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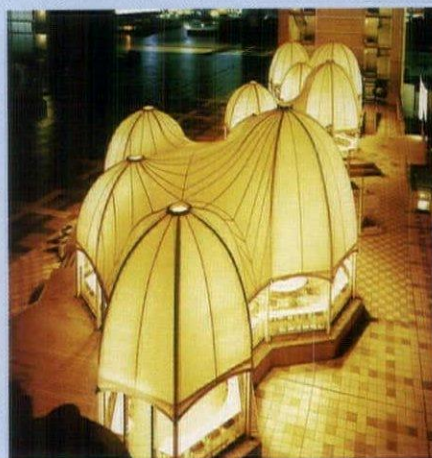
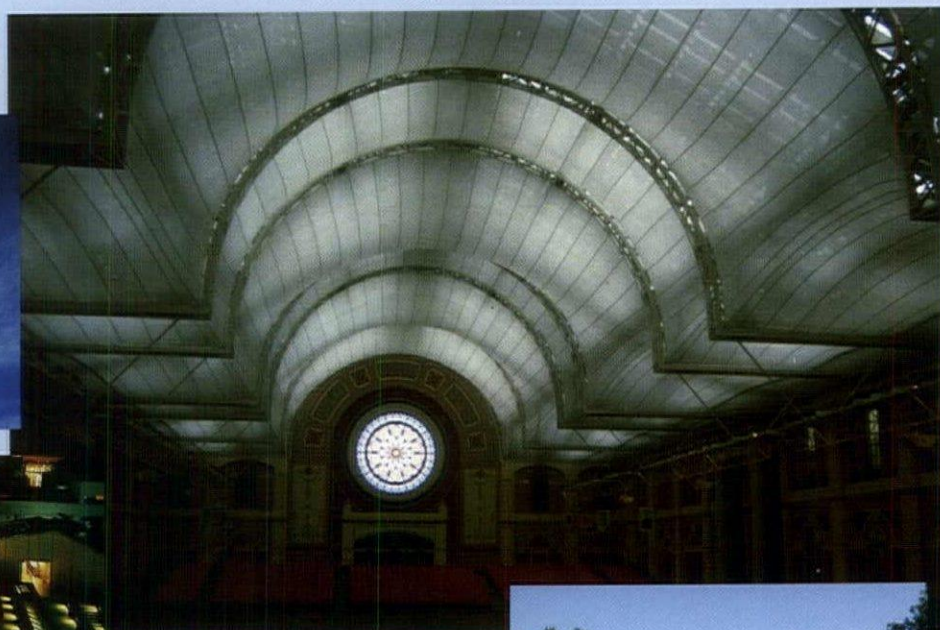
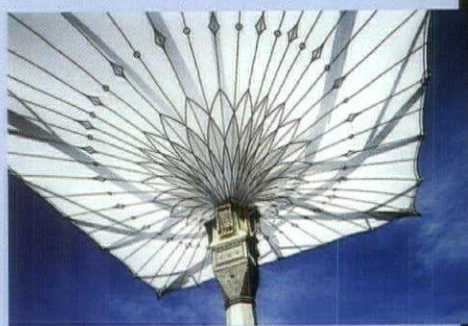
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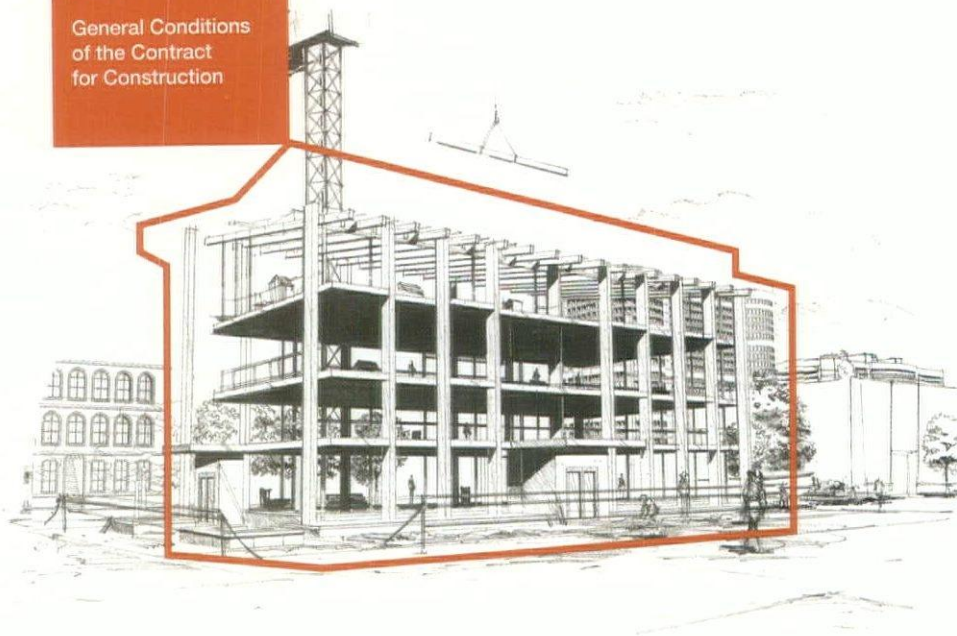
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Graphic Design

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Distribution

Shanelle Calvin

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Inform (ISSN 1047-8353) is published six times a year by the Virginia Society of the American Institute of Architects.

Subscription rate: \$22 for one year, \$6 for single copies of quarterly issues. POSTMASTER: Please send address changes to **Inform**, The Virginia Center for Architecture, 2501 Monument Ave., Richmond, VA 23220. Telephone: 804-644-3041. Note to subscribers: When changing address, please send address label from a recent issue and your new address. Periodicals postage paid at Richmond, Virginia, and additional mailing offices. Editorial offices: 2501 Monument Ave., Richmond, VA 23220. Phone: 804-644-3041. Copyright 2012 by **Inform**.

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FROM THE EDITOR

The inside/out of architecture

This issue is a mixed bag with a general theme: inside and outside. Too many people think of architecture as a product rather than a process. However, one cannot design an exterior without considering the interior and, as so often is the case, the objects within. Moreover, one cannot, in all good conscience, create a building without also understanding, perhaps even re-forming its context.

That is the spirit of the Inform Awards—to look beyond and within the realm of building design, acknowledging excellence in landscape architecture, interior design, and object design.

This issue also tiptoes into the meaning of form-based code. (And if you are interested in reading about a more formalized code, the International Green Construction Code just approved by the International Code Council, visit readinform.com to get a preview of next issue's NetWorks.) But, back to the point, a form-based code is a newly developing zoning concept that is taking hold nationwide and, thanks to the work of newly elected Charlottesville Council Member Kathy Galvin, AIA, is alive and well in Orange, Va.

A world away, or so it would seem, is the mental health hospital in the Anacostia neighborhood of the District of Columbia. But when you walk the campus of St. Elizabeths, you get the same sense of community as you would hope to enjoy anywhere: security, belonging, and familial support.

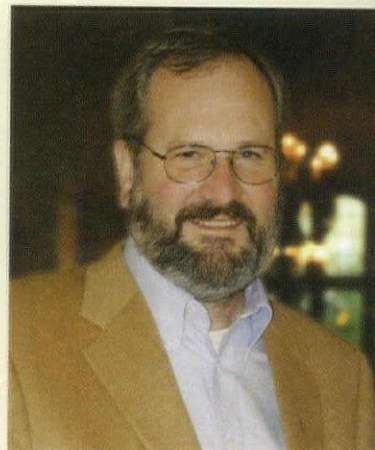
And, since I never tire of saying this: Please visit readinform.com; especially as we highlight the 28 Inform Awards Jury-recognized projects weekly throughout the rest of the year. They found it difficult to pare down their choices to seven projects, but we find it both easy and enjoyable to feature design excellence throughout the region.

But more to the point of what is going on at the Branch House in Richmond right now. Someday in the Park with George is a captivating exhibit of the L'Enfant Plan (as interpreted by Sen. James McMillan and a commission that included such luminaries as Daniel Burnham, Frederick Law Olmsted Jr., Charles F. McKim, and Augustus Saint-Gaudens). If you have the opportunity to come by on June 13, you will be treated to an engaging evening discussion on how the nation's capital has evolved and how it will continue to develop—especially in light of the recent call for an end to the height limitations within the District. Personally, the low-rise nature of the city is just one of the factors that make it my favorite place in the world.

Also upcoming is a VSAIA-inspired tour of Palladian architecture in Ireland, September 10–18, 2012. We are encouraged to join the VSAIA, the Center for Palladian Studies in America, and the Virginia Center for Architecture for an eight-day tour exploring Irish Palladianism and Classicism. Centered in Dublin, with two days in Northern Ireland, the idea is to experience a comprehensive overview of the distinctive character of classical architecture in Ireland and the emergence of Georgian Palladianism in the Emerald Isles, with trips to Trinity College, Leinster House, Dublin Castle, Powerscourt and Russborough House, the Casino at Marino, and Florence Court and Castlecoole.

Visit www.aiava.org for details.

—DEG



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Pope John Paul the Great High School Chancel
Photo by Hoachlander Davis Photography

Design Dialogue

An Example of Form-Based Code: Orange, Va.

One element associated with the Smart Growth and New Urbanism movements has become what is often referred to as the form-based or transect-based code (where “transect” refers to the categorization of various land-use characteristics from an urban core to a rural boundary). The concept, which is gaining considerable traction in jurisdictions across the country—from small towns to large cities—involves mixed use; pedestrian accessibility to work, shopping, school, play, and worship; water management; controlled automobile traffic; green-space conservation; and resource efficiency in general. A major proponent is the Center for Applied Transect Studies, which offers a free, open-source example on smartcodecentral.org. Here, adapted from her own blog site

is the form-based development statute for Orange, Va.—including the new development plan for the Round Hill (Uptown) property—by Kathleen Galvin, ALA, who also became a member of the Charlottesville City Council in the November 2011 elections. Moving away from the mid-20th-century automobile-centric development patterns, performance-based codes provide access for mixed-income residents to housing, jobs, schools, and public gathering spaces that also enhance communities economically, Galvin says. The code requirements enable development by replacing discretionary review processes with transparent, consistent, and fair development criteria, resulting in approval processes that take months instead of years, she says.

A “form-based code” is a method of regulating development to achieve a specific urban form, with a lesser focus on land use. Form-based codes address the relationship between building façades and the public realm, the form and mass of buildings in relation to one another, and the scale and types of streets and blocks. The regulations and standards in form-based codes are presented in both diagrams and text and keyed to a regulating plan. (See also the Form Based Code Institute Web site, formbasedcodes.org.) Site-design guidelines are similar in that they seek to achieve a specific settlement pattern and urban form (as expressed by a community’s vision for future development.) Unlike form-based codes, guidelines are not mandatory, but advisory.

6

Historic and policy context

The Town of Orange is a collection of neighborhoods that vary in size, scale, and intensity. The Historic Main Street Station Area preserves the built scale, densities, and pedestrian-orientation of an era when train travel and walking were the primary modes of transportation. The older residential neighborhoods immediately adjacent to the old Downtown also reflect this respect for pedestrian scale and are within a ¼- to ½-mile radius of the heart of the Town of Orange. This same pattern of historic urban development can be found in many Virginia towns and cities. Notably, much of the surrounding county has been zoned for agriculture, preserving the town’s agrarian past, including Round Hill.

Like many American towns and cities, Orange went through mid-century suburban development (particularly along the Route 15 Corridor) with the automobile as the primary mode of transportation. This pattern was widely promoted and codified throughout the U.S. However, in Virginia, with the addition of Chapter 382 of the 2002 Acts to the Code of Virginia, secondary streets must now ensure the connectivity of road and pedestrian networks in each new development with the existing and future transportation network. These Secondary Street Acceptance Requirements (SSAR) in 2009, may very well mark the beginning of a return to a more balanced approach to transportation planning in Virginia that encourages a mix of transit modes.

The Town of Orange Comprehensive Plan, adopted in 2006,

created an alternative vision harkening back to the “Main Street” framework that revolves around Downtown, Midtown, and Uptown. Downtown encompasses the historic Main Street Station Area and surrounding neighborhoods. It is more dense, mixed-use, and pedestrian-friendly than the suburban fringe.

Given this urban pattern along a train line, the predominant development strategies for the Downtown are context-sensitive infill combined with transit-oriented development. Midtown includes the old strip suburban shopping centers along Route 15. This area is ripe for redevelopment in a more urban pattern, yet does not necessarily warrant preservation. Finally, Uptown is predominantly farmland with some suburban-oriented development potential, rather than preservation, context-sensitive infill, or redevelopment. The Round Hill property falls squarely within the parameters of “Uptown.”

Essential concepts and purpose

The town’s vision for Uptown necessitates a different set of regulatory practices than currently followed by either the Town or the County of Orange. The Uptown North Orange Form-Based Code (UNO-FBC) represents both an implementation strategy and an alternative code for developing the Round Hill site in keeping with the comprehensive-planning concepts of “Uptown” and “Traditional Neighborhood Development” as defined by the town’s Traditional Neighborhood Development (TND) Zoning District. As referenced earlier, the inspiration and content for that strategy comes from historic precedent

(i.e., the Town of Orange and Charlottesville) and New Urban developments, such as the Kentlands in Gaithersburg, Md. The conceptual foundation for that strategy is the *transect*.

To accommodate the town's diverse goals, the Uptown North Orange Development Team needed a clear but flexible planning tool for organizing development. The transect was selected because it simulates historic urban growth patterns in that it organizes places along a continuum of lesser-to-greater intensity of development.

These places have discernible centers and edges within a *pedestrian shed* (the distance from the focal point to the edge is within a walking distance of a quarter to a half a mile) and they support a variety of dwelling types, according to the transect-zone definitions:

T1: Natural Zone approximates wilderness conditions, including lands unsuitable for settlement.

T2: Rural Zone includes woodland, agricultural lands, grasslands, and irrigable deserts.

T3: Sub-Urban Zone is low-density residential with deep setbacks and irregular roads.

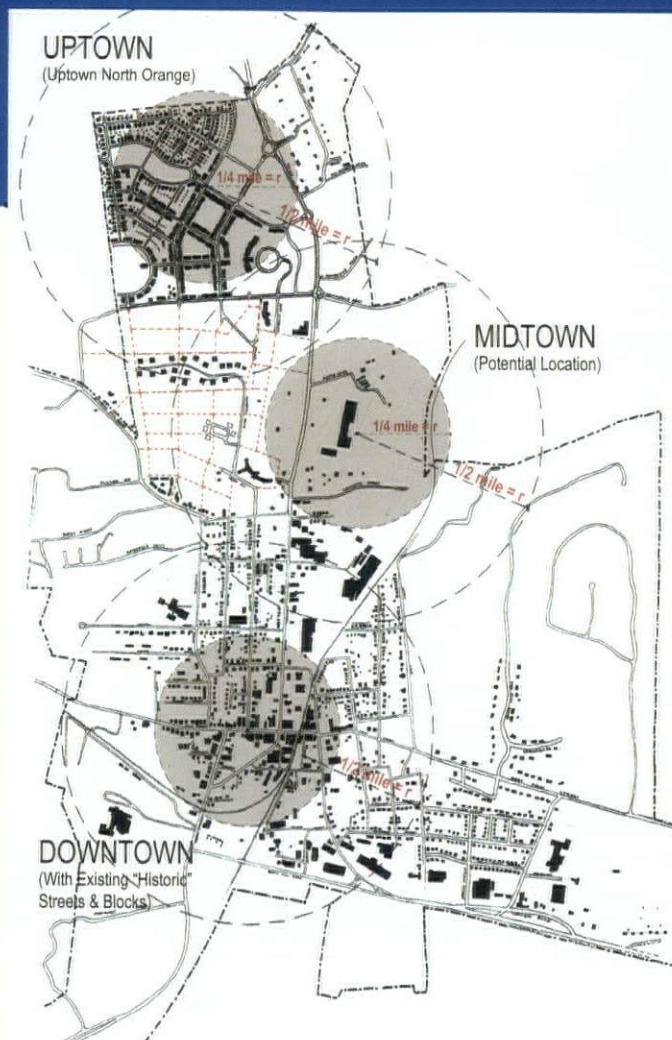
T4: General Urban Zone, primarily residential, has single, sideyard, and rowhouses, variable setbacks, and midsize blocks.

T5: Urban Center Zone of higher-density mixed-use building types—retail, offices, rowhouses, and apartments—has a tight street networks, wide sidewalks, steady street-tree planting, and buildings set close to frontages.

T6: The Urban Core Zone has high density, variety of uses, and important civic buildings. Possibly with larger blocks, streets have steady tree planting and buildings set close to the frontages.

Applying this strategy to Round Hill, one can see that Uptown falls neatly within a pedestrian shed. The area of highest density and intensity of land use mixing is the Uptown Center, T5. The land area immediately surrounding the Center, with relatively less density and intensity, is T4. The area adjacent to T4 is predominately residential (with a range of product types) and is referred to as T3. The area adjacent to Route 15 east of T5 has its own special district (SD) designation, in recognition of its position along Route 15. The outlying countryside surrounding Round Hill as well as larger areas of open space within Round Hill is T2.

Further, Uptown comprises five Traditional Neighborhood Development (TND) Transect Zones (T2 through T5A) and one Specialized District (SD15), ranging from most to least urban.



Intersecting transects from Downtown to Uptown connect amenities in a pedestrian-friendly way.

Special District SD15 is a zone within the TND that—due to its adjacency to a state highway (Route 15)—has a physical form that is more auto-dominated and less pedestrian-oriented than Transect Zones T5A, T5B, T4, T3, and T2. Furthermore, it is dominated by a single use, namely a type of retail that requires visibility from a roadway with a high frequency of vehicle miles traveled per day. Where SD15 abuts major entrances to UNO from Route 15, buildings shall front the entrance thoroughfare, and parking shall either be relegated to the rear of buildings or visually minimized.

The Uptown North Orange Form-Based Code is intended to be a legal document that regulates land-development by setting coherent controls on building form while employing more flexible parameters relative to building use and density. This emphasis on physical form is intended to produce safe, vibrant public spaces (e.g., streets, parks, and shopping areas) with a viable mix of uses. The form-based code uses simple, clear graphic prescriptions and parameters for height, siting, and elements to provide the basic ingredients for good public space.

For live links pertaining to this article, view this article on readinform.com.

How Academia Prepares Students to Be Employed

By Nicholas E. Vlattas, AIA, and Deborah Marquardt

A recent report from the Georgetown Center on Education suggesting that architecture graduates have the highest rate of joblessness, 13.9 percent, is getting a lot of press. "Want a Job? Go to College and Don't Major in Architecture," shouted a headline in *The New York Times* in January.

Many of us have weathered recessions in our careers, but this one somehow feels longer and deeper than the others. That's an unfortunate thing for promising young talent emerging from architecture schools—and for firms that might miss out on dynamic new talent.

Is this startling statistic the result of our industry being particularly hard hit? Or does it have something to do with architecture education? For example, would knowing more about the business of architecture make young people more bullet-proof in a profession that too often adopts the old maxim—"last hired, first fired"—when having to cut expenses?

We turned to the leaders of Virginia architecture schools for their thoughts. Their responses were forthright, to be sure.

8 "Our focus is on excellence, and our graduates are finding employment," says Robert Easter, chair of the Department of Architecture at Hampton University.

"U.Va.'s goal is to make our students be the hardest to fire—make them the most useful, hardworking, and prepared," replies Kim Tanzer, dean of the university's School of Architecture.

"It's easy to slip into the 'now' world and forget historical precedent," adds Jack Davis, dean of architecture, College of Architecture and Urban Studies at Virginia Tech. "In 1998, another faculty member and I sat on an AIA panel asking why architecture schools were producing so many architects while the economy was in shambles. By 2003, our graduates were getting signing bonuses because of a shortage."

The difficult academic balance

The question of curriculum balance clearly has been on educators' minds. *Architect* magazine entered the debate a few months ago with a cover entitled "What Are We Teaching?" It describes architecture schools "grappling with the shifting realities of architecture and how best to prepare students for what lies ahead." The article described a new certificate program at the University of Texas at Arlington designed to get architects to think about how their designs can create more value by creating more revenue. For their part, Columbia and Harvard are breaking down "firewalls" among programs such as real estate, architecture, and urban design.

"The education of an architect is a continually challenged balance between knowledge that is timeless and information that is timely," Davis says. "We don't discourage the student who wishes to minor in business administration—or those who go for an MBA after a BArch—just as we don't discourage advanced

degrees in historic preservation, construction management, planning, or urban design. Each of these, and many others, are valuable contributors to our profession." Yet, he says, "to replace basic and fundamental design education coursework, while also jeopardizing professional accreditation, will only weaken the substance of architecture and associated fields."

Tanzer agrees there is a tension between giving students skills they need to get hired in the current market versus providing skills that will serve them for 30 years. "The challenge," she says, "is what to compress into the program?" U.Va. offers several classes focused on broadening students' capacity to engage the current job market. For example, in "Design Entrepreneurship" alumni mentors teach individual students to balance income and expenses. Tanzer's "entrepreneurial students" have prepared business plans for projects as diverse as an urban farm in Ohio and a self-sufficiency program for African women, in addition to design-build projects that apply the art of design to the bottom line.

Easter says Hampton's five-year master's program devotes six hours to professional practice issues.

Training graduates as responsibility and opportunity

Our firm's Summer Design Scholar Program nourishes us with young design talent. Sometimes we are able to make full-time hires from this pool. These freshly minted grads are fluent in technology and brimming with ideas, providing much-needed mentorship to senior staff who are not as intuitive with new design tools. They are bright and eager to take initiative, though few have thought much about the business of architecture. Alexandria Mathieu, a recent scholar and U.Penn. MArch grad, and now a firm member, enrolled in the Virginia Society AIA's ELA program (Networks, INFORM No. 2, 2012) to fill that void. She's been blogging about it on our company intranet:

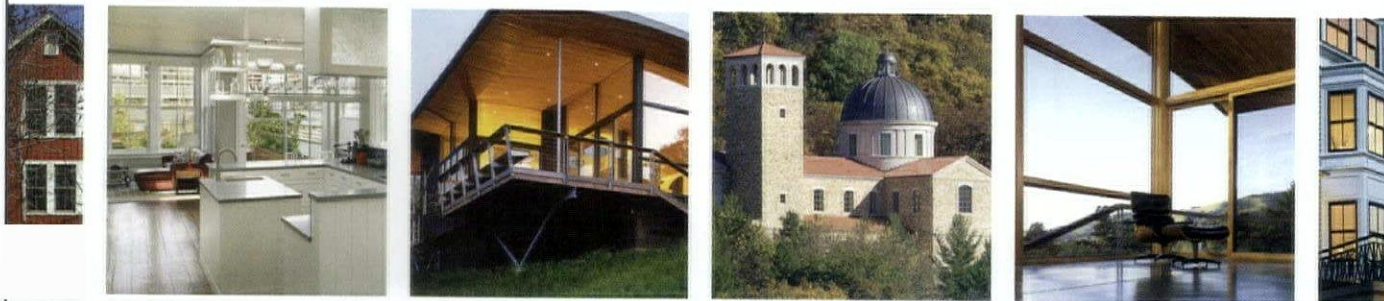
"This session's theme focuses on firm leadership, ownership and transition, small business management issues, financial planning, and financial management. I'll tell you, my head was spinning ... School doesn't prepare you (enough) for this—which brings us to a whole other set of discussion points and just another reason why this program is incredibly valuable."

If graduates like Alexandria are today's benchmark, we have to say: "Thank you, Academy. They arrive very well-prepared and are resourceful about getting the rest of what they need."

So maybe it's not a question of what architecture students are being taught but how well all of us are preparing for a profession that must adapt to a changing world—one that won't look a lot like yesterday.

Please share your thoughts on architecture education at www.readinform.com

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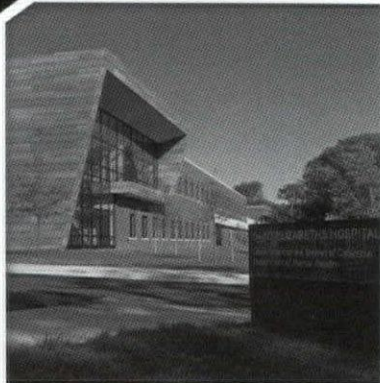
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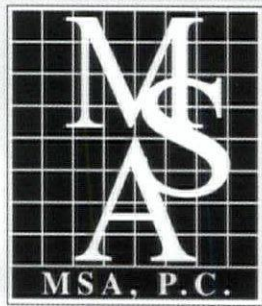



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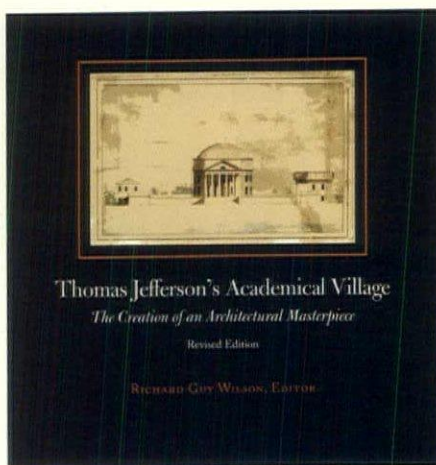
Veteran-Owned Small Business

Thomas Jefferson's Academical Village: The Creation of an Architectural Masterpiece

Joseph M. Lasala, Patricia C. Sberwood, and Richard Guy Wilson. Edited by Richard Guy Wilson
Charlottesville: University of Virginia Press. Revised edition 2009, 123 pages, \$24.95.

The first edition of this book was published in 1993 to accompany an exhibition at the University of Virginia Art Museum and celebrate the 250th anniversary of Jefferson's birth. It brought to light some of the latest research on Jefferson's most important collection of public buildings, the Academical Village. The revised 2009 edition, like its predecessor, was printed in conjunction with the University of Virginia Art Museum and to coincide with the 500th anniversary of Andrea Palladio's birth. The additions and edits made by Wilson are welcome updates and handled superbly, in that they do not alter the original and still relevant findings of the 1993 scholarship. The most noticeable difference is that Wilson reduced the number of chapters from three to two, having the second chapter absorb what was the third (a section on preservation).

The first chapter, on the University's founding and design, has minor edits for



clarity, such as to better explain the maddening role of the Virginia Legislature. Clarity is added on Jefferson's reliance on Palladio and printed sources, a point acknowledged but not fully formed in the earlier edition. The greatly revised second chapter is an essay on the University's canonical place within

history. Added are sections on Brooks Hall, disputed watercolors questioning who designed what, post-World War II architecture, and a large section on preservation. This last addition is of most value, especially in light of the University's double quest to protect and modernize Jefferson's buildings. This is a daunting task but with the invaluable scholarship provided by this book, at least the path has been made clearer. Additionally, the revised edition has an increased number of illustrations (most in color), expanded captions, clear system of endnotes, and a usable index.

The greatest value is that these authors provide the reader a wealth of knowledge on Jefferson's design process, the founding of the University, its early days, its continued relevance and importance, and a charge to current and future generations to honor and protect one of the greatest collections of public buildings in America.

—Craig A. Reynolds

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Essays in Early American Architectural History

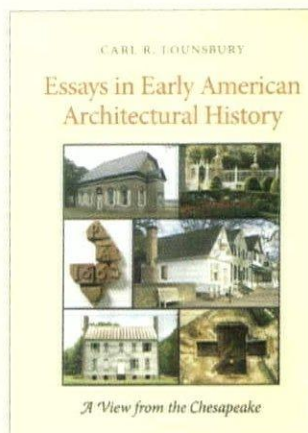
Carl R. Lounsbury

Charlottesville, University of Virginia Press, 2011, 280 pages, \$35.00

This collection of essays on mostly colonial architecture and town planning is a real page-turner as Lounsbury takes us through (as the title suggests) mostly Mid-Atlantic early America, but also some New England and Pennsylvania as well as a touch of European architectural history. In this thorough work of research of residential and ecclesiastical architecture tempered with a thorough understanding of contemporary architectural and town-planning trends, these essays provide an insight into Mid-Atlantic vernacular, architectural history, and re-created history that must be read to be truly appreciated.

A longtime, hands-on scholar of Jamestown and Williamsburg, Lounsbury, in the very last essay of this collection takes critics of that re-creation head on, such as Ada Louise Huxtable when she wrote that Americans prefer "an invented past, invented places." We will turn here to that essay as an example of the magic of this book.

In describing the John D. Rockefeller



Jr.-financed re-creation of the colonial capital of the 1920s and '30s, Lounsbury writes: "What has set Williamsburg apart from the very beginning is the scale of the enterprise—the amount of time and money devoted to the study of this relatively small colonial town has had few parallels in America. As a result, the restoration has received its share of praise and searing criticism from

a variety of observers ... Eager consumers purchase tin whistles and reproduction high-boys as fast as they can be licensed, and cultural critics see the entire enterprise driven by capitalist greed."

"Our history shapes us and we shape our history," he writes, adding a twist to Rockefeller's wish that "the present may learn from the past" with: "that the present may earn from the past." He even suggests a warning sign for the Williamsburg Historic Area: "Now entering the Colonial Revival Area: this is how people in the 1930s imagined the eighteenth century. Do not mistake it for a past that cannot be recaptured."

But recapture the past is the goal of this book, as Lounsbury suggests when he writes: "We spend much of our time in the field teasing out the small differences that are always there in the woodwork, because they provide a glimpse of eighteenth-century life. The hardest part is translating these mute clues into plausible explanations of that past." —DEG

I Am Like Concrete

by Demetrius

I am like concrete

People always try to walk on me

But I never break

Like the concrete

When it rains or snows

I get the leftovers

But still

I am strong

Like concrete

Selection from *They Call Me 299-359*,
*Writings by the Incarcerated Youth of Free
Minds Book Club & Writing Workshop*,
October 2011,
freemindsbookclub.org

Contributors to **Inform**

Issue 3, 2012

Deborah Marquardt inspires public relations for Hanbury Evans Wright Vlattas + Company. Her writing appears in magazines nationwide.

Craig A. Reynolds is a PhD student with the Virginia Commonwealth University Department of Art History in Richmond.

Nicholas E. Vlattas, AIA, is the CEO for Hanbury Evans Wright Vlattas + Company.

J. Michael Welton writes about architecture and design for national publications.

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July

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Commercial Buildings, Fairfax

September

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2009 IEBC Fundamentals, Charlottesville

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Dates and titles are subject to change.

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2012 **inform** AWARDS

Landscape • Objects • Interiors

The 21st annual Inform Awards—honoring the best mid-Atlantic designers of landscape architecture, interior design, and object design projects from the past five years—drew 149 submissions. Seven projects received honor or merit awards, and the jury recognized another 28 projects as exemplary design works. The seven are published here, and the 28, listed below, will be published individually throughout the remainder of the year on readinform.com.

Our thanks go out both to the architects and related design professionals who submitted projects and to the distinguished jury:

Jury Chair **Michael J. Crosbie, PhD, FAIA**, is the chair of the University of Hartford department of architecture, author of more than 30 books, and former senior editor at both *Progressive Architecture* and *Architecture* magazines. He currently serves as editor in chief of *Faith and Form*.

Thomas Fisher is dean of the University of Minnesota College of Design. He was the *Progressive Architecture* editorial director, has lectured or juried at more than 40 schools and 60 professional societies, and has published 35 book chapters, 250 articles, and 6 books.

Cindy Pavlinac is a fine-art photographer and author in San Rafael, Calif. Her images have won numerous awards and appeared in more than 800 publications. She also photographs artwork for artists and advises on professional presentation and publication.

In addition to “light-filled, elegant, beautifully detailed [and] sustainable projects,” the jury commended “very spare, affordable” designs, strong landscapes, and “incredible Neo-Classicism [from designers] who really know how to do it.” Jurists also commended the fusion of old and new and sustainable, graceful design, elegant integration, and smart use of materials. As thought for future submission, the jury provides this advice:

Submitting designers should take on the very important role of submission editor. “The mark of a good designer is knowing when there’s too much information and then paring things back,” one jurist noted. “Sometimes with a submission, there are too many ideas, and the designers should step back and focus on two—three at the most—really strong ideas and get rid of the other concepts. The other thing is to balance words and images. For a jury, seeing all photographs with only two or three sentences is not very helpful; neither is too much text at the expense of illustration. Somewhere between half and three-quarters of a page of text that really explains the important ideas in the project is probably the best balance.”

2012 Inform Awards Jury Recognition

Landscape:

Dogon Eco Tourism Center, Bandiagara, Mali, ISTUDIO Architects; The James Hoban Memorial, Desart, County Kilkenny, Ireland, Travis Price Architects—Spirit of Place - Spirit of Design, Inc.—The Catholic University of American School of Architecture and Planning; Adventist Health System Headquarters, Altamonte Springs, Fla., Little; Kalevalakehto: The Shaman’s Haven of the Kalevala, Travis Price Architects—Spirit of Place - Spirit of Design, Inc.—The Catholic University of American School of Architecture and Planning; University of Richmond Carole Weinstein International Center, Richmond, Higgins & Gerstenmaier; The 9/11 Memorial of Maryland, Baltimore, Ziger/Snead Architects; Urban Landscape, Washington, D.C., KUBE architecture PC; Combs Point Residence, Ovid, N.Y., Michael Vergason Landscape Architects, LTD.

Object:

clearly_HERE, Raleigh, N.C., Tonic Design; Folding Chair, Alexandria, Monstrans; 1170 RS Ducati, Barber Motorsports Park, Ala., 111 K Street, NE, Feature Wall, Washington, D.C., reform, llc; The DOCKr, Washington, D.C., inNuevo, LLC; BENCH|WALL, Washington, D.C., The Catholic University of America School of Architecture and Planning

Interiors:

VCU Brandcenter, Richmond, Baskervill; CompTIA, Washington, D.C., KUBE architecture PC; Wissioming2, Bethesda, Md., Robert M. Gurney, FAIA, Architect; United States Naval Academy King Hall Galley Renovation, Annapolis, Md., HKS, Inc.; Piedmont Farm, Howard County, Md., Muse Architects; 308 Mulberry, Lewes, Del., Robert M. Gurney, FAIA, Architect; Becherer House, Earlysville, Va., Robert M. Gurney, FAIA, Architect; id Software, Richardson, Tex., Frederick Cedema Architects; Lorber Tarler Residence, Washington, D.C., Robert M. Gurney, FAIA, Architect; Rock Creek Residence, Washington, D.C., Marshall Moya Design, LLC; World Wildlife Fund – 1st Floor North Renovation, Washington, D.C., Envision Design, PLLC; Volkswagen Group of America U.S. Headquarters, Herndon, Va., VOA Associates, Inc.; Eat, Play, Cleanse, Washington, D.C., KUBE architecture PC





Honor Award

Memorial to the Magar Ancestors Bhedetar, Nepal

Travis Price Architects—Spirit of Place—Spirit of Design, Inc.—The Catholic University of America School of Architecture and Planning

Villagers in the Himalayan foothills of eastern Nepal adhere to a mixture of Hindu and Buddhist beliefs. In the course of creating new agriculture learning fields near their traditional burial grounds, old tombs had been disturbed, and people of the Namje and Thumki villages feared having disrespected their ancestors while their souls were regenerating and reincarnating.

Using symbolism derived from the regional burial customs, in which mourners carry stones up the hill to create burial tombs, the design-build team of students created a place of communal reflection where village shamans could also conduct ceremonies. The seven-foot-high stacked-stone walls surround a 3x6-foot opening in the earth, edged with standing stones—connoting the sea of souls—and covered by laminated glass. The glass connects the reflected sky above with the earth visible beneath it.

The project is part of a graduate/undergraduate elective course in which students design a project in the spring semester for a remote location and spend nine days the following June to construct it. (Just published is a heavily illustrated history of the 18 years of the Spirit of Place program, *The Mythic Modern: Architectural Expeditions in the Spirit of Place*, by Travis Price, FAIA.)

"This student design-build project for a memorial in Nepal is an extraordinary example of how a deep understanding of a place and its local building and religious traditions can lead to a very powerful and evocative structure," commended the jury. "The stonework in the memorial is very beautiful and the simple forms and the central void have an almost primeval quality."

Primary Subcontractors: Karna Magar, Meck Magar

Professors: Travis L. Price III, FAIA, and Kathleen Lane, Assoc. AIA

Student Team: Andrew Baldwin, Miguel Castro, Liz Marie Fibleuil, Suzanne Humphries, Carrie Kramer, Ashley Marshall, Kristen McKenzie, Chloe Rice, Abigail Rolando, Arvi Sardadi, Allie Steimel, Kevin Thomson, Lauren Warner, Evan Wivell
Photographer: Travis Price, FAIA

Landscape



Honor Award

The Crib at Strathmore
Bethesda, Md.
Broadhurst Architects, Inc.

"This small, demountable 'corn-crib' cabin creates an elegant shelter, complete with a kitchen and sleeping loft, that has a minimal impact on the site and that allows for rapid construction," the jury observed. "While it could serve eco-tourists, the cabin could also serve as a model of emergency shelter." The corn-crib shape, elevation of the floorplate above-ground, and light-transmitting slatted cladding all help make the small space feel much larger, the jury added: "It is fun, portable, environmentally responsible."

The 250-sf prototype is currently a temporary, habitable exhibit in the Music Center at Strathmore sculpture garden where it serves the Strathmore Fine Artists in Residence program. Its high-recycle-content and recyclable materials are fabricated off site into components designed for quick on-site assembly. Although its form is based on traditional corn cribs, it is a sophisticated kit of parts: two galvanized steel bents for the main structure, engi-

neered-wood and steel structural elements span the bents to connect insulated panels for the floor and roof, prefabricated wall panels are of unpainted heat-treated poplar, and layers of recyclable translucent insulating polycarbonate sheet clip into the framework.

Additional environmentally responsible elements of the Crib include its minimal site disturbance, high insulation values, a propane fireplace, limited interior finishes, rain-water collection, light-emitting-diode and compact-fluorescent light fixtures, cooling through ventilation and a ceiling fan, and ready re-location and re-use. Operable window walls allow air circulation and expansion of the space out to the fiberglass deck.

Fabricator: Added Dimensions Inc.

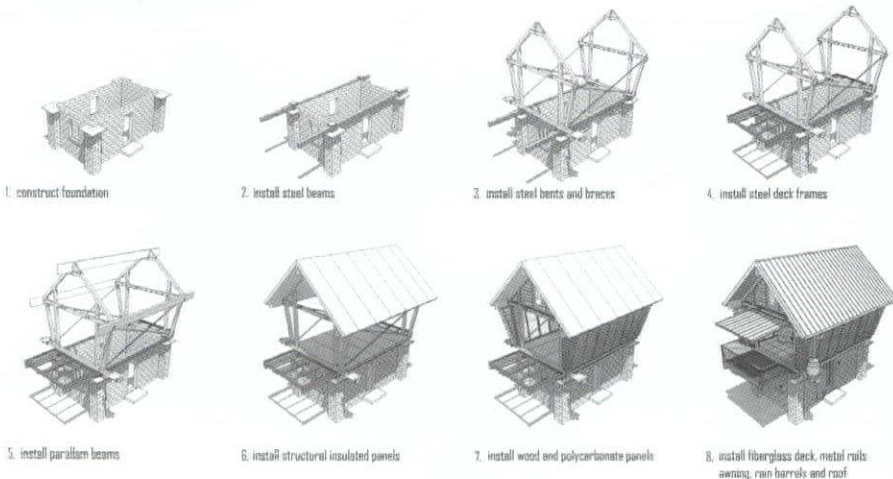
Landscape Architect: Lila Fendrick

Photographer: Anice Hoachlander

Object Design



the crib® assembly sequence





Merit Award

**Pope John Paul the Great High School
Dumfries, Va.
MTFA Architecture**

Designed for the chapel of a new Catholic high school, the chancel furniture pieces stand at the end of a procession for the Eucharist. The rising curved lines of the wooden chapel structure inspired the design of the altar, tabernacle, and ambo.

The altar symbolizes sacrifice, with its curved wooden legs recalling the form of a chalice. The top is of white granite with deep burgundy speckles symbolizing the spilled blood of Jesus.

The tabernacle table symbolizes the presence of Christ, and its legs bring to mind the shape of a fish tail and thus the long-prevalent Christian symbol of Ichthys.

The ambo, with its stainless steel legs rising up like hands, symbolizes prayer.

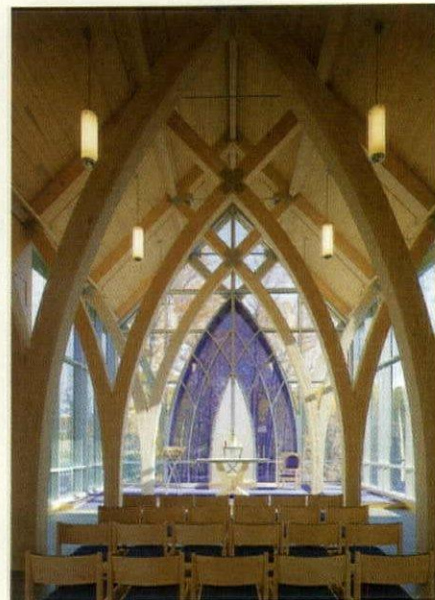
The chancel furniture and its pointed-arch supports, "sensitively echoes the pointed-arch architecture of the chapel in which it is set," the jury agreed.

Owner's Representative: Jim Robinson

Interior Consultant: Sharon Cantwell

Contractor: Wellingford Systems

Photographer: Hoachlander Davis Photography (chapel) and James Clark (individual pieces)



Merit Award
Seminar Bench
Bethesda, Md.
Museum and Library Furniture

The elegant simplicity of this bench belies its sturdy construction and light weight, which define its intended use in museums, libraries, and education settings as a short-term seat to accommodate one or two people. Its splayed-leg design allows easy stacking for space-efficient storage.

The bench is made from a plank of solid white oak, several oak blocks, and two stainless steel tension rods that both connect the wood pieces and reinforce the bench span. The bench works in multiples as mobile seating elements that can be easily rearranged to define and activate architectural space by innately inviting people to sit and join in a discussion or lecture.

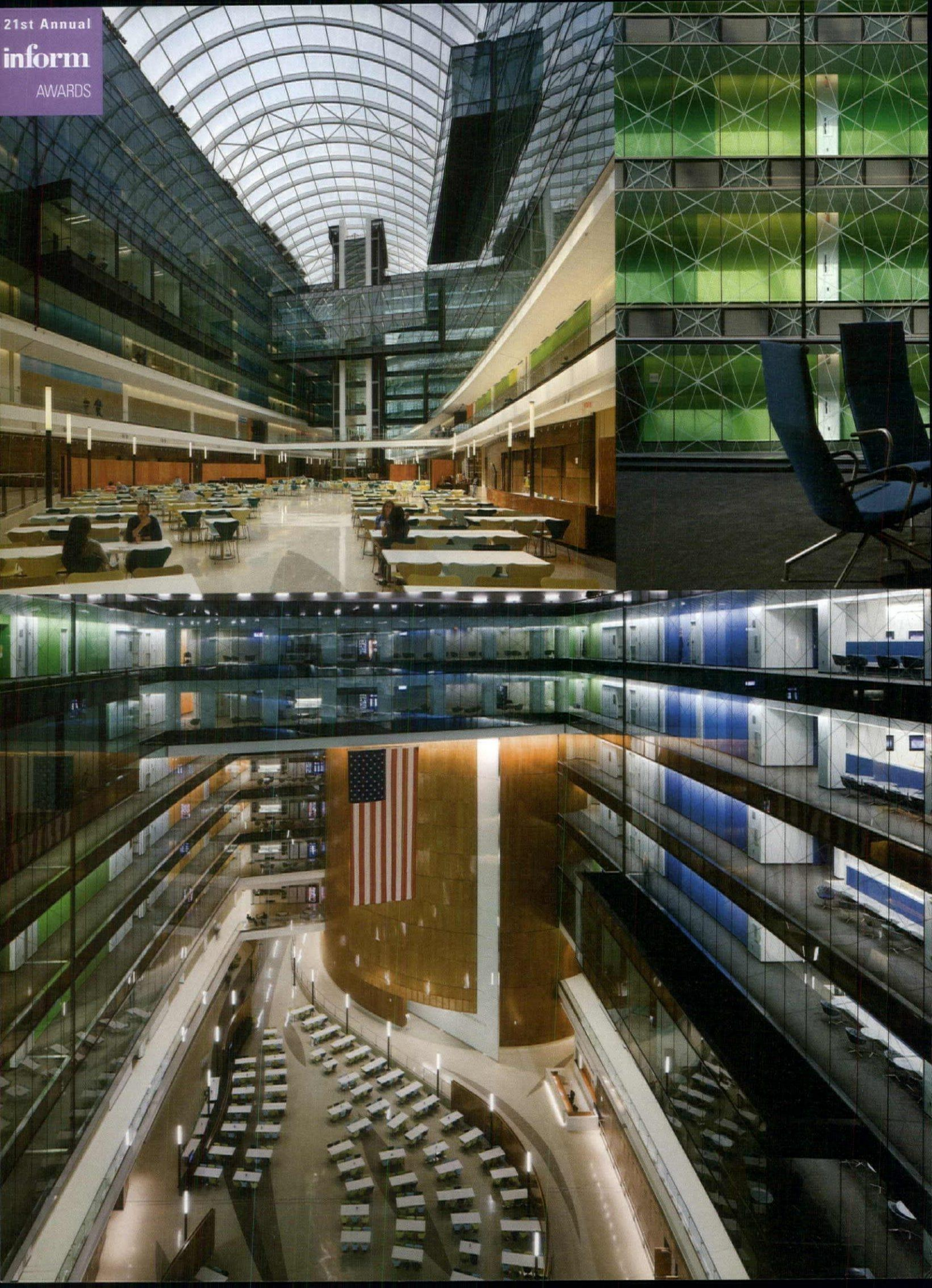
The designer specified polished, quarter-sawn oak so that the benches will improve in appearance with age and use.

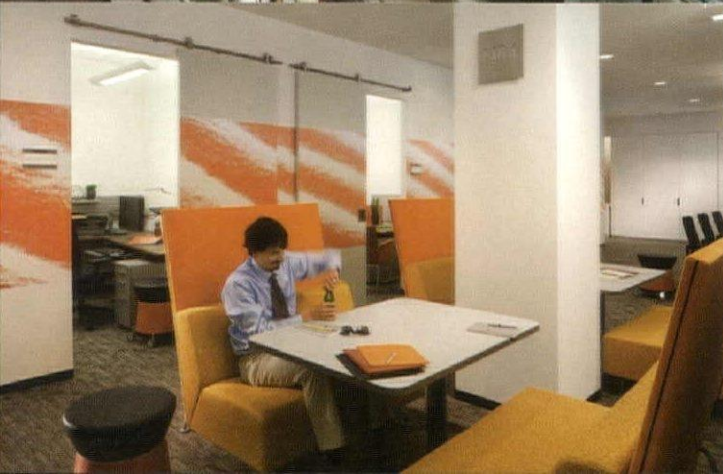
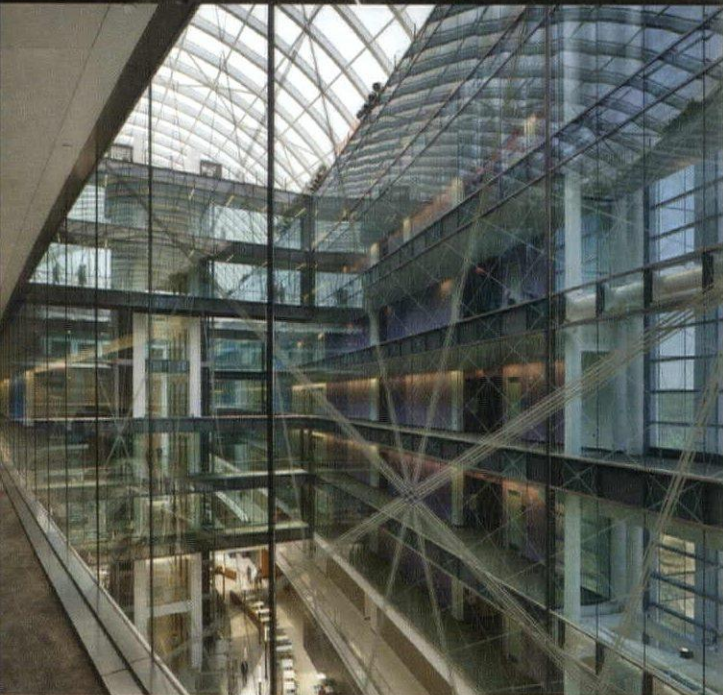
"This is a very simple, beautiful stacking bench that reveals the structure that gives it strength and allows it to stack," noted the jury.

Woodwork Fabricator: Raymond Amos

Metalwork Fabricator: Jeff Steele







Honor Award
National Geospatial-Intelligence Agency
Campus East
Springfield, Va.
Joint-Venture of RTKL and Kling Stubbins

This new facility consolidates all 8,500 NGA staff supporting East Coast operations into a single 2.4-million-sf secure environment that both reflects its mission and fosters a more collaborative work culture. The agency is the nation's primary source of geospatial intelligence.

The arc of the two large office bars reduces the apparent scale of the building's interior while optimizing daylight and outside views. The upper levels are configured in workplace neighborhoods which focus on a light-filled atrium featuring agency-wide communal spaces. The office neighborhoods connect via an interior main street overlooking the atrium. With teaming areas and cafés, the elevated main street draws people out of their typically insular workplace neighborhoods for collaborative interaction.

Patterns and layered colors on the atrium glass are reminiscent of both the earth's grid as mapped by this agency and the complex interconnectivity that describes the intelligence community as a whole. The use of color—based on a "colors of the earth" palette—and light is also a welcome respite from the intense analytic work taking place in the building as well as an aid to orientation in this immense series of workspaces.

"Gentle arcs cradle a dramatic atrium anchoring office neighborhoods connected by bridges and open views," the jury enthused. "Collaborative interaction is encouraged and guided with bold color and patterns."

Photographer: David Whitcomb





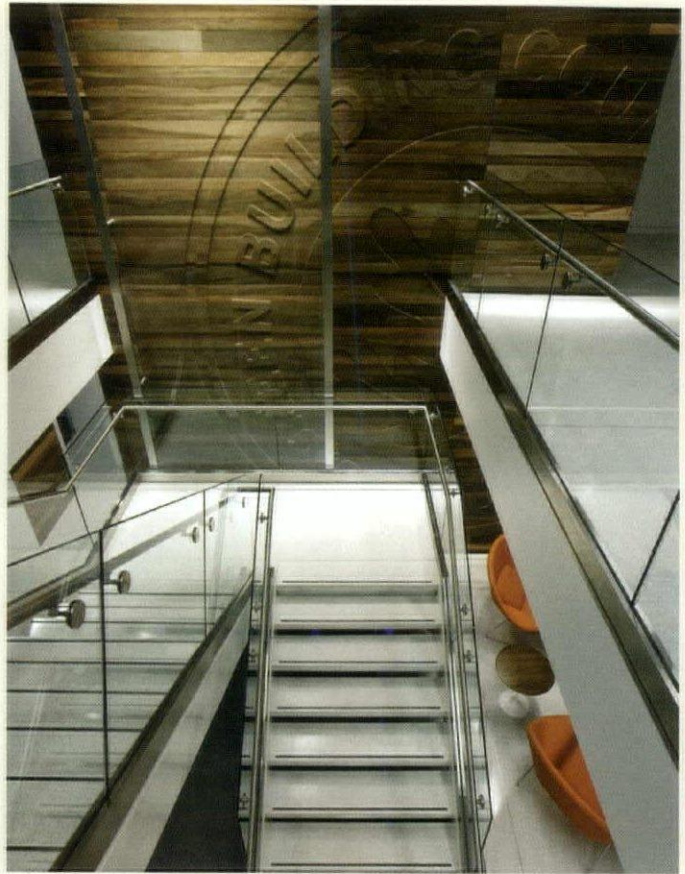


Honor Award
U.S. Green Building Council Headquarters
Washington
Envision Design, PLLC

Because of its explosive growth, by 2008 USGBC needed to lease space on two floors of a 1970s building to triple its office space and, within 12 months, fit it out as the first LEED®-certified project under its rigorous Version 3.0. The result, earning 94 points, is a LEED for Commercial Interiors Platinum design that is timeless in its sophisticated flexibility of use and yet classically modern.

The entire client, design, and construction team came together at the outset to conceive the building and worked closely to realize it. Goals included .5 watts/sf for lighting and a 60 percent reduction of water use below the base building's existing standard.

To accommodate a monumental stair, the design penetrated a concrete floor slab and used carbon-fiber reinforcement instead of steel, greatly reducing the embodied energy and increasing the available space. All workspaces have ready views to the outside, with ample daylight and sensor-activated thermal, lighting, window-shade, and plug-specific controls. Materials are predominately salvaged or recycled and locally sourced, and 97 percent of construction waste was diverted from landfills.



Biophilic elements for increased user comfort include natural materials, indoor plants, images of nature throughout, a noise-suppression system, daylight, and views to the exterior.

"This interior for the USGBC serves as a model of what a sustainable office interior might include," the jury extolled, "ranging from ample daylight, energy-efficient systems, and recycled materials, to bringing nature indoors and minimizing construction waste. The open interiors also promote visual connection and the indoor stairs promotes physical activity, both of which enhance social sustainability."

General Contractor: James G. Davis Construction

MEP Engineer: GHT Ltd.

AV Consultant: Audio Video Systems

Structural Engineer: SK&A

Lighting Consultant: Clanton & Associates

Commissioning Agent: Advanced Building Performance

Water Feature Consultant: Crystal Blue Creations

Photographer: Eric Laignel



Merit Award

**Nevis Pool and Garden Pavilion
Bethesda, Md.**

Robert M. Gurney, FAIA, Architect

The jury characterized this project within a suburban site and adjacent to woodlands as a "wonderful shelter retreat."

Through expanses of glass walls in the main area of the pavilion, the interior extends visually to the existing house and woods on two sides and a new pool, stone walls, and terraces that organize the back yard. The frameless glass walls with mitered-glass corners open to allow breezes and open access, as desired.

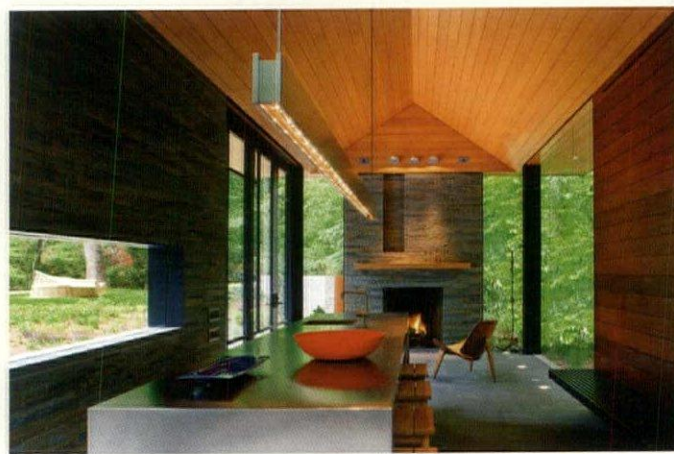
The building includes a stainless steel kitchen component with adjacent seating in the main living area.

The space is anchored by the stacked-slate-wall food-preparation space and a large Rumford fireplace at the end of the main glassed-in area. Bluestone flooring, mahogany walls, and a Douglas-fir ceiling provide visual warmth year-round while heated floors keep the space comfortable in the winter months.

Contractor: Ted Peterson

Engineer: D. Anthony Beale, LLC

Photographer: Maxwell MacKenzie Architectural Photographer





LUMENHAUS

Transcended the
Solar Decathlon

25

In the fall of 2009 on the Capital Mall, Virginia Tech's Lumenhaus—inspired by Mies's 1951 Farnsworth House—may have placed third in the design category, but it took a rather disappointing 13th place overall out of 20 entries; disappointing, that is, if that had been the culmination of its existence. Instead, however, it was only the beginning of a trajectory that included taking first place in the European Solar Decathlon in Madrid the following year, and receiving a VSAIA Architecture Honor Award in 2011 and a national Institute Honor Award for Architecture this year.

And that's not all. This remarkably beautiful and comfortable house that sits tiny but lives large has a secret super power that has taken it from Times Square in New York City and Millennium Park in Chicago to Plato, Ill., where the Virginia Tech team displayed the house in May 2011 alongside the house that inspired them in the first place. It has an integrated transport system. First conceived by the 2005 Virginia Tech Solar Decathlon team, a removable rear wheel assembly and goose-neck trailer attachment enable the team to haul the house tractor-trailer fashion as a unit, allowing quick set-up and more time for fine-tuning the house for its new location and displaying it to the public.



Lumenhaus gathers light during the day and radiates it throughout the night through its photovoltaic arrays and steel/aerogel panels. The house feels bigger than its 700 sf as its walls swing open to make the surrounding deck areas part of the interior experience.



A faux wetland is more a part of the educational experience than a working purifier of water. Nonetheless, the feature shows how plantings and water can become one with the Lumenhaus living experience.

Currently, Lumenhaus is back on the Virginia Tech campus being prepared for extensive building-performance testing at the College of Architecture and Urban Studies (CAUS) Research and Demonstration Facility. The university continues its outreach efforts, including a YouTube presentation posted in mid-April. (Go to readinform.com to find a live link.)

Integrated technology

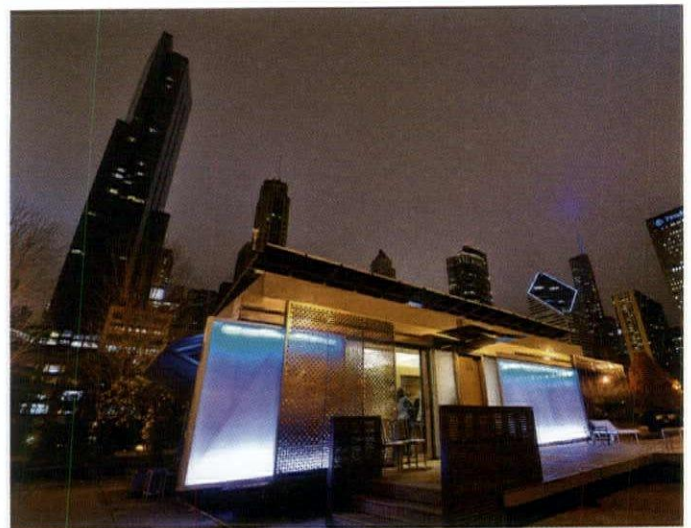
The Lumenhaus is a perfectly viable living space. It gathers light both as an amenity and as a power source. It monitors the outside weather conditions so that the automated screening system can open or close for optimum ventilation, screening, and security. And the walls can be opened and interior partitions and furnishings reconfigured to extend the interior outward or adapt to interior-use needs. Beyond a dwelling, though, the house serves as an educational exhibition informing the public about issues of alternative energy and sustainability. The wetland exhibit on the exterior adjacent to the bathroom inside, for instance, is not of a functional scale but does demonstrate the positive aesthetic potential of using artificial wetlands for water retention and purification.

Solar-power for this house is intended to be tied to an electric grid. It monitors its own performance and, through a portable telecommunications device, allows the owners to control systems remotely in what the team terms “responsive architecture.”

Lumenhaus is a net-positive-energy house in that, through active and passive systems, it generates more power than it uses over the course of a year through solar gain and artful energy,

water, thermal, and lighting management.

The Eclipsis System that encloses the house and is an important element of its energy-management system consists of two exterior layers—laser-cut, operable stainless steel screens and aerogel-filled polycarbonate insulation panels. Natural light of varying character throughout the day fills the house from sunrise to sunset, and sliding panel systems automatically respond to climactic conditions from summer heat to winter cold. At night,



Traveling the country—indeed, the world—including here in Chicago, was part of the original house design concept.

a soft glow emanates from the panels, giving the house an ethereal aesthetic.

The view from the faculty

"After a series of different venues for this house, ranging everywhere from Time Square to Millennium Park, it's now back home, and you couldn't ask for a better laboratory," says CAUS Associate Dean for Research Robert P. Shubert, who views the professional-level awards as a particularly potent commentary on the work of both students and faculty in accomplishing the three goals of a land-grant university: outreach, teaching, and discovery. "I think the VSAIA and AIA recognized us for the fact that we've put it into the public view, so it became very much an outreach component."

"It also proves the profession really does value and honor what we are trying to do," agrees CAUS Instructor David "Chip" Clark.

"The Lumenhaus is not just a house, it is the house of the future," interjects Joseph Wheeler, AIA. "And it's not a house that is just *full* of technology, it's a house that's designed to incorporate these technologies. One of the advantages we have over most in the professions is that we have access to a great body of knowledge within the university."

"No discipline can act within itself anymore," continues CAUS Center for Design Research Director Robert Dunay, AIA. "The boundaries between disciplines are being blurred more and more every day. So it's very critical to get teams of students from different disciplines so they can constructively challenge and have dialogue with other members of the team. We have a long and healthy research agenda here for the next 10 years."

At the same time the house provides a different way of looking at architecture and at where the technology can be seamlessly part of the actual use in the day-to-day activities. "Probably the best aspect of the Lumenhaus" Dunay says, "is the lesson of how to live in a much smaller space without compromising the quality of life; in fact, even enhancing the quality of life in these spaces."

"The project worked out extremely well," Dunay concludes. "Students got a tremendous experience in understanding how something can work. And everyone benefits because so many students and faculty are learning together on this. That's what makes it such a vital project."



Multi-purpose spaces are easily reconfigured with a sliding set of tables here and partitions there, making a relatively tiny space feel much larger than it is.

Display venues 2008-2010

Millennium Park, Chicago, November 2010

Solar Decathlon Europe, Madrid, June 2010

Technology Policy Exhibition, Hart Senate Office Building, Washington, D.C., January 2010

Times Square Exhibition, Duffy Plaza, New York City, January 2010

U.S. Department of Energy Solar Decathlon, Capital Mall, Washington, D.C. October 2009

Greenovation: Sustainable Communities, National Building Museum Lawn, Washington, D.C.

Blacksburg Square Shopping Center Exhibit, Blacksburg, August 2009 (initial unveiling)

Taubman Museum Exhibit, Roanoke, June-August 2009 (initial working prototype of Eclipsis System)

International Contemporary Furniture Fair, Jacob Javits Center, New York City, May 2009 (fabrication display)

3rd Annual New River Valley Green Building Tour and Expo, Blacksburg, April 2009 (scale model presentation)

Virginia Secretary of Natural Resources Preston Bryant Tour, Blacksburg, March 2009

Society of Environmental Journalists Conference, Roanoke, October 2008

Electric Car Fundraising Raffle, Blacksburg, November 2008–February 2009 (raised \$10,000)

Architecture Exchange East, Richmond, November 2008 (lecture)



Times Square bustles with activity as passers-by pause to look, despite their practiced "I've already-seen-it-all" demeanor.

Saint Elizabeths

A Hospital Reborn



Sited on a bluff overlooking the confluence of the Potomac and Anacostia rivers, the 336-acre Saint Elizabeths compound accommodated the first large-scale federal psychiatric hospital in the U.S. from 1855 until the federal government transferred the hospital to the District of Columbia in 1987.

Healthcare innovator Dorothea Dix originated the idea of the hospital, which, she wrote in 1852, was to provide the “most humane care and enlightened curative treatment of the insane of the Army, Navy, and District of Columbia.” The originally named Government Hospital for the Insane became better known by the moniker ascribed to the colonial tract—Saint Elizabeth’s (although the apostrophe was inadvertently dropped when Congress officially changed the name in 1916)—during the Civil War. Wounded and sick soldiers and sailors at the time were averse to mentioning in letters home that they were housed in an insane asylum. There are still two cemeteries on the grounds from those days in which military and civilian dead, both white and black, are interred—very unusual for the 19th century.

The General Services Administration is currently rehabilitating the western campus, which still belongs to the federal government (as reported in the 2010 INFORM, issue 6). It will be the new home of the Department of Homeland Security.

The District, in turn, owns the 118-acre east campus, which,

since 2010 has been the site of a new Department of Mental Health-run, state-of-the-art psychiatric facility for about 300 in-patients, designed by EYP Architecture & Engineering. It is this facility—which houses both civil and forensic patients, separately—that is the focus of this article.

The new facility houses and treats the civil patients—individuals with serious and persistent mental illness—in the *transitional* section of the complex. In the adjacent and more secure (although aesthetically identical) part of the hospital are the individuals who have been committed by the courts as unable to stand trial by reason of insanity. That section of the hospital, generally undifferentiated other than by extremely unobtrusive security monitors and fencing, is the *intensive* section.

Treatment for these patients (about half of whom are transitional and the other half intensive) includes recreation and education within a daily schedule that mirrors what patients might experience in the outside world. The goal is to educate and assimilate people to return to the outside world as productive members of society. The means involve a range of incentives, training routines, and an environment filled with light, access to the out-of-doors, and an over-riding sense of what one might call normality (although staff prefer to avoid that comparison lest it denote that being inside the facility is anything but normal).



In fact, says Saint Elizabeths CEO, Dr. Patrick Canavan, the facility and many of its amenities—including a 250-person theater and congregation/ballfield area—are open to the public. Bringing the hospital as an activating element into this east-of-the-Anacostia community is very much a part of the hospital's over-arching purpose, he says. Moreover, it is interesting to walk about the hospital with Dr. Canavan and see how the patients know and respond to him as a familiar (not always with respect and grace, incidentally). He and his staff, for their part, are not only understanding of their patient's behavior, there is an award voted on by the patients for a Respect Award, which recognizes staff whose demeanor the patients regard most highly. On showing a visitor the display of the Respect Award recipients, Canavan is quick to note: "In every instance, not surprisingly, these people are, in my opinion, very deserving of this recognition."

Treatment within Saint Elizabeths

Patients' access to privileges within the hospital is based on both their status and behavior. With the biggest two challenges of adjusting to life in the outside world being housing and employment, Canavan says, the hospital focuses on creating an environment that mirrors the world into which, hopefully, patients will aspire. This includes a schedule that brings

individuals outside of their rooms into the general population and recreational and educational opportunities. The hospital also treats out-patients who freely move between the facility and outside community.

A hub of the hospital's activities is the therapeutic learning center. Patients spend much of the day in these centers, located in both the transitional and intensive-care areas. In addition to these areas, supplemented with computer-training rooms, there are the very popular plant-germination rooms where patients with permission are able to plant and care for seedlings destined for the outdoor areas.

These kinds of amenities, as well as levels of supervision and outdoor access strengthen social skills that allow patients to connect to the outside world. Another major factor is their connection with what many of us consider a normal day: Get up and have breakfast at home, go to work and

Wide open to the outside, and readily observable from the staff desk (immediately above), St. Elizabeths' new facility is light-filled and secure for its 300 patients. The butterfly display (above and, from the exterior, to the left) is one of a variety of patient-created or inspired artworks throughout.



take a lunch break midday, go home at the end of the workday and have dinner, and go to bed at a reasonable hour.

This is in contrast to what often happened at the older Saint Elizabeths facility, where many people stayed in their sleeping area a large part of the day. Moreover, they weren't able to go outside unless their entire group was able and willing to go out. With the older five-story facility, this often meant hours of gathering residents together, taking them via elevator down to the ground floor, and making sure they were safe and secure outside. And, if any one individual had a physical or emotional problem, the whole group would have to go back up the elevator in either a drastically postponed or, more likely, cancelled attempt to connect to the out-of-doors. The amount of staff hours devoted to this laborious routine took them away from the more important tasks of patient care and healing.

For that reason, says Saint Elizabeths Director of Facilities Planning Richard Warsh, the design team for the new hospital kept three design goals in mind from the outset: maximum natural light, ready access to green outdoor settings, and a minimal need to use elevators.

Other amenities EYP Principal Eric Kern, AIA, points out include privacy in showers and bathrooms (as opposed to the previous facility's communal arrangements), large and comfortable bedroom areas, quiet rooms for people who need to get away temporarily from any feelings of disturbance, and a basketball court (very reminiscent of a high school court and identical—one each—in the transitional and intensive areas).

Sustainability as an added amenity

Although the D.C. government did not require LEED® certification of its major construction projects when EYP took on the design of the new hospital, it was already a firm design consideration, says Marc Shaw, AIA, who worked on the project as an EYP principal earlier and now oversees his own firm

in the District of Columbia.

"D.C. didn't have a LEED requirement at the time," Shaw explains. "We decided on our own that these elements of resource management should be there. For one thing, there were practical aspects of having, for instance, the large green-roof areas to absorb water and provide additional insulation. If we had installed storm drains to handle the large amount of runoff from the impervious paved surfaces, we would have had to install a huge underground holding tank fed by large-diameter pipes. That alone would have cost nearly a million dollars. Although, obviously, the green roof had costs involved, the net effect was to save a lot of money."

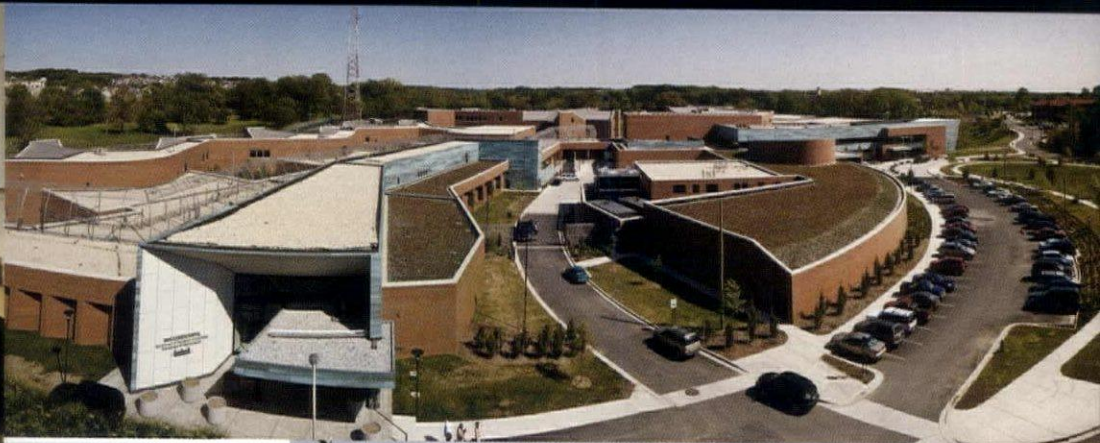
The facility also has a bio-swale system and landscaped rain-water retention areas as part of its water-management strategy, Kern says. Rhodeside & Harwell was the landscape architect.

The gym is one of the "greenest" areas of the building, Shaw asserts. "You have several thousand square feet where patients, staff, and community can come in, play basketball and burn off energy. Clinically and socially it makes sense. It's not sexy, but it communicates that the residents are part of the community, and, with the clerestory windows, you can operate that gym for 8 to 10 hours a day without turning on the lights."

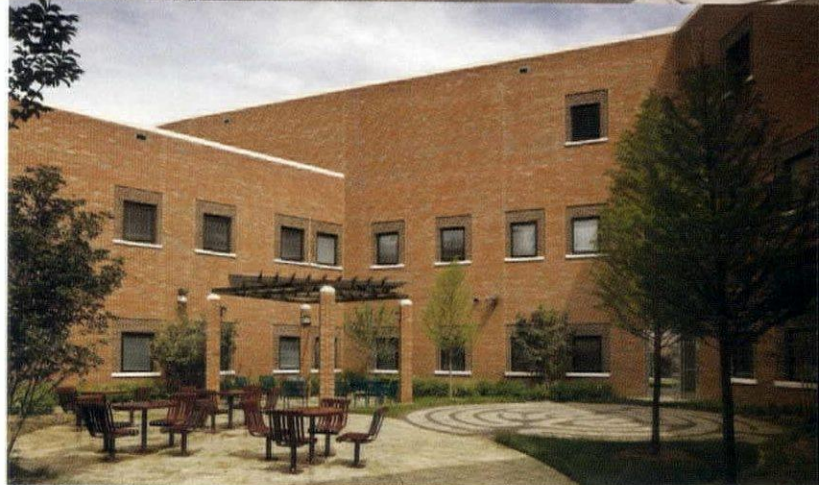
The designers were also mindful of other LEED-oriented considerations. The brick—which is reminiscent of the original west campus—and the copper and manufactured-stone high-lights were locally sourced. (Two brick subcontractors competed to put two of the wings in place with the understanding that whichever performed the best would be awarded the middle wing, Shaw says. The resulting competition meant both higher quality and an accelerated pace of construction.)

With the patients in mind

From the facilities to operations, and even the move from the old hospital to the new, the well-being of the patients was



Open to the community from the outside, yet secure within, the hospital's amenities include green spaces accessible from every unit, including this gathering area, arbor, and labyrinth (right).



foremost on the minds of staff and the design/construction team.

For instance, the security system—necessary for the well-being of the patients as well as the security of the community, given the nature of the patients in the intensive wards—is as unobtrusive as possible. Although privacy for bathing and bathrooms is paramount, every other aspect of patient and staff movement is carefully monitored from a central closed-circuit-television control room. Camera direction and focus are operable and precise. Climb-resistant fences, with a mesh of about an eighth of an inch, have motion-sensitive detectors. Staff have direct visual oversight of all living and activity areas all day, every day. And public traffic into and out of the facility is monitored scrupulously at all times. Certainly the public has access to the hospital, but the staff monitor that access, both closely and in a friendly way.

Recognizing the distress that moving to a new facility would have on the patients, the hospital staff endeavored to make it as smooth a transition as possible, Canavan says. “We tried to give patients a sense of owning their new space by having an open house and letting them move their clothes and personal effects themselves,” he says. Still, there was an uptick in disturbances in the first months of the move. According to the Environmental Survey Report that the hospital regularly posts, resident disturbances increased temporarily in May 2010, but soon tapered back to a level lower than in the original facility.

CEO Canavan responds that although the cause-and-effect relationship is too complicated to address directly, the access to the outside, normalized schedule, educational opportunities, and light and fresh air are all positive influences on patient recovery. He points out that reducing the stress on the staff was also a programmatic concern.

There was a conscious effort to separate on-duty and off-duty physical space. Staff have “away” areas if the stress gets unbearable. They also have separate lunch areas so that they

are not eating or enjoying a coffee break in the presence of patients (who would not have access to the food or beverage, which would be inexplicable to them). “When you’re on duty, you are working for the patients; when you are off duty, you are away from the stress of the job,” the doctor says.

In addition to patients bringing over objects and a sense of place that is meaningful to themselves, the design team saw it meaningful to reflect the aesthetic of the historic hospital, which includes a small museum in the entryway lobby, the brick with stone and copper highlights, and bringing a number of stone plaques and other artifacts from the west campus.

With EYP and its client and construction team as partners, Saint Elizabeths is reborn as the state-of-the-current-art of psychiatric care, as Dorothea Dix envisioned.



Visitors find easy access to the facility from MLK Ave. and the Congress Heights Metro. A small museum greets them subtly (above, to the right).

RESOURCES

ARCHITECT: EYP Architecture & Engineering; **GENERAL CONTRACTOR:** Turner Construction Company, (see ad, p.9); **CIVIL ENGINEER:** Alpha Corporation, (see ad, p.11); **LANDSCAPE ARCHITECT:** Rhodeside & Harwell

Interior Design Directory 2012

• 3NORTH, PLLC

201 W. 7th St.
Richmond, VA 23224
Tel: 804-232-8900
Fax: 804-232-2092
Email: sukrop@3north.com
Web: www.3north.com

Principals:

Sanford Bond, AIA
John A. Hugo, AIA, ASLA, ASID
David Rau, AIA
R. Scott Ukrop

Firm Personnel by Discipline:

Landscape Architects	4
Interior Designers	4
Architects	11
Other Professionals	5
Total	24

Recent Projects:

ARCenter for the Greater Richmond ARC, Richmond (2011 Virginia Society AIA Honor Awards Citation; 2011 AIA Richmond Honor Award); Bedford Springs Resort, Bedford, Pa. (2009 National Preservation Honor Awards; 2009 AIA Richmond Honor Award; 2009 AIGA Best in Category-Environmental/Exhibit Design, Resort Signage & Artwork; 2008 PA Historic Preservation Award by Preservation PA; 2008 Society of Travel Writers Phoenix Award); Bryan Innovation Lab, Stewart School, Richmond; Canal Walk improvements, Richmond; Cary Street Residence, Richmond (VA-ASLA Honor Award 2011).

• AECOM

3101 Wilson Blvd., Ste. 900
Arlington, VA 22201
Tel: 703-682-4900
Fax: 703-682-4901
Email: ruth.jansson@aecom.com / gay.forney@aecom.com
Web: www.aecom.com/What_We_Do/
Architecture/Interiors

Additional Offices:

10 South Jefferson St., Ste. 1600
Roanoke, VA 24011
Tel: 540-857-3100
Fax: 540-857-3180

448 Viking Drive, Ste. 145
Virginia Beach, VA 23452
Tel: 757-306-4000
Fax: 757-306-4001

Principals:

Michael Brennan, AIA
Peter Brown, ASID, LEED AP
Kristi Barker, CID
Gay Forney, IIDA
Darryl Henderson, AIA
Ruth Jansson, IIDA, LEED AP

Firm Personnel by Discipline:

Landscape Architects	171
Interior Designers	86
Architects	547
Engineers	3,571
Planners	410
Technical	4,134
Other Professionals	3,529
Total Firm Personnel	12,448

Recent Projects:

Kabul Embassy, Kabul, Afghanistan; Mercy Medical Center, The Mary Catherine Bunting Center at Mercy, Baltimore; Virginia Tech Carilion School of Medicine and Research Institute, Roanoke; Command and Control Facility Complex, Fort Shafter, Oahu, Hawaii; Martin Army Community Hospital Replacement, Fort Benning, Ga.

• Baskervill

101 S. 15th St., Ste. 200
Richmond, VA 23219
Tel: 804-343-1010
Fax: 804-343-0909
Email: cross@baskervill.com
Web: www.baskervill.com

Principals:

Robert Clark, PE
Brent Farmer, AIA, LEED AP
Carole Hochheiser-Ross
Don Tate, AIA
Bruce Tyler, AIA, LEED AP
Mark Larson, AIA
Mark Lindsey, AIA
Margaret Hood

Firm Personnel by Discipline:

Interior Designers	18
Architects	42
Engineers	12
Other Professionals	5
Administrative	18
Total	95

Top Five Projects

Wyndham Grand at Bonnet Creek, Orlando, Fla.; Snagajob.com Corporate Headquarters, Glen Allen, Va.; Union First Market Bank, Richmond; Four Points by Sheraton Nashville-Brentwood, Brentwood, Tenn.; Augusta Pediatric Clinic, Fishersville, Va.

• BCWH Architects

1840 West Broad St., Ste. 400
Richmond, VA 23220
Tel: 804-788-4774
Fax: 804-788-0986
Email: cwray@bcwh.com
Web: www.bcwh.com

Principals:

Robert E. Comet Jr., AIA, LEED AP
Charles W. Wray Jr., AIA, LEED AP
Roger D. Richardson, AIA, REFP
Charles D. Piper, AIA, REFP, LEED

Firm Personnel by Discipline:

Interior Designers	4
Architects	15
Technical	1
Other Professionals	3
Administrative	2
Total	25

Recent Projects:

Liberty University Tower Theater Adaptive Re-Use, Lynchburg (2011 Virginia Interior Design Excellence Award—First Place); Virginia Commonwealth University School of Pharmacy Renovations, Richmond (2011 Virginia Interior Design Excellence Award—Honorable Mention); Gayton Branch Library Interior Renovation, Henrico, Va.; New Fluvanna High School Furniture Package, Fluvanna County, Va.; Virginia State Capitol Renovation, Richmond.

• Clark Nexsen Architecture & Engineering

6160 Kempsville Circle
Norfolk, VA 23502
Tel: 757-455-5800
Fax: 757-455-5638
E-mail: sdrew@clarknexsen.com
Web: www.clarknexsen.com

Board of Directors:

Chris Stone, PE, FNSPE, FASCE, LEED AP, President; Thomas Winborne, AIA, CDT, CSI, LEED AP, Executive Vice President, CEO; Peter Aranyi, AIA, Senior Vice President; William Keen, PE, LEED AP, Chief Operating Director; Greg Hall, PE, LEED AP, CFO

Firm Personnel by Discipline:

Landscape Architects	2
Interior Designers	16
Architects	73
Engineers	115
Planners	5
Technical	179
Other Professionals	43
Administrative	60
Total	493

Top Projects:

Warrior Transition Unit at Walter Reed National Military Medical Center, Bethesda, Md. (2012 ACEC VA Awards, 2012 APWA VA Awards, 2011 ECHR Outstanding Engineering Achievement Awards); Virginia Tech Ambler Johnston Residence Hall, Blacksburg (will be LEED Silver Certified by USGBC); Student Success Center, Old Dominion University, Norfolk.

• Commonwealth Architects

101 Shockoe Slip, 3rd Floor
Richmond, VA 23219
Tel: 804-648-5040
Fax: 804-225-0329
Email: bmills@comcarchs.com
Web: www.comcarchs.com

Principals:

Robert Mills, AIA
Dominic Venuto, CID
Walter Redfearn
Lee Shadbolt, AIA
Robert Burns, AIA
Thomas Heatwole, AIA
Stephen Scott
Kenneth Van Riper, AIA
Kenneth Pope, AIA

Firm Personnel by Discipline:

Landscape Architects	3
Interior Designers	8
Architects	10
Planners	2
Technical	3
Other Professionals	12
Administrative	5
Total	43

Recent Projects:

Saint Thomas Aquinas Seminary, Buckingham County, Va.; Interbake/FFV Complex Rehabilitation, Richmond; Plant 64 Warehouse Rehabilitation, Winston-Salem, N.C.; First National Bank Building Rehabilitation, Richmond; Park Crescent Apartments and Clubhouse, Norfolk.

• DBI Architects, Inc.

1707 L St., N.W., Ste. 800
Washington, DC 20036
Tel: 202-872-8844
Fax: 202-872-4265
Email: jboyer@dbia.com
Web: www.dbia.com

Additional Office:

1984 Isaac Newton Square West, Ste. 400
Reston, VA 20190
Tel: 703-787-0882
Fax: 703-787-6886

Principals:

Alan L. Storm, AIA
Roseanne Beattie, AIA
Jennifer E. Klein, AIA
Michael M. Hartman, AIA

Firm Personnel by Discipline:

Interior Designers	18
Architects	19
Other Professionals	7
Administrative	10
Total	54

Recent Projects:

GeoEye, Inc., Herndon, Va. (NAIOP Northern Virginia Chapter 2011 Award of Excellence); BAE Systems, Rockville, Md. (NAIOP Maryland/DC Chapter 2011 Awards of Excellence); International Monetary Fund On-Call Contract, Washington; U.S. Agency for International Development (Multiple Projects), Washington Metro; AOL (Multiple Projects), Eastern United States.

• FOX Architects, LLC

8444 Westpark Dr., Ste. 120
McLean, VA 22102
Tel: 703-821-7990
Fax: 703-821-2270
Email: lleonard@fox-architects.com
Web: www.fox-architects.com

Additional Office:

1121 14th St., NW, 3rd Flr.
Washington, DC 20005
Tel: 202-659-0929
Fax: 202-659-0928

Principals:

Robert D. Fox, AIA, IIDA, LEED AP
Sabret A. Flocos, IIDA, LEED AP
Jim Allegro, AIA, IIDA, LEED AP
Andy Yeh, LEED AP
JP Spickler, AIA, LEED AP

Firm Personnel by Discipline:

Interior Designers	14
Architects	8
Technical	27
Other Professionals	13
Administrative	2
Total	64

Recent Projects:

American Chemistry Council, Washington (IIDA Mid-Atlantic Chapter: 2011 Pinnacle Award, 2011 Gold Award); David All Group, Washington (NAIOP MD/DC Chapter: 2011 Award of Merit); AvalonBay Communities, Inc., Arlington (NAIOP VA Chapter: 2010 Award of Merit); CBRE Group, McLean and Bethesda, Md.; Jefferson Plaza I, Crystal City, Va.

• Glavé & Holmes Architecture

2101 East Main St.
Richmond, VA 23223
Tel: 804-649-9303
Fax: 804-343-3378
Email: cjones@glaveandholmes.com
Web: www.glaveandholmes.com

Principals:

H. Randolph Holmes Jr., AIA
Lori Snyder Garrett, AIA
S. Jeanne LeFever, AIA
James S. Finch, AIA, Int'l Assoc. ARB
Gary M. Inman, ASID Allied Member

Firm Personnel by Discipline:

Interior Designers	9
Architects	30
Other Professionals	1
Administrative	5
Total	45

Recent Projects:

Carole Weinstein International Center, University of Richmond, Richmond (ASID IDEA Award 2011, 1st Place—Institutional, 2011 Palladio Award—New Design & Construction); Paul & Phyllis Galanti Education Center, Virginia War Memorial, Richmond (ASID IDEA Award, 1st Place—Government); Robert H. Smith Center at Montalto, Charlottesville; Washington Duke Inn Guest Rooms, Durham, N.C.; Princeton Private Residence, Princeton, N.J.

• H&A Architects & Engineers

222 Central Park Ave., Ste. 1200
Virginia Beach, VA 23462
Tel: 757-222-2010
Fax: 757-222-2022

Email: c.gettys@ha-inc.com
Web: www.ha-inc.com

Principals:

Michael Matthews, PE, President/CEO
John Crouse, AIA, Vice President

Firm Personnel by Discipline:

Landscape Architects	2
Interior Designers	3
Architects	10
Engineers	148
Technical	49
Administrative	40
Total	251

Recent Projects:

Virginia Natural Gas at Lakeview Corporate Center, Virginia Beach (2011 Interior Design Excellence (IDEA) First Place LEED, ASID—Virginia Chapter); Hilton Garden Inn, Virginia Beach; Dominion Enterprises, Norfolk; Embassy Compound, Jakarta, Indonesia; Currituck Family YMCA, Barco, N.C.

• HKS, Inc.

2100 E. Cary St., Ste. 100
Richmond, VA 23223
Tel: 804-644-8400
Fax: 804-644-8469
Email: lhanson@hksinc.com
Web: www.hksinc.com

Principals:

Leslie L. Hanson, AIA
Shannon B. Kraus, AIA, ACHA, LEED AP

Firm Personnel by Discipline:

Interior Designers	5
Architects	19
Other Professionals	10
Administrative	5
Total	39

Recent Projects:

Virginia Commonwealth University Siegel Center Renovation, Richmond; Children's Hospital of Richmond, Richmond; U.S. Naval Academy King Hall Gallery Renovation, Annapolis, Md.; Washington Headquarter Services, Alexandria; District of Columbia Superior Courts, Washington, D.C.

• INNOVATE Architecture & Interiors

441 Washington St.
Portsmouth, VA 23704
Tel: 757-393-9900
Fax: 757-393-9907
Email: admin@innovate-arch.com
Web: www.innovate-arch.com

Principals:

Mark D. Dignard, AIA
Paul C. Garrison, AIA
Kelly A. Moran, AIA

Firm Personnel by Discipline:

Interior Designers	3
Architects	6
Administrative	1
Total	10

Recent Projects:

Princess Anne Health Campus, Virginia Beach; CHKD – Children's Hospital Conceptual Theme Development, Norfolk; Bayview Medical Office Building, Suffolk; SMG Dominion Family, Woodbridge, Va.; Veteran's Hospital Renovations, Fayetteville, N.C.

•KGD Architecture

1300 Wilson Blvd., Ste. 250
Arlington, VA 22209
Tel: 703-749-9042
Fax: 703-749-7998
Email: bkishimoto@kgdarchitecture.com
Web: www.kgdarchitecture.com

Principals:

Tsutomu Ben Kishimoto, AIA, NCARB, LEED AP
Christopher L. Gordon, AIA, NCARB
Manoj V. Dalaya, AIA, CCS, NCARB, LEED AP

Firm Personnel by Discipline:

Interior Designers	3
Architects	7
Other Professionals	16
Administrative	4
Total	30

Recent Projects:

National Rural Utilities Cooperative Finance Corporation Headquarters, Dulles, Va.; The Aerospace Corporation East Coast Campus, Chantilly; 2000 Tower Oaks Boulevard & The Tower Companies Headquarters, Rockville, Md. (IIDA 2010 Special Merit Commercial 20,000sf NAIOP MD/DC 2009 Best "Green" Building; NAIOP 2009 MD/DC Best Suburban Office over 4 stories; Peerless Rockville 2009; 2008 Energy Star Challenge); KGD Architecture, Arlington (AIA NOVA 2009 Award of Merit; AIA VA 2008 Award of Excellence in Interior Design; NAIOP NOVA 2008 Best Interiors Environmentally Responsible Green Construction Tenant Interior Fit Out); Transurban Express Lanes Operations Center, Alexandria (NAIOP NOVA 2011 Best Building Renovation-Adaptive Re-Use).

•Odell

2700 East Cary St.
Richmond, VA 23237
Tel: 804-287-8200
Fax: 804-287-8279
Email: zweierc@odell.com or mongera@odell.com
Web: www.odell.com

Principals:

Jim Snyder, AIA, Chairman & CEO
Roger Soto, AIA, LEED AP, President, Director of Design
Max Gray, Executive Vice President
Mike Woollen, AIA, LEED AP, Managing Principal
David Derr, AIA, Managing Principal
Dale Hynes, Senior Principal
Tommy Ladd, AIA, LEED AP, Principal
Tom Morton, AIA, RIBA, Principal
Steve Phillips, PE, Principal
Bill Talley, AIA, LEED AP, Principal

Firm Personnel by Discipline:

Interior Designers	5
Architects	36
Engineers	4
Technical	2
Other Professionals	6
Administrative	3
Total	56

Recent Projects:

DAMAC Sales Center, Jeddah, Saudi Arabia;
Warmack Office Development, The Woodlands, Tex.; Skyview Corporate Park, Gurgaon, India;
The Battle Building at UVA Children's Hospital, Charlottesville; DePaul Cancer Institute, Norfolk.

•Perkins+Will

1250 24th St., NW, Ste. 800
Washington, DC 20037
Tel: 202-737-1020
Fax: 202-223-1570
Email: Cathy.fawell@perkinswill.com
Web: www.perkinswill.com

Principals:

Stephen Manlove, Associate AIA, LEED AP
Tama Duffy Day, FASID, FIIDA, LEED AP
Edward Feiner, FAIA, NCARB
John Jenkins, AIA, NCARB, LEED AP
Daniel Moore, AIA, LEED AP
Wayne Perlenfein, AIA, NCARB
Jeffery Welter, LEED AP
James A. Wood, III, LEED AP
Robert Young, AIA

Firm Personnel by Discipline:

Interior Designers	35
Architects	33
Planners	7
Technical 2	
Other Professionals	11
Administrative	7
Total 9	5

Recent Projects:

Mead Westvaco Corporate Headquarters, Richmond (Green Globes/Four Globes/LEED Silver); Perkins+Will, Washington (LEED CI Platinum/ASID—Interiors/AIA Maryland—Interiors); Inova-Mount Vernon, Master Plan and Addition, Alexandria; Valley Health System—multiple projects, Winchester; Commonwealth Center for Advanced Manufacturing, Prince George, Va.

•Price Studios

9 South Harvie St.
Richmond, VA 23220
Tel: 804-521-2266
Email: afox@pricestudios.com
Web: www.pricestudios.com

Principals:

Rohn K. Price, AIA LEED AP

Firm Personnel by Discipline:

Interior Designers	2
Architects	4
Total	6

Recent Projects:

OrthoVirginia, Richmond; Virginia Eye Institute, Towne Center West, Short Pump, Va.; Chippenham Hospital Interiors, Richmond; Shenandoah Valley Regional Airport, Weyers Cave, Va.; Lynchburg General Hospital, Administration Renovation, Lynchburg.

•Visible Proof

1623 W. Broad St.
Richmond, VA 23220
Tel: 804-412-6300
Email: info@visibleproof.net
Web: www.visibleproof.net

Principal:

Kristi P. Lane, ASID, CID

Firm Personnel by Discipline:

Interior Designers	4
Architects	1
Other Professionals	2
Total	7

Recent Projects:

The Martin Agency—Creative Department Renovation, Richmond (GRACRE Commercial Real Estate—Best Interior—Corporate, IDEA Corporate—First Place); Layers Bedding Company, Richmond (IDEA Retail—Honorable Mention); Sweet Spot, Richmond (IDEA Retail—First Place); Verde Restaurant, Charleston, S.C.; CarLotz Showroom, Richmond.

•VOA Associates, Inc.

722 12th St., NW, Ste. 100
Washington, D.C. 20005
Tel: 202-822-8227
Fax: 202-822-3898
Email: jessen@voa.com
Web: www.voa.com

Principals:

John G. Jessen, AIA, NCARB, IIDA
Pablo Quintana

Firm Personnel by Discipline:

Landscape Architects	3
Interior Designers	44
Architects	142
Planners	4
Technical	5
Administrative	30
Total	228

Recent Projects:

Hampton University Proton Therapy Institute, Hampton (Hampton Roads Association for Commercial Real Estate Award of Excellence); Volkswagen Group of America U.S. Headquarters, Herndon, Va. (IIDA Gold Award; NAIOP Northern Virginia Chapter Award); IBM Dulles Station West, Herndon, Va. (Fairfax County Exceptional Design Award); The Embassy of Sweden, Washington (Kasper Salin Prize; AIA Northern Virginia Chapter Award; NAIOP MD/DC Chapter Award); Choice Hotels International Global Headquarters, Rockville, Md.

The companies listed have chosen to support the VSAIA and the building/design community through their paid participation in this directory. Contact Cathy Guske, cguske@aiaa.org, 804-644-3041, ext. 301 for information.

Landscape Architects Directory 2012

• 3NORTH, PLLC

201 W. Seventh St.
Richmond, VA 23224
Tel: 804-232-8900
Fax: 804-232-2092
Email: sukrop@3north.com
Web: www.3north.com

Principals:

Sanford Bond, AIA
John A. Hugo, AIA, ASLA, ASID
David Rau, AIA
R. Scott Ukrop

Firm Personnel by Discipline:

Landscape Architects	4
Interior Designers	4
Architects	11
Other Professionals	5
Total	24

Recent Projects:

ARCenter for the Greater Richmond ARC, Richmond (2011 Virginia Society AIA Honor Awards Citation, 2011 AIA Richmond Honor Award); Bedford Springs Resort, Bedford, Pa. (2009 National Preservation Honor Awards, 2009 AIA Richmond Honor Award; 2009 AIGA Best in Category-Environmental/Exhibit Design, Resort Signage, & Artwork; 2008 PA Historic Preservation Award by Preservation PA; 2008 Society of Travel Writers Phoenix Award); Bryan Innovation Lab, Stewart School, Richmond; Canal Walk Improvements, Richmond; Cary Street Residence, Richmond (VA-ASLA Honor Award 2011).

• AECOM

675 North Washington St., Ste. 300
Alexandria, VA 22314
Tel: 703-549-8728
Fax: 703-549-9134
Email: Ashley.O'Connor@aecom.com
Web: www.aecom.com/What+We+Do/
Design+and+Planning

Additional Offices:

448 Viking Dr., Ste. 145
Virginia Beach, VA 23452
Tel: 757-306-4000

410 East Water St., Ste. 600
Charlottesville, VA 22902
Tel: 434-872-0050

Principals:

Roger Courtenay, FASLA, LEED AP
Diane Dale, JD, RLA, FASLA
Richard Dorrier, AICP, LEED AP
Alan Harwood, AICP
Marsha Lea, ASLA, LEED AP
Paul Moyer, AICP
Mac Nichols
Ashley O'Connor, AICP
Brian Sands, AICP
Brad Wellington

Firm Personnel by Discipline:

Landscape Architects	171
----------------------	-----

Interior Designers	86
Architects	547
Engineers	3,571
Planners	410
Technical	4,134
Other Professionals	3,529
Total Firm Personnel	12,448

Recent Projects:

The University of Virginia Art Museum Landscape Rehabilitation, Charlottesville; Fredericksburg and Spotsylvania National Military Park General Management Plan and Environmental Impact Statement, Fredericksburg; The Arboretum at Penn State Children's Garden, State College, Pa.; The Yards Public Realm Streetscape, Washington; Tryon Palace Historic Sites + Gardens Master Plan and North Carolina History Center, New Bern, N.C.

• Ann P. Stokes Landscape Architects

440 Granby St., Ste. 200
Norfolk, VA 23510
Tel: 757-423-6550
Fax: 757-423-6500
Email: astokes@apsla.net
Web: www.apsla.net

Principal:

Ann P. Stokes, CLA, ASLA

Personnel by Discipline:

Landscape Architects	2
Technical	1
Administrative	1
Total	4

Recent Projects:

College of William & Mary Miller Hall at the Mason School of Business, Williamsburg (2010 Palladio Award); Rockingham Memorial Hospital HealthCare—Women's Center, Harrisonburg; Sculpture & Memorial Garden for Seal Team 4, Joint Expeditionary Base, Little Creek, Va.; University of Virginia Bavaro Hall at the Curry School of Education, Charlottesville; Crossroads Elementary School, Norfolk; University of Mary Washington Information & Technology Convergence Center, Fredericksburg; College of William & Mary Integrated Science Center Phase 3, Williamsburg.

• Clark Nexsen Architecture & Engineering

6160 Kempsville Circle, Ste. 200A
Norfolk, VA 23502
Tel: 757-455-5800
Fax: 757-455-5638
Email: tdalton@clarknexsen.com
Web: www.clarknexsen.com

Board of Directors:

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Firm Personnel by Discipline:

Landscape Architects	2
Interior Designers	16
Architects	73
Engineers	115
Planners	5
Technical	179
Other Professionals	43
Administrative	60
Total	493

Top Projects:

Warrior Transition Unit at Walter Reed National Military Medical Center, Bethesda, Md. (2012 ACEC VA Awards, 2012 APWA VA Awards, 2011 ECHR Outstanding Engineering Achievement Awards); Virginia Tech Ambler Johnston Residence Hall, Blacksburg (will be LEED Silver Certified by USGBC); Student Success Center, Old Dominion University, Norfolk.

• Commonwealth Architects

101 Shockoe Slip, 3rd Floor
Richmond, VA 23219
Tel: 804-648-5040
Fax: 804-225-0329
Email: bmls@comcarchs.com
Web: www.comcarchs.com

Principals:

Robert Mills, AIA
Dominic Venuto, CID
Walter Redfeare
Lee Shadbolt, AIA
Robert Burns, AIA
Thomas Heatwole, AIA
Stephen Scott
Kenneth Van Riper, AIA
Kenneth Pope, AIA

Firm Personnel by Discipline:

Landscape Architects	3
Interior Designers	8
Architects	10
Planners	2
Technical	3
Other Professionals	12
Administrative	5
Total	43

Recent Projects:

Saint Thomas Aquinas Seminary, Buckingham County, Va.; Interbake/FFV Complex Rehabilitation, Richmond; Plant 64 Warehouse Rehabilitation, Winston-Salem, N.C.; First National Bank Building Rehabilitation, Richmond; Park Crescent Apartments and Clubhouse, Norfolk.

It is the policy of *Inform* to accept listings only from individuals appropriately licensed or certified in the jurisdiction in which they practice. *Inform*, however, does not verify, nor does it guarantee, the accuracy of the information provided, which is solely the responsibility of the listed firms.

● **Graham Landscape Architecture**

229 Prince George Street
Annapolis, MD 21401
Tel: 410-269-5886
Fax: 410-268-4032
Email: garden@grahamlandarch.com
Web: www.grahamlandarch.com

Virginia Office:
380 E. Main St.
Abingdon, VA 24210
Tel: 276-698-3125
Fax: 276-698-3126

Principals:
Jay Graham, FASLA

Firm Personnel by Discipline:

Landscape Architects	6
Administrative	1
Total	7

Recent Projects:
Piedmont Retreat, Bluemont (2011 Merit Award—Virginia ASLA); Wye Hall, Wye Island, Md. (2010 Shutze Award); McLean Residence, Mc Lean (2009 Merit Awards—Maryland ASLA); P. Street, Washington (2009 Honor Award—Maryland ASLA); Cattail Creek Farm, Howard County, Md. (2008 Outstanding Landscape Award—Washington Spaces Magazine).

● **H&G Landscape Architects**

8501 Patterson Ave.
Richmond, VA 23229
Tel: 804-740-7500
Fax: 804-740-1620
E-mail: information@1hg.net
Web: www.1hg.net

President:
David C. Gerstenmaier, CLARB, ASLA, Allied
Member Virginia Society AIA
Principal:
Keith P. Vaninwegen, CLARB, ASLA

Firm Personnel by Discipline:

Landscape Architects	5
Administrative	1
Total	6

Recent Projects:
MeadWestvaco Corporate Headquarters, Richmond (Green Globes rating of 4 globes from the Green Building Initiative); St. Francis Hospital, St. Francis Medical Center Fountain, Midlothian, Va. (Beautiful Campus in US/APA Craftsmanship Award); University of Richmond, Civic Garden, Richmond (National Palladio Award for Traditional Design); Lewis Ginter Rose Garden, Richmond (IMLS Award); VCU Cary Street Gym, Richmond (LEED Gold Certification for Sustainability).

● **InSites, PLC**

4522 Pleasant Ave., Ste. A
Norfolk, VA 23518
Tel: 757-622-6446
Email: koliver@insites-studio.com
Web: www.insites-studio.com

Principals:
Keith M. Oliver, ASLA, LEED AP

Firm Personnel by Discipline:

Landscape Architects	2
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Recent Projects:

Grandy Village Learning Center, Norfolk (LEED Gold; 2011 HRACRE Best Sustainable Design Merit Award; 2011-12 Elizabeth River Project River Star, Model Level); Lake Lawson/Lake Smith Natural Area Master Plan, Virginia Beach (2011 VA ASLA Merit Award for Planning); Broad Creek, Norfolk (2011 VA ASLA Merit Award for Design); Tidewater Community College Joint Learning Resource Center, Norfolk; Habitat for Humanity Ocean View Beach Cottage, Norfolk.

● **Land Planning and Design**

310 E. Main St., Ste. 200
Charlottesville, VA 22902
Tel: 434-296-2108
Fax: 434-296-2109
Email: bill@lpda.net
Web: www.lpda.net

Northern Virginia office:
46169 Westlake Dr., Ste. 340
Sterling, VA 20165
703-437-7907

Principals:
Bill Mechnick, ASLA
John Schmidt, ASLA
Zac Lette, ASLA

Firm Personnel by Discipline:

Landscape Architects	9
Administrative	1
Total	10

Recent Projects:
Potomac Yard Park, Alexandria; College Avenue Promenade, Blacksburg; Danville River District Streetscape, Danville; Musselman Park Master Plan, Stafford, Va.; Hite Road Community Park, Jefferson County, W.Va.

● **Land Studio pc**

5750 Chesapeake Blvd., Ste. 203A
Norfolk, VA 23513
Tel: 757-858-8585
Fax: 757-858-2070
Email: crizzio@landstudiopc.com
Web: www.landstudiopc.com

Principals:
Carol Rizzio, LA, AICP, LEED AP, President
Bill Spivey, RLA, ASLA, Vice President

Firm Personnel by Discipline:

Landscape Architects	3
Technical	1
Administrative	1
Total	5

Recent Projects:
Thalia Creek Greenway Master Plan & Phase 1 Development, Virginia Beach (VA ASLA Honor Award); Little Island District Park Improvements, Virginia Beach; Colonial Beach Business District Revitalization Plan, Colonial Beach, Va.; Stumpy Lake Canoe/Kayak Improvements, Virginia Beach; Waterside Drive Streetscape Improvement, Norfolk.

● **Siska Aurand Landscape Architects, Inc.**

523 W. 24th St.
Norfolk, VA 23517
Tel: 757-627-1407
Fax: 757-622-5068
Email: siskaaaurand@siskaaaurand.com
Web: www.siskaaaurand.com

Principal:
C. Douglas Aurand, ASLA

Firm Personnel by Discipline:

Landscape Architects	2
Landscape Designers	1
Technical	2
Administrative	1
Total	6

Recent Projects:
Wells Fargo Multi-Family and Office Tower Courtyards, Norfolk (LEED Gold); Country Club of Virginia Swim Complex, Richmond; Towne Place at Greenbrier Apartments, Chesapeake; Radius Apartments, Newport News; Kellam Residence, Eastern Shore, Va. (LEED Platinum Application Pending).

● **STUDIO39 Landscape Architecture, P.C.**

6416 Grovedale Dr., Ste. 100-A
Alexandria, VA 22310
Tel: 703-719-6500
Fax: 703-719-6503
E-mail: jplumpe@studio39.com
Web: www.studio39.com

Principal:
Joseph J. Plumpe, ASLA, PLA

Firm Personnel by Discipline:

Landscape Architects	15
Architects	1
Other Professionals	1
Administrative	2
Total	19

Recent Projects:
The George Washington University Solar Walk, Ashburn, Va.; The George Washington University Museum Conservation and Resource, Ashburn, Va.; U.S. Army Legal Services Agency BRAC 132, Fort Belvoir, Va. (LEED Silver Certification); BRAC 133 Washington Headquarters Services, Alexandria (LEED Gold Certification, 2011 NAIOP Northern Virginia Award of Excellence); AVA H Street Apartment Building, Washington.

● **Timmons Group**

1001 Boulders Pkwy., Ste. 300
Richmond, VA 23225
Tel: 804-200-6500
E-mail: lugay.lanier@timmons.com
Web: www.timmons.com

Landscape Architect Principals:
Lu Gay Lanier, PLA
Neal Beasley, VCH
Scott Wiley, PLA
Adam Kraynak, PLA

Firm Personnel by Discipline:

Landscape Architects	8
Engineers	95
Planners	2
Technical	46
Other Professionals	56
Administrative	19
Total	226

Recent Projects:

Social Security Administration Data Center, Urbana, Md. (Anticipated LEED Gold Certification); 1050 K. Street, Washington (2010 NAACP Award, 2009 Mayor's Environmental Excellence Award, LEED Gold Certification); Tidewater Community College—Norfolk Student Commons, Norfolk (2011 HRACRE—Excellence in Development Design Award, LEED Gold Certification); Henricus Park Master Plan & Long Range Transportation Plan, Chesterfield County, Va.; Jefferson Davis Highway/Chesterfield Avenue Streetscape Improvements, Chesterfield County, Va.

• Van Yahres Associates Campus Planning—Site Design

800 East High St.
Charlottesville, VA 22902
Tel: 434-295-4734
Fax: 434-295-6844
Email: vya@vanyahres.com
Web: www.vanyahres.com

Principals:

Mike Van Yahres
Peggy Van Yahres
Syd Knight

Firm Personnel by Discipline:

Landscape Architects	3
Engineers	1
Administrative	1
Total	5

Recent Projects:

University of Dayton Central Mall, Dayton, Ohio; Site Design for New Residence Hall Complex, Roanoke College, Salem; Hollywood Cemetery Presidents Circle Renovation, Richmond; Wright State University, Total Campus Renovation, Dayton, Ohio; University of Charleston Campus Master Plan, Charleston, W.Va.

• WPL

242 Mustang Trail, Ste. 8
Virginia Beach, VA 23452
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Fax: 757-463-1412
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Web: www.wplsite.com

Principals:

William "Billy" Almond, FASLA
William "Buddy" Pritchard, LS

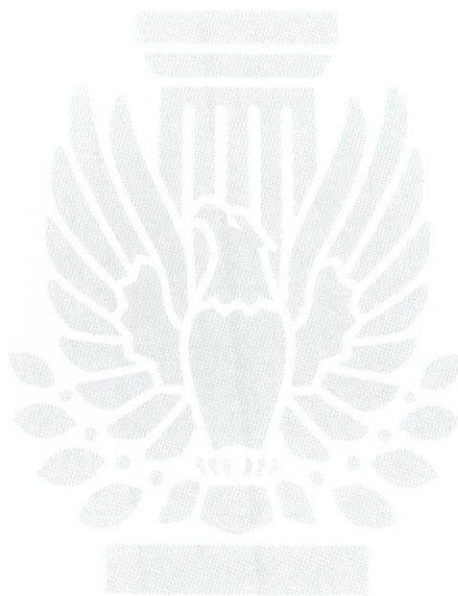
Firm Personnel by Discipline:

Landscape Architects	4
Engineers	1
Other Professionals	14
Administrative	4
Total	23

Recent Projects:

Kellam High School, Virginia Beach (LEED Gold pending); JT Grommet Island Park, Virginia Beach (Award of Excellence from HRACRE Best Recreation 2011); SEAL Team Memorial, Virginia Beach (Award of Recognition from Naval Special Warfare Development Group); Kid's Cove at Mount Trashmore, Virginia Beach (Virginia Beach Planning Commission Design Award 2011); College Park Elementary School, Virginia Beach (LEED Platinum pending).

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(804) 237-1772 or scalvin@aiava.org.**

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Architect: Baskervill, Richmond

Project: Virginia Department of Game and Inland Fisheries, Hanover, Va.

This 49,000-sf two-story headquarters building will have office, training, and warehouse uses and be designed to LEED® Silver standards. Tel: 804.343.1010 / www.baskervill.com

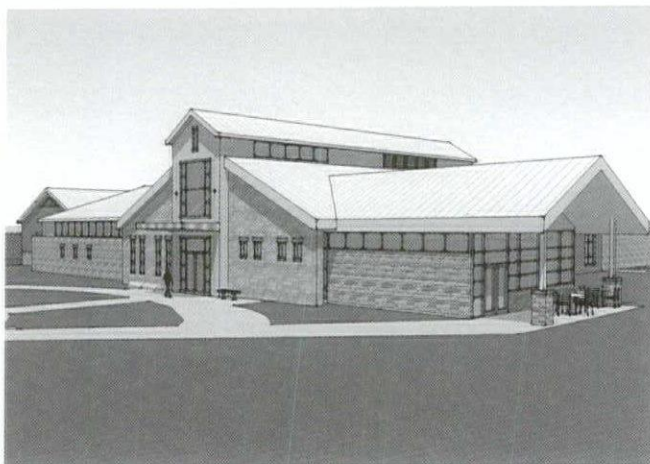


Architect: Clark Nexsen Architecture & Engineering and TetraTech/Tesoro

Project: Transient Wounded Warrior Lodge and Parking Structure, NSA Bethesda, Md.

This LEED Silver 200-room lodge will provide comfortable housing for Wounded Warriors, their attendants, and family members at the National Naval Medical Center. Tel: 757.455.5800 / www.clarknexsen.com

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Architect: Dewberry, Inc.

Project: Western Loudoun Sheriff's Station, Loudoun County, Va.

This 10,000-sf station is estimated to be completed in fall 2013. Built to achieve LEED Silver Certification, sustainable features included geothermal heat pumps, low-flow fixtures, and provision of 75 percent daylight to occupants. Tel: 703.698.9050 / www.dewberry.com



Architect: DJG, Inc., Williamsburg

Project: 1899 Old Courthouse Complex Renovation, Northampton County, Va.

This project transformed an old courthouse to a government complex, including restoring the original heart pine floors and installing historically sensitive lighting fixtures. Tel: 757.253.0673 / www.djginc.com



Architect: HKS Architects, Richmond

Project: Palmetto Health Baptist Parkridge Hospital, Columbia, S.C.

This spring, Palmetto Health will break ground on this new 76-bed hospital. The facility broadens its network to the greater Columbia, S.C., area. Tel: 804.644.8400 / www.hk-sinc.com



Architect: Moseley Architects, Virginia Beach

Project: Student Health & Success Center, James Madison University, Harrisonburg

The center provides a central location for student support services and will feature conference rooms, classrooms, private counseling and training offices, health clinic, and dining. Tel: 757.368.2800 / www.moseleyarchitects.com

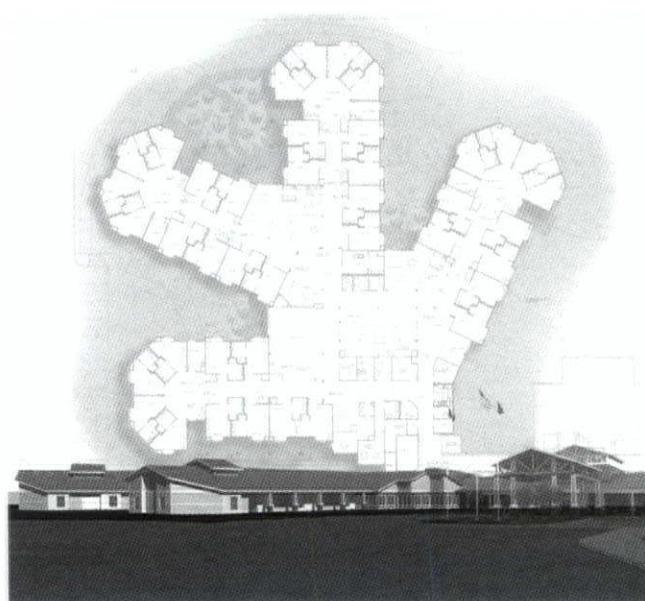
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Architect: Odell, Richmond

Project: Skyview Corporate Office Park, Gurgaon, India

Located southeast of New Delhi's city center, Skyview Corporate Office Park will be a contemporary but classic corporate park for the rapidly expanding economy of Gurgaon. Tel: 804.287.8200 / www.odell.com



Architect: SFCS Inc., Roanoke

Project: Sitter & Barfoot Veterans Care Center—Community Living Center (CLC) Expansion—Richmond

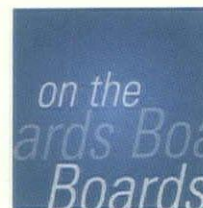
This CLC expansion consists of four 10-bed households with resident rooms, dining, and activity spaces. Connections to the outside occur between each set of households. Tel: 540.344.6664 / www.sfcs.com



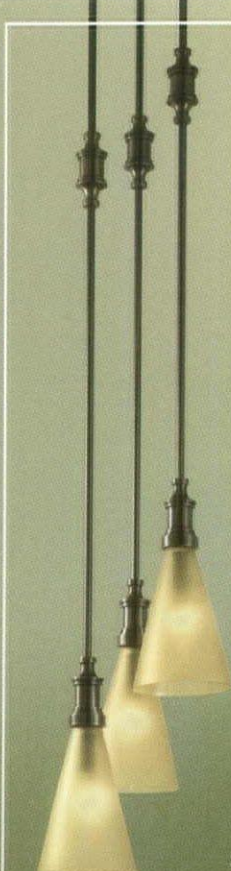
Architect: RRMM Architects with MEB General Contractors, Chesapeake
Project: 1st Naval Construction Division Operations Control Facility, P-851,
Joint Expeditionary Base Little Creek-Fort Story, Norfolk

The 28,330-sf facility will provide improved work spaces to support naval construction units meeting the operational needs of Seabees. Building designed for LEED Gold. Tel: 757.622.2828 / www.rrmm.com

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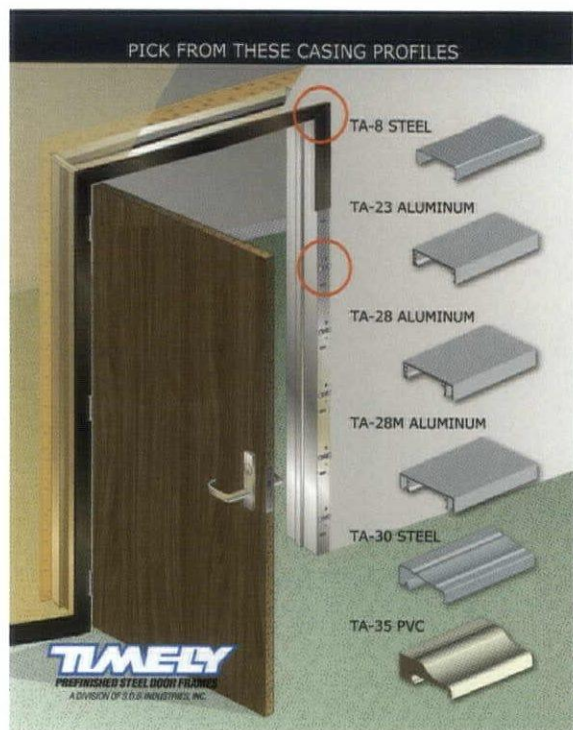
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