city block surrounded by residential and industrial spaces.

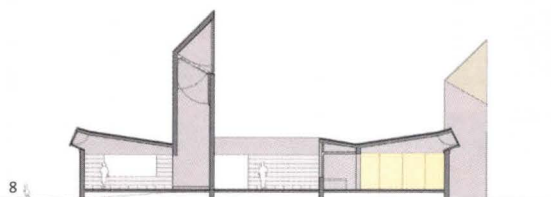
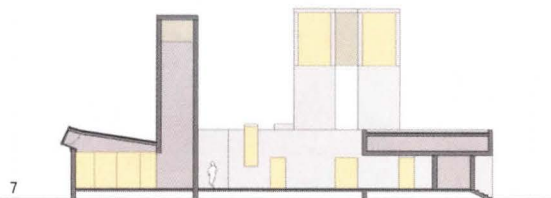
3 The school is organized around a courtyard, allowing children to gather in a controlled environment before and after classes.

4 Views of the courtyard and main entrance.

5 Front elevation showing the main entrance.

6 Towers admit light into classroom interiors and draw the cleaner air from above the level of the auto-body shops nearby.

7–8 Sections through the wind-catching towers.



THE ARCHITECT

Firm: Hashim Sarkis A.L.U.D., Beirut, and Cambridge, Mass.

Principal: Hashim Sarkis

Employees: More than 10

Year Founded: 1998

Recent Work: Wareham Street Loft, Cambridge; Corniche Area Urban Design Guidelines, Doha, Qatar



citation

studio luz architects

campus d'espoir (campus of hope)

site An underdeveloped plot of land that is part of the planned expansion of the Bon Repos quarter of Port-au-Prince, Haiti.

program The master plan for the site includes an orphanage for 90 children, an educational facility to teach 400 students, a medical clinic to provide for the campus and the surrounding area, a trade school, and housing for employees and volunteers.

solution This project is designed to ensure that orphaned and neglected Haitian children will not only have a roof over their heads, but will also have a safe and loving home to grow up in. The master plan seeks to accomplish this by creating a village-like setting where the children and their caretakers have educational, recreational, and medical facilities at their fingertips.

To prevent isolation, and to try in some way to lessen the number of children who might need the campus' full-time services, the facilities are opened to the larger community. The complex itself offers a lesson in sustainable techniques. Solar panels provide electricity for hot water. Hurricane shutters are made of recycled aluminum. And the architects incorporated local materials, including rammed earth and gabion walls of native stone.

The goal is to set new standards for sustainable construction in a developing country with high unemployment and poverty rates that is prone to natural disasters.



THE ARCHITECT

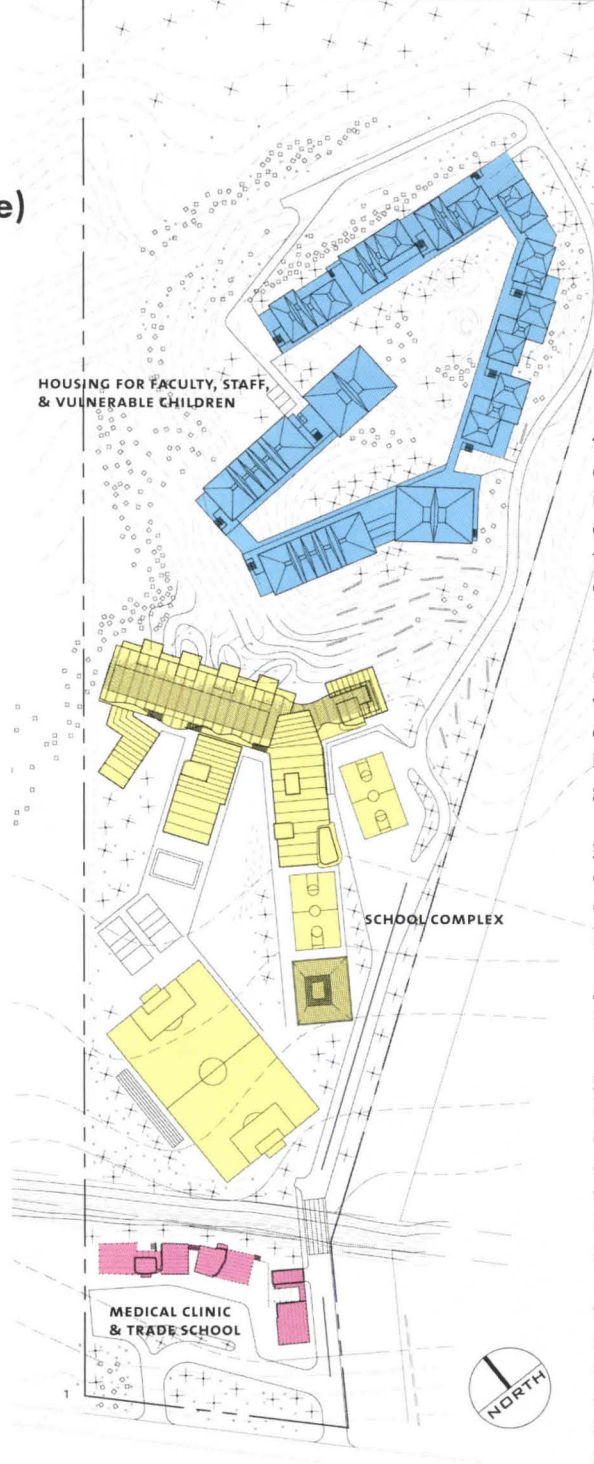
Firm: Studio Luz Architects, Boston

Principals: Anthony J. Piermarini, James Smith, Rebecca Edson, Hansy Better Barraza

Number of Designers: 5

Year Founded: 2002

Recent Work: St. Martin Street Residence, Fitchburg, Mass.



1 Site plan showing the campus' programmatic mix of orphanage, educational, and medical facilities for vulnerable children.

2 Model of the medical clinic and trade school, which provides medicine distribution, checkups, basic dental, and general care.

3 Section for the orphanage, with roof crenellations that help promote ventilation.

4 Elevations of orphanage housing.

5-6 The classroom building is orchestrated to create welcoming courtyards and is adorned with brightly painted hurricane shutters to engage young eyes.

7 Energy-efficiency diagrams for faculty and staff housing show cisterns for rainwater and a series of vents to promote airflow.

8 Diagram of the school building, showing circulation and program distribution.

Project: Campus d'Espoir (Campus of Hope)

Client: Hope for the Children of Haiti

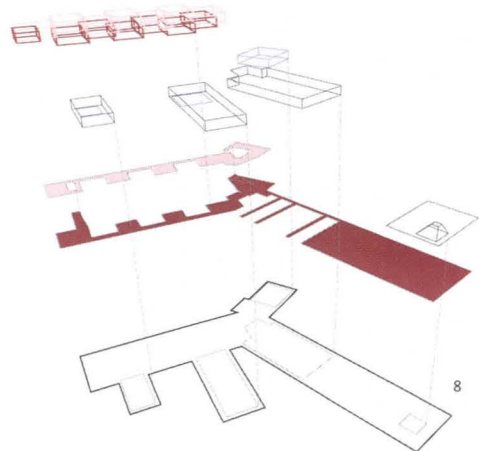
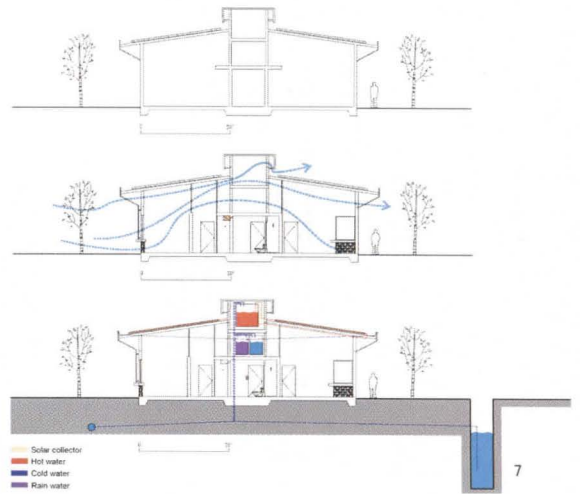
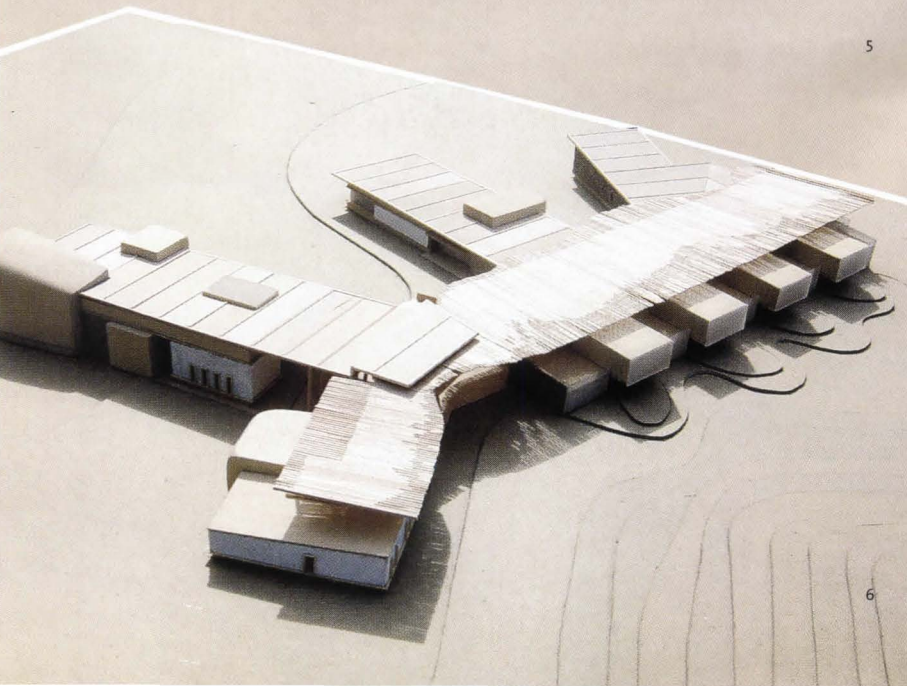
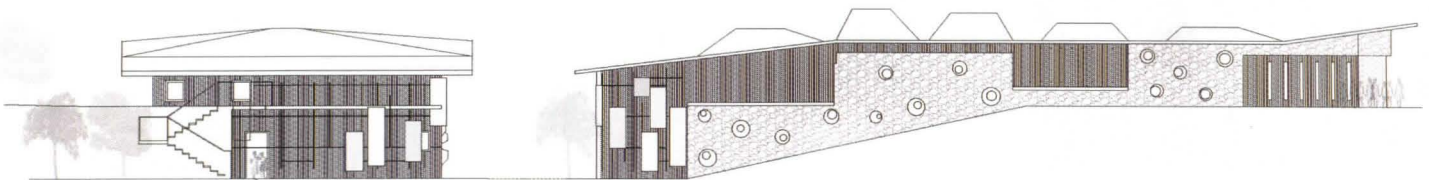
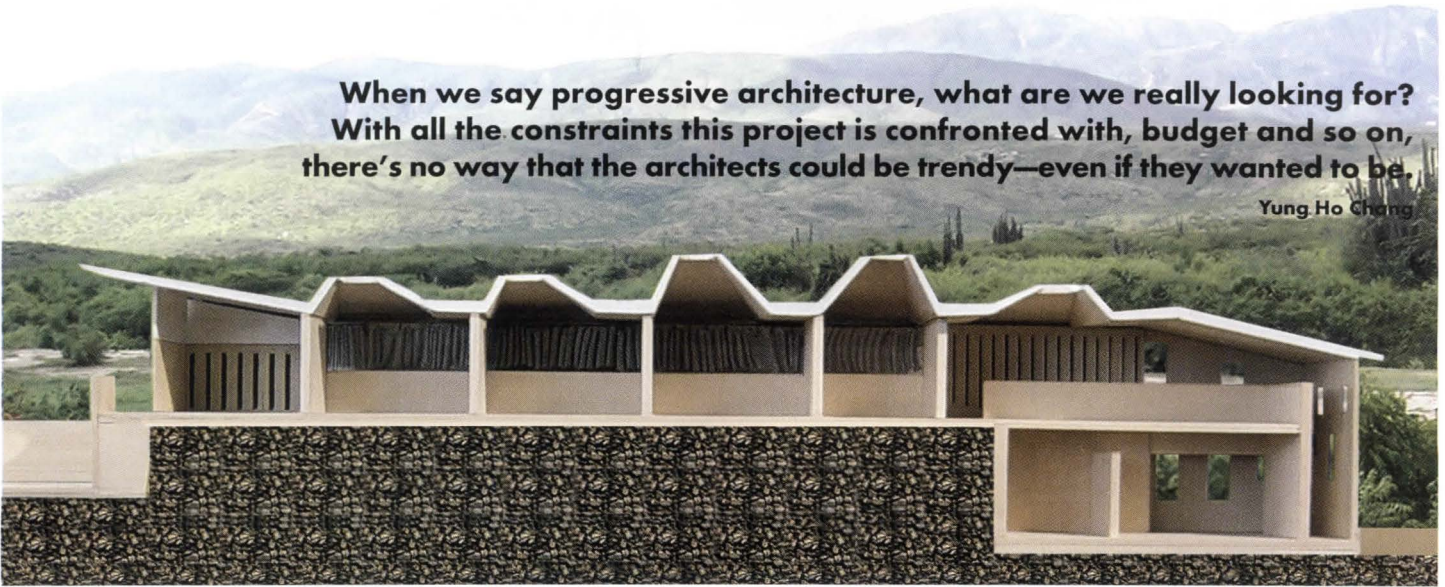
Architect: Studio Luz Architects—Hansy Better Barraza, Anthony J. Piermarini (project designers); James Smith, Rebecca Edson (project leaders); Michael Beaman, Il-Joong Kim, Jenny Kwon (project team)

Engineers: TECINA S.A. (engineering and construction); Sinote Ibrahim (consulting mechanical)



When we say progressive architecture, what are we really looking for? With all the constraints this project is confronted with, budget and so on, there's no way that the architects could be trendy—even if they wanted to be.

Yung Ho Chang



university of arkansas community design center



good shepherd ecumenical retirement community

site A hilly, forested property on a lake in Little Rock, Ark., surrounded by suburban residential developments.

program The addition of 1,000–1,200 units of affordable retirement housing, and commercial and recreational centers to an existing full-service care facility.

solution The Good Shepherd Ecumenical Retirement Community strives to make aging in place a holistic experience, characterized by social interaction. The architects developed a series of housing prototypes to suit different resident demographics, from active empty-nesters to octogenarians. For residents who need regular or continuous care, there are units following the same typologies as those for more able inhabitants but that also offer easy accessibility by full-time medical staff.

Each unit, regardless of target audience or price range, incorporates an outdoor space—be it a porch, balcony, or patio—along a pedestrian walkway. Traffic is limited to certain arterial streets, reserving as many others as possible for pedestrians.

Pocket green spaces and gardens encourage activity and interaction among the residents. A commercial center and an esplanade along the lakefront promote people watching, window shopping, and more rigorous activities along an exercise route.



1 Mid-rise residential towers target a range of care needs, from independent to full-care lifestyles. Each unit is oriented on a corner to maximize light exposure and has a balcony so residents can enjoy the surrounding nature preserve.

THE ARCHITECT

Firm: University of Arkansas Community Design Center, Fayetteville, Ark.

Principals: Aaron Gabriel, Jeff Shannon, Stephen Luoni

Employees: 7

Year Founded: 1995

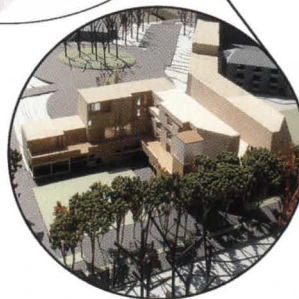
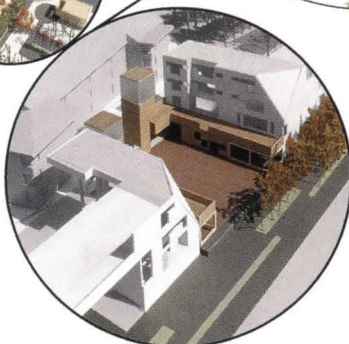
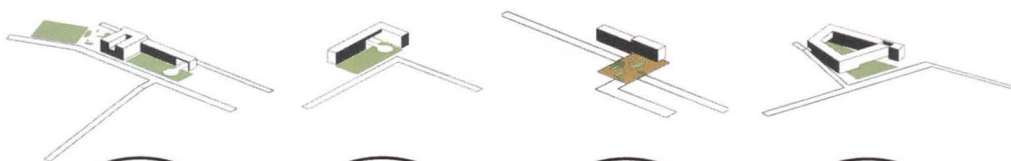
Recent Work: Habitat Trails, Rogers, Ark.; Codes and Plans for an Arkansas Delta Community, Monticello, Ark.; Riparian Meadows, Mounds, and Rooms: A Greenway for Warren, Arkansas, Warren, Ark.





2-5 Views in and around the living units exemplify the variety of housing typologies catering to different types of residents. The architects paid a great deal of attention to creating areas for residents to gather and interact.

6 Multistory buildings situated around courtyards facilitate full-care nursing or assisted-living care without intruding on residents who don't require such services.



It's not revolutionary, it's reformist. It's community oriented without the iconography of new urbanism.

Jose Castillo

Project: Veranda Urbanism: Community Design and Aging in Place, Good Shepherd Ecumenical Retirement Community

Client: Good Shepherd Ecumenical Retirement Center—Col. Terry Hypes (CEO); Winthrop Rockefeller Foundation

Architect: University of Arkansas (UA) Community Design Center—Stephen Luoni (director); Aaron Gabriel (assistant director); Tim deNoble (project architect); Laura Chioldi, Alan Noah-Navarro, Justin Sabatini, Jena Rimkus (project designers); Roberto Sangalli (network administrator); Amy Marbury (administrative assistant); Jeff Shannon (dean, UA School of Architecture); Dusty Graham, Najia Hashim, John Langam, Trinity Simmons (student interns)

Consultants: Pyatok Associates—Michael Pyatok (programming and feasibility study); UA Center for Business and Economic Research;



WEATHER SHIELD WINDOWS AND DOORS PRESENTS

WINDOWS AND DOORS FOR TRADITIONAL RESIDENTIAL DESIGN

High performance benefits with classic American charm.

By Angela Sarkis



High-performance windows offer classical American charm for traditional homes.



ARCHITECT MAGAZINE CONTINUING EDUCATION

This course requires supplemental online reading in addition to the following article. For details on accessing the supplemental reading and to learn how to take the test, please see page 87.

Hometown, America – neighbors dropping by, kids riding bikes through the streets, a breezy front porch where you can sit and take it all in. That nostalgic ideal seems to be a thing of the past. Front porches have been replaced by back decks and tree-lined streets have been replaced by 6-lane highways. Instead of the corner store, there's the superstore, and you don't knock on your neighbor's door unless you have a good reason. As the pace of life quickens, however, homeowners want something that harkens back to a simpler time. Back farther than post-war cookie-cutter developments, back to a time when your region, heritage and handed-down craftsmanship dictated the design of your home.

New Urbanism, also known as Traditional Neighborhood Design, neo-traditional or village-style development, includes a variety of housing types, a mix of land uses, an active center, a walkable design, and often a transit option within a compact neighborhood scale area either as infill

in an existing developed area or as a district scale project. Different home designs can be incorporated into New Urbanist neighborhoods, but many of these homes feature modern high-performance products. Authenticity, however, is key to achieving the look and feel of a traditional home with these products. Manufacturers have taken notice of this trend and are launching new lines of high-performance products that match the aesthetics of traditional design.

NEW URBANISM

The principles of New Urbanism take shape in Traditional Neighborhood Design (TND). In traditional neighborhoods, shops, parks and civic buildings are situated within walking distance of private residences. Homes are set slightly closer to the street, and closer to each other, to allow easy access to tree-lined sidewalks and bike paths, and to encourage interaction between neighbors.

The following are commonly found in TND:

- Parks, schools, civic buildings, and commercial establishments located within walking distance of homes
- Residences with narrow front setbacks, front porches, and detached rear garages or alley-loaded parking
- Network of streets and paths suitable for pedestrians, bicyclists, and vehicles
- Narrower streets with crosswalks, streetscaping, and other traffic-calming measures
- In-scale development that fits the local context
- Buildings oriented to the street with parking behind

Traditional neighborhoods are popping up across the United States. Some of the most well-known include Disney Celebration in Orlando, FL, Seaside in Destin, FL, and The

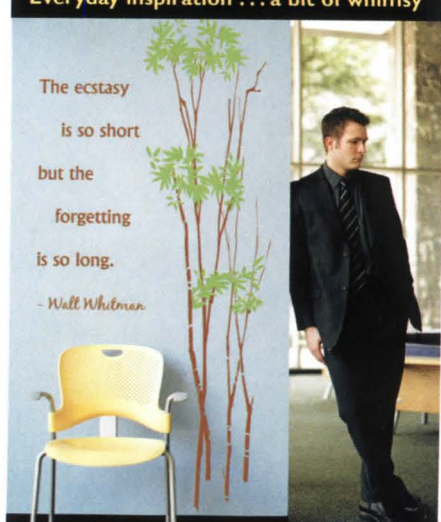
LEARNING OBJECTIVES

The learner will be able to:

- Describe the principles of New Urbanism and common trends in traditional home design
- Match window and entry doors with their respective traditional design style
- Identify what modern performance benefits to look for when specifying products for a classical American aesthetic
- Understand the anatomy of energy-efficient windows

Decorate With **WALL WORDS**
Everyday inspiration . . . a bit of whimsy

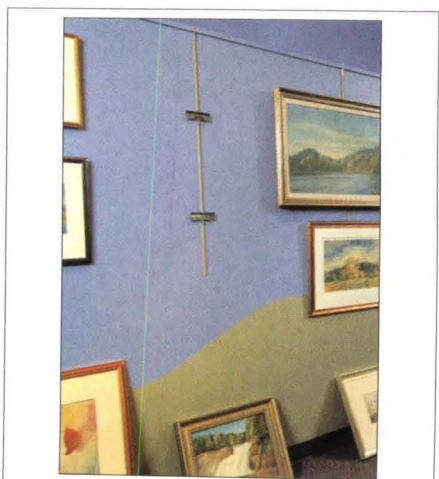
The ecstasy
is so short
but the
forgetting
is so long.
- Wall Whitman



Easy-to-apply transfers that mimic the look of hand-painted lettering! We also now have trees, clouds and patterns. Matte colors for interiors. Thousands of fonts available. Preview your phrase, check the lengths, colors and fonts before buying at wallwords.com

WALL WORDS **FREE Catalog**
(888) 422-6685

Circle no. 300



Walker Display

Life's all about change and so are we when it comes to art presentation. The Walker system frees you to explore all your options. No-More-Holes frees you to rearrange your artwork with ease and speed. Embrace change!

800.234.7614
www.walkerdisplay.com

Circle no. 301



GageMetal®
Gage Corporation, Int

An innovative collection of 16 designs suitable for walls, elevators and column covers. Standard sizes 48" x 96/120" with available thicknesses from .025" aluminum to 16 gauge stainless steel. Custom design and collaboration is available.

800-786-4243
gage@centurytel.net
www.gageverticalsurfacing.com

Circle no. 302

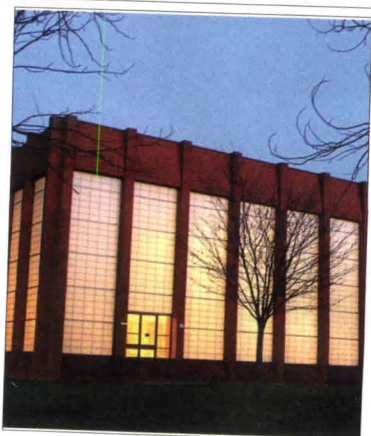


Barrier Gate Operators

FAAC is the world's largest specialized manufacturer of hydraulic operators for barrier, slide and swing gate systems. Barrier features include 100% continuous duty operation, the ability to raise beams up to 23 feet, and control panels with full system compatibility. High-speed and economy models available. Visit www.faacusa.com for brochures & specs.

FAAC USA
An ISO 9001 Certified Company

Circle no. 303



Next-Generation Daylighting

New Kalwall 100™ panels enable architects to meet daylighting needs and building envelope energy requirements at a lower cost than the formerly released Kalwall+ Nanogel® system. At 4" thick, it has a U-value of .08 and meets worldwide demands of new building regulations for stiffer, stronger cladding.

Kalwall Corporation
800-258-9777
www.kalwall.com

Circle no. 304



USG
Formaldehyde-Free Ceiling Panels

To help building professionals create healthy spaces, USG offers many CLIMAPLUS™ ceiling panels and tiles that contain no formaldehyde or levels below the most stringent standards. Visit our web site to learn about the many sustainable qualities of USG ceilings, our ceiling recycling program and why we're the green building knowledge leader.

www.sustainableceilings.com



Circle no. 305

RESOURCE/CLASSIFIEDS



CAREER OPPORTUNITIES

JR Walters Resources, Inc. specializing in the placement of technical professionals in the A&E field. Openings nationwide.

Please visit our website at [Http://www.jrwalters.com](http://www.jrwalters.com)

Phone: 269-925-3940

Email: jrwawa@jrwalters.com

Circle no. 307

LOOKING TO SPEC WINDOWS?

We have more than
99,600 to choose from.
SEARCH. FIND. COMPARE.



hanley▲wood

ebuild

www.ebuild.com

ebuild. The professional's guide to building products™

Duron Paints & Wallcoverings

Colors of Historic Charleston

Sherwin-Williams and Duron Paints & Wallcoverings are proud to offer Colors of Historic Charleston. Whether you're looking for a historically accurate palette for a restoration project, or simply want to incorporate the stately grace of Charleston into your design, this palette can fulfill your colorful dreams.

1-800-72DURON. www.sherwin-williams.com.

www.Duron.com

Circle no. 309

OWN YOUR OWN ARCHITECTURAL FIRM

Established firm with retiring owner for sale. Lots of repeat work. All inquiries will be held in strict confidence.

Contact: jim@strategicendeavors.com or call
Jim at 717-898-7662.

Circle no. 306

WATERCOLOR RENDERINGS

Fortune 500 clientele, Watercolor: 11" x 17", 3 days. Evocative, Poetic, Cost Effective. QUICK SKETCHES TOO! Visa, MC, AmEx. Mayron Renderings, 1800-537-9256, 1-212-633-1503. Visit www.mayronrend.com

Circle no. 308



Duron Paints & Wallcoverings

George Washington's Mount Vernon Estate of Colours®

Colors Inspired by History, Reinvented for Today...Sherwin-Williams and Duron Paints & Wallcoverings are proud to offer George Washington's Mount Vernon® Estate of Colors™ paint collection. The beauty of Washington's home inspired the colors featured.

1-800-72DURON. www.sherwin-williams.com.

www.Duron.com

Circle no. 310

hanley▲wood

FOR INFORMATION

on how to be a part of the next ARCHITECT special advertising section, contact Andrew Ferrara at 202.736.3343.

Advertiser	Page	Circle	Website	Phone
A L Light & Architecture Design Awards	94	—	www.archlighting.com	
American Institute of Steel	90	22	www.aisc.org	866.ASK.AISC
Amvic Building System	8	394	www.amvicsystem.com	877.470.9991 x118
Architect CES	89	—	www.architectmagazine.com	202.736.3310
Bartco Lighting	9	391	www.bartcoLIGHTING.com	714.230.3200
Building System Design	24	23	www.bssoftlink.com	888.273.7638
Cambridge Architectural	12	24	www.cambridgearchitectural.com	866.806.2385
Cascade Coil	6	81	www.cascadecoil.com	800.999.2645
Centria	45	25	www.CENTRIA.com	800.752.0549
Cosella-Dorken	19	395	www.DELTADRY.com	888.4DELTA4
Dell	31	96	www.dell.com/architect1	877.940.DELL
Dietrich Industries	4	28	www.dietrichmetalframing.com	412.281.2805
Eagle Windows and Doors	48	30	www.EagleWindow.com	888.74.EAGLE
Eurotex	42	99	www.eurotexinc.com	800.523.0731
Follansbee	92	32	www.follansbeeroofing.com	800.624.6906
Haddonstone	21	59	www.haddonstone.com	856.931.7011
High Concrete	25	35	www.highconcrete.com	800.PRECAST
Hohmann & Barnard	47	36	www.h-b.com/a	800.645.0616
Invisible Structures	8	400	www.invisiblestructures.com	800.233.1510
Johnsonite	2-3	38	www.johnsonite.com	
Kolbe Windows & Doors	41	40	www.kolbe-kolbe.com	800.955.8177
Kraftmaid	96	41	www.kraftmaidspec.com	800.581.4484
LG Hi-Macs	11	42	www.lgvolcanics.com	866.LGHI.MACS
LG Viatera	36	43	www.lgviatera.com	877.VIATERA
Marble Institute of America	13	44	www.marble-institute.com	440.250.9222
Nichiha	98	380	www.NICHIHA.com	1.86NICHHA.1
Pella Commercial	33	396	www.pellacommercial.com	866.70.PELLA
Pilkington	38	45	www.pilkington.com	800.221.0444
PPG IdeaScapes	C2-1	46	www.ppgideascapes.com	888.PPG.IDEA
Robinson Brick	29	390	www.RobinsonBrick.com/Architect	800.477.9002
Sage Glass	5	48	www.sage-ec.com	877.724.3321
Samsung Staron Surfaces	C3	401	www.staron.com	800.795.7177
Sarnafil	17	397	www.sikacorp.com	800.451.2504
SCHOTT North America, Inc.	23	392	www.us.schott.com/architecture	914.831.2200
Spark Modern Fires	22	398	www.sparkfires.com	866.938.3846
Steel Joist Institute	88	389	www.steeljoist.org/morespace	
Technical Glass Products	15	49	www.fireglass.com	888.397.FIRE
Traco	35	50	www.traco.com	800.837.7002
USG	7	56	www.getmoldfacts.com	
VT Industries	26, 27	53	www.vtindustries.com	800.827.1615 x345
Weathershield Windows & Doors	C4	393	www.weathershield.com/A	800.477.6808
Weathershield Windows & Doors	84-87	—	www.architectmagazine.com	

Volume 96, number 1, January 2007. ARCHITECT® (ISSN 0746-0554; USPS 009-880), formerly published as *Architecture*®, is published monthly, except for two issues in October and a combined issue for November/December, by Hanley Wood, LLC, One Thomas Circle, N.W., Suite 600, Washington, D.C. 20005.
Copyright 2006 by Hanley Wood, LLC. Printed in the USA.

Periodicals postage paid at Washington, D.C., and at additional mailing offices.
POSTMASTER: Send address changes to ARCHITECT, P.O. Box 3572, Northbrook, IL 60065-3572.

Canadian Post International Publication Mail Sales Agreement No. 40655599.
Send undeliverable Canadian addresses to Deutsche Post Global Mail, 4960-2 Walker Road, Windsor, ON N9A 6J3.

ARCHITECT AZIZA CHAOUNI WON A P/A AWARD FOR HER RESEARCH ON HOW TO REPAIR THE CRUMBLING YET VITAL MEDINA OF FEZ, MOROCCO. SHE EXPLAINS HER MOTIVATION TO ARCHITECT.

Interview Amanda Kolson Hurley Photo Kent Dayton

AZIZA CHAOUNI

Why did you make Fez the focus of your research?

I was born in Fez and spent 18 years of my life there. I didn't live inside the medina, but we would always go there to shop. It's still very active—not this nice little museum for tourists. Now, unfortunately, it's falling down, and the question is, what do you build?

What don't you like about most recent construction in the medina?

Tourists have a distorted idea of what Morocco is, so now you see *One Thousand and One Nights*-type architecture, this imagined, orientalist style, or exact replicas of traditional courtyard houses. There's also a vernacular style, which is more of a hybrid of what people thought was Moroccan—green tiles and arches—mixed with modern typologies. It's a compromise between traditional and modern, and isn't very successful.

How is your approach different?

My approach is, you build something for the population that lives there, not the people who are just visiting. It's a very socially conscious approach. In the medina, even if people retain very strong aspects of Moroccan tradition, they still want modern facilities.

Why do you want to bring Al-Qarawiyn University back?

Fez was built around the university, which is [one of] the oldest in the world. After independence [from France, in 1956], it was closed and moved outside of the city to an Americanized campus. It deprived people of a huge facility and lots of public space. The population saw it as somebody stole it from them. So for me, it was very natural that it should be brought back.

Your research was self-initiated. What has been the response from officials in Fez?

They had a hard time understanding what I was doing. They didn't see that you can build something modern that answers all the [UNESCO World Heritage site] restrictions. People thought in the beginning this was too radical for the medina: How can you depart from the courtyard houses?

Do you think they'll adopt your proposals?

Maybe in a few years, 10 years ... it will take time. But I opened the discussion on a subject that was taboo.





SAMSUNG



Introducing Tempest, The Next Generation From Staron Surfaces.

NOW AVAILABLE IN 10 INSPIRING COLORS,
Tempest offers designers a look that rivals natural stone and quartz. Yet it has all the features and benefits of solid surface, such as a seamless appearance, nonporous, hygienic properties, and virtually unlimited design possibilities.

Tempest features a larger, translucent particulate that gives it amazing depth and a unique appearance not before seen in solid countertops and surfaces.

tempest

by Staron® Surfaces

To learn more, visit www.staron.com
or call 1.800.795.7177. © 2007 Cheil Industries Inc.

Circle no. 401 or <http://architect.hotims.com>





Set your sights high. Sky high. Create a focal point that's absolutely impossible to ignore. Consider, for example, what you could accomplish with a combination of Weather Shield® windows such as the rectangle, square and triangle shaped direct-sets displayed here. Rise. Shine. Elevate custom home design to a whole new level.

Demand Better. Compromise nothing. Get more of everything you could possibly want in windows and doors. Visit us online at weathershield.com/A



Want More  Upward Mobility

1-800-477-6808

Weather Shield® Premium Windows and Doors