

# C O L U M N S

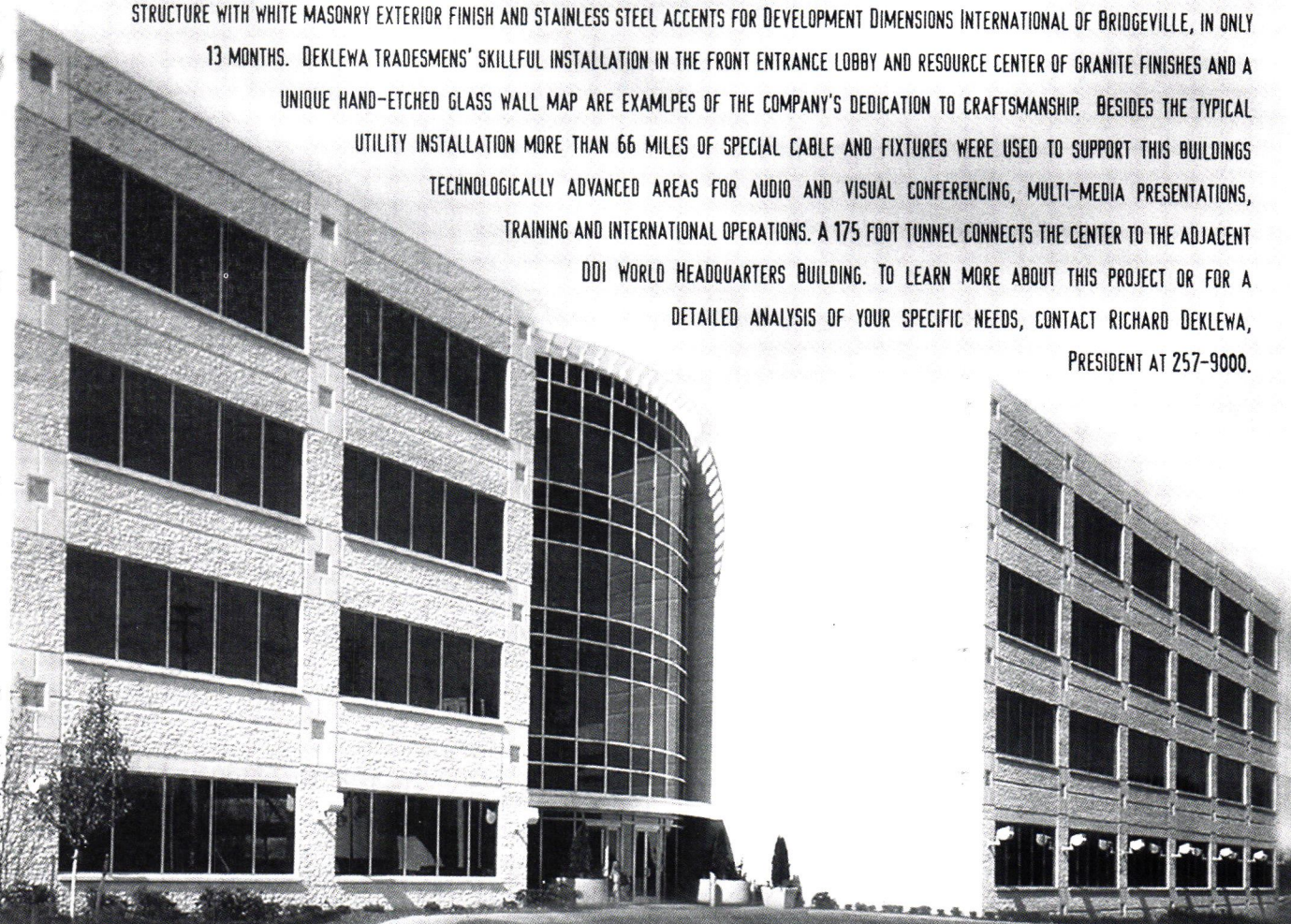






# DEKLEWA DEVELOPS A NEW DIMENSION

THE RECENT COMPLETION BY JOHN DEKLEWA & SONS, INC. OF THE NEW CENTER FOR ADVANCED LEARNING AND ASSESSMENT TECHNOLOGY SIGNALS ANOTHER MILESTONE IN THE CONSTRUCTION FIRM'S LONG HISTORY OF PROJECTS FOR HIGH PROFILE CLIENTS. DEKLEWA CONTRACTORS ERECTED THIS "STATE OF THE ART" FOUR STORY STEEL FRAME STRUCTURE WITH WHITE MASONRY EXTERIOR FINISH AND STAINLESS STEEL ACCENTS FOR DEVELOPMENT DIMENSIONS INTERNATIONAL OF BRIDGEVILLE, IN ONLY 13 MONTHS. DEKLEWA TRADESMEN'S SKILLFUL INSTALLATION IN THE FRONT ENTRANCE LOBBY AND RESOURCE CENTER OF GRANITE FINISHES AND A UNIQUE HAND-ETCHED GLASS WALL MAP ARE EXAMPLES OF THE COMPANY'S DEDICATION TO CRAFTSMANSHIP. BESIDES THE TYPICAL UTILITY INSTALLATION MORE THAN 66 MILES OF SPECIAL CABLE AND FIXTURES WERE USED TO SUPPORT THIS BUILDING'S TECHNOLOGICALLY ADVANCED AREAS FOR AUDIO AND VISUAL CONFERENCING, MULTI-MEDIA PRESENTATIONS, TRAINING AND INTERNATIONAL OPERATIONS. A 175 FOOT TUNNEL CONNECTS THE CENTER TO THE ADJACENT DDI WORLD HEADQUARTERS BUILDING. TO LEARN MORE ABOUT THIS PROJECT OR FOR A DETAILED ANALYSIS OF YOUR SPECIFIC NEEDS, CONTACT RICHARD DEKLEWA, PRESIDENT AT 257-9000.



Project Architect: Johnson/Schmidt & Associates

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# The Don Quixote Factor: Tilting at Windmills in the 21st Century

by Cheryl R. Towers



*The explosion in high technology led everyone to believe that place would cease to matter; yet we're finding out that it still matters very much.*

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## Movie critics are describing *Battlefield Earth*

as possibly the worst movie of all time. By the time you read this, I will know. Meanwhile, I'm taking this opportunity to issue a call for civility: slow down and make nice, for Pete's sake! A recent *Wall Street Journal* article on the topic noted that civility tends to decrease in boom times. How they've made this correlation, or why it exists is anyone's guess.

My admiration goes out to everyone who refuses to succumb to one of the rages (e.g. road, airplane, cell phone, you name it), responding instead with measured kindness and/or wit. There was the grandmotherly looking woman in Barnes & Noble who peered over her reading glasses as an especially obnoxious young man concluded a phone conversation. Said she in the most gentle of voices: "You're not that interesting, you know." He looked more bewildered than angry as he slunk off. Unfortunately, I can recall many a puppy with the same look after doing something bad such as chewing a brand new pair of shoes. You're registering disapproval, and the puppy hasn't a clue why you're upset.

But then, maybe it's all about being clueless. Most of us didn't need a study to tell us that the clueless are...well, clueless. They don't know they're being jerks. Maybe it's the same for the uncivil, poor things, who just don't *know*. The correlation between all this expressed crankiness and the terrific economy belie this, sad to say. People are deciding to be rude. Deciding that it's okay to cut people off,

live in a cocoon where I do what I want to do when I want to do it and to heck with everyone else. It's almost as though you, gentle reader, are the jerk for bothering to observe a few niceties.

I suspect this state of affairs will change eventually, although I may not live long enough to revel in it. The explosion in high technology led everyone to believe that place would cease to matter, yet we're finding out that it still matters very much. If place truly didn't matter, everyone would pour out of Silicon Valley and move to Pittsburgh. Yet people stay in a crowded, ugly, strip-mall laden suburban environment where a run down garage with no indoor plumbing is considered a starter house at \$2 mil. Why? Because the leading lights of high tech are there, or at least perceived to be there. So the corollary to place still mattering is that, guess what? *People* still matter!

And that 's why I think ultimately, and in spite of our current spate of running rude and crude, we will have to clean up our act as a society. In the end, people still matter. They matter as customers and clients, as bosses and employees, as mentors, as friends. There will always be the outsized ego that gets away with all manner of behavior (did anyone say Frank Lloyd Wright?), but the willingness of a society to tolerate such extremes should be rare and backed up by a heck of a lot of talent. And, no, talent is no excuse for bad behavior. We need each other too much.

AIA Pittsburgh serves 12 Western Pennsylvania counties as the local component of the American Institute of Architects and AIA Pennsylvania. The objective of AIA Pittsburgh is to improve, for society, the quality of the built environment by further raising the standards of architectural education, training and practice; fostering design excellence; and promoting the value of architectural services to the public. AIA membership is open to all registered architects, architectural interns, and a limited number of professionals in supporting fields.

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# New Ideas Take Shape

by Anne J. Swager, Hon. AIA

## If you know me at all, it probably

won't surprise you that I grew up in a family of strong opinions. Most everything was black and white, right or wrong. There wasn't much room for the middle ground or any wishy-washy points of view; strong opinions backed up by a strong (often outraged) delivery carried the day. I'm still quite prone to specific points of view and one might even say that I carry my soap box with me. However, I've been trying to hear the other point of view, see the other side.



*The process has opened  
my eyes in some ways  
and in other ways  
reinforced some of my  
ongoing concerns about  
how we make decisions  
as a region.*

My tenure in Leadership Pittsburgh was the best lesson for me on other points of view. I don't know if anyone in my class learned to become better leaders, but I think we all learned how differently each of us think. When classmates whom I trusted and respected expressed points of view that I could never imagine a sane person having, I had to listen. Their opinion was most often shaped from their own circumstances, which often bore no resemblance to the way I had lived. It was a wake up call to me. Vitriolic arguing or even passionate discourse wasn't going to carry the day and in fact, it would only turn them off. Instead, you had to work to have your point of view understood with the final goal of seeing it integrated into the overall plan.

Chairing the Physical Infrastructure Committee for Jim Roddey's New Idea Factory has given me another new set of perspectives. Our challenge is to produce at least six new ideas about physical infrastructure. The emphasis is on ideas which can be realized for minimal dollars in a fairly short time period; no small feat when you are dealing with bridges, roads, sewers, and mass transit, to name just a few. Realistically, our effect is fairly limited. Redoing the entire transportation system is well beyond the six months we've been given to complete our task and also, beyond the capabilities of a group of volunteers culled from a master list of "interested citizens." Nevertheless, we have

come up with some good ideas. Many of them are modest and some are as expensive and time consuming as a T connection from Oakland to Downtown. The process has opened my eyes in some ways and in other ways reinforced some of my ongoing concerns about how we make decisions as a region.

Let's take the Parkway East. The present configuration was built in 1958. In 2000, there are plans to replace everything from the top of the pillars up in the exact same reconfiguration. Based on my priorities of a livable, walkable city with strong riverfront connections, rebuilding some 11 or so lanes of traffic on the riverfront is a ludicrous idea. PennDOT sees it completely differently. It saves them years in the planning and approval process and, more importantly, the cost is so significantly less that it's almost like comparing the rebuilding of your residential street to building the Mon Fayette Expressway. Simple changes in any standard design like light fixtures or railings must meet tests of crash worthiness, the tunnel effect and ongoing maintenance costs. What doesn't figure in is urban design and replacing cars with people. I'm not blaming PennDOT. They do their job as they should, but that is why there's a problem. There is no other perspective.

The best part of Roddey's New Idea Factory is the inclusive process, which puts the passionate perspectives on the table to be melded into new ideas. It's a very good start. However, to be truly effective, we have to embrace collaboration all the way through to decision-making. As a region, we've had years of entrenched processes, which only have the trappings of collaboration or "public process" but none of the teeth when the true decisions are made. Until an urban planner is sitting along side the PennDOT decision makers in Harrisburg, the car will still rule and well meaning groups will continue to struggle with how to fix what is the result of tunnel vision.





## Pittsburgh Historic Review Commission Presents Historic Preservation Awards

Mayor Tom Murphy and members of The Historic Review Commission of Pittsburgh honored 25 outstanding preservation projects throughout the City of Pittsburgh, including these ten by AIA member architects:

■ 1315 East Carson Street - Copies @ Carson (former Columbia Theatre Building)  
FIRM: Perfido Weiskopf Architects  
ARCHITECT: Leonard Perfido, AIA  
CONTRACTOR: Horne Brothers

■ 1500 East Carson Street - Grecian Land Café & Pastries  
FIRM: Zarro & Associates Historic & Ecological Architecture  
ARCHITECT: Val Zarro, AIA  
CONTRACTOR: Liokareas Construction Co.

■ 2228 East Carson Street - Mallorca Restaurant  
FIRM: Integrated Architectural Services  
CONTRACTOR: Sosso Construction

■ 4428 Liberty Avenue - Del's Bar & Ristorante Del Pizzo  
ARCHITECTS: Gregory Weimerskirch, Donald Kaliszewski, AIA and Barry Long, Jr., AIA

■ 4916 Liberty Avenue  
FIRM: Brenenborg Brown Group  
ARCHITECT: David C. Brenenborg, AIA  
CONTRACTOR: Ciummo Brothers Remodeling Co.

■ 310 Shady Avenue - Sacred Heart Roman Catholic Church  
FIRM: Brenenborg Brown Group  
ARCHITECT: David C. Brenenborg, AIA  
MASONRY & CLEANING RESTORATION: Mariani & Richards  
STAINED GLASS RESTORATION: Kelly Art Glass Co.  
ART RESTORATION & DECORATIVE PAINTING: Patrinos Painting

■ 4427 Fifth Avenue - Former Masonic Temple Building (now owned by the University of Pittsburgh)  
FIRM: LDA Companies (Landmark Design Associates Architects also worked on the project)  
CONTRACTOR: NADCO Construction, Inc.

■ 813 Liberty Avenue  
FIRM: Integrated Architectural Services  
CONTRACTOR: BRIDGES & Co.

■ 945 Liberty Avenue - The Bruno Building  
FIRM: Edge Architecture  
ARCHITECTS: Dutch MacDonald, AIA & Gary Carlough, AIA  
CONTRACTOR: Burchick Construction Co.

■ 2801 Penn Avenue - Klavon's 28th St. Ice Cream Parlor  
FIRM: Desmone & Associates Architects  
CONTRACTOR: Kardel Construction



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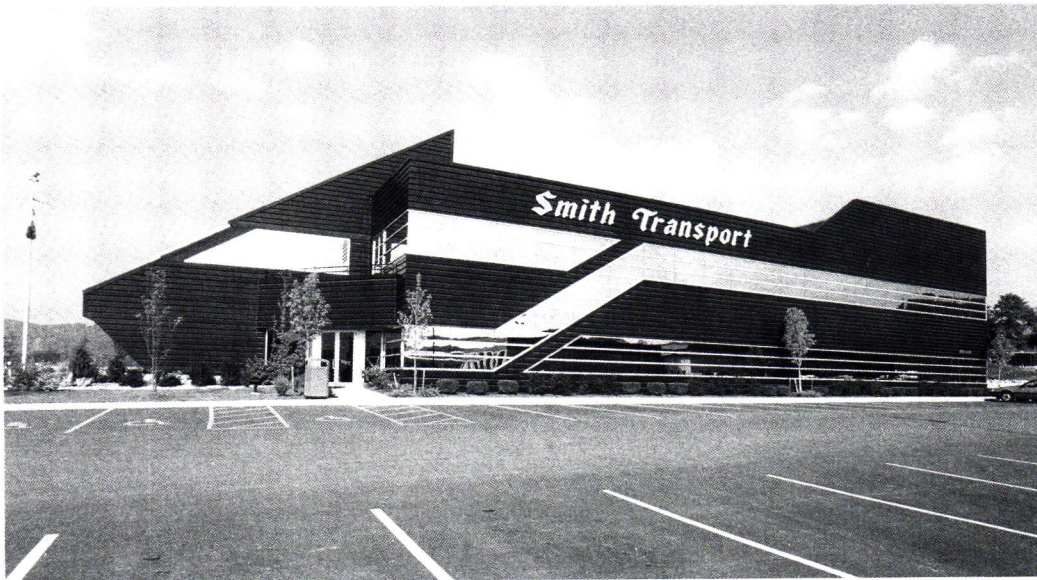


# (Not So) HEAVY METAL

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*The bridge to the 21st century is made of metal.*

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**Smith Transport Corporate Headquarters**

Metal wasn't commonly used as a building material until the late 18th century when bridges and iron-framed buildings emerged in England. According to *The Penguin Dictionary of Architecture*, a prefabricated iron house by John Walker was erected on the Calaba River in central Africa around 1843. At the same time, "cast-iron" districts were built in American cities. Metal made the skyscraper and curtain wall possible during the 20th century, culminating in the audacious use of titanium by Frank Gehry, FAIA at the Guggenheim Museum in Bilbao, Spain.

No one is predicting exactly what developments we'll see in the 21st century, but lighter, stronger, and more colorful are oft repeated words. Meanwhile, the projects in this portfolio demonstrate both practical as well as elegant solutions to various design problems.

*A continuing series throughout 2000 that highlights the use of materials.*





PROJECT NAME: **Smith Transport Corporate Headquarters, Roaring Springs, PA**

ARCHITECT: **Baechle and Associates Architects, AIA**

CONTRACTOR: Ralph J. Albarano & Sons Builders

*Metal Architecture Magazine* featured this unique project in its March 2000 issue, noting the appearance that is so... "truck-like". The black metal clad structure houses a major trucking line whose rigs reflect the black corporate color as well. The architect's concept created an image of a high-speed future transport vehicle, evoking the company's mission of a high speed, high tech truck transportation and delivery system. The front lobby area symbolizes a truck cab with windshield, side vent window, radiator grill and streamlined overhead airfoil. Indeed, the building appears ready to roll at any minute.

The metal siding allows the building to be washed down, just like the rigs outside, an issue because of the industrial location. TR4-36 panels from Centria were used as roofing and siding material, and the manufacturer's 24-gauge, Duranar-coated steel wall panels were inverted. The metal cladding was cost effective resulting in a reasonable project budget.

"The linear profile of metal siding allowed us to create a sleek horizontal appearance, according to architect Patrick Baechle, AIA. "The horizontal lines keep the building anchored to the ground and give it an appearance of moving through a jet stream."



PROJECT NAME: **Jeannette Industrial Park,  
Jeannette, PA**

ARCHITECT: **Design 3 Architecture, PC**

PROJECT TEAM: William A. Snyder, AIA, Principal in Charge; John C. Parrish, Job Captain

CONTRACTOR: Cavcon Construction, Inc.

METAL SIDING SUBCONTRACTOR: Exterior Metals

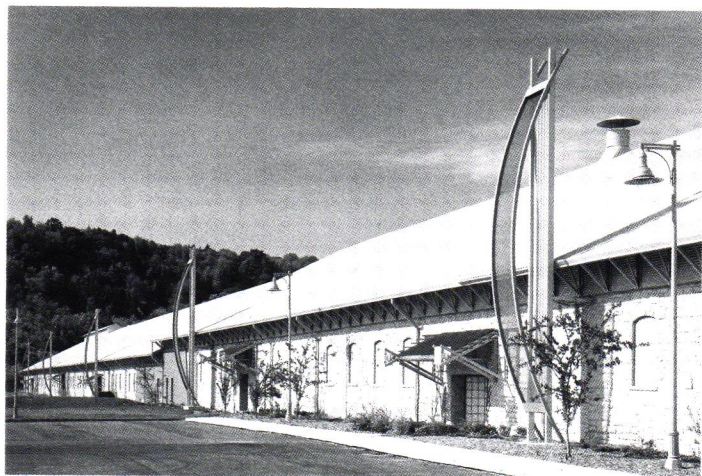
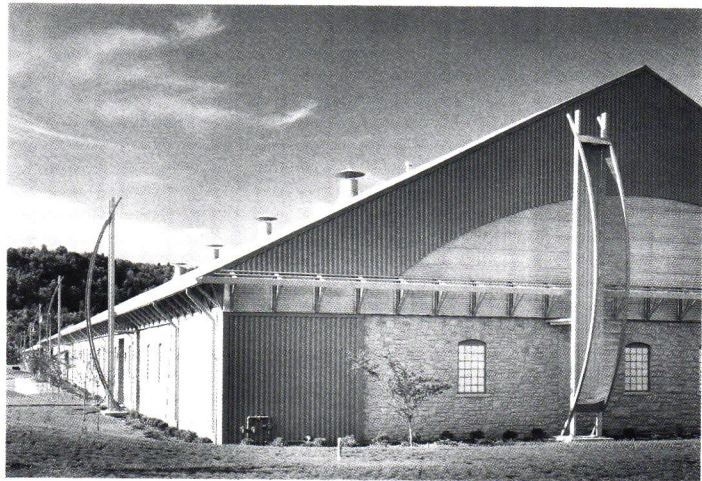
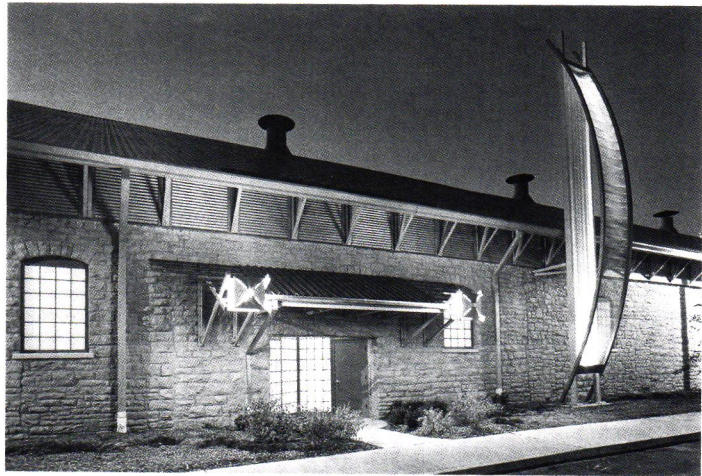
The design challenge was to transform 225,000 SF of a turn-of-the-century assorted masonry building into a speculative, modern industrial park that would be marketable and invoke pride and excitement for community redevelopment.

The firm re-established the original stone flavor and introduced 1 1/2" blue vertical corrugated metal siding to break up the large expanses of stone. They reintroduced character and detail to the building by extending the new metal roof overhangs and using painted exposed steel frame outriggers at 5'-0" on center with 7/8" galvalum horizontal corrugated metal siding frieze. The 39'-6" vertical design/sign elements use bellowing sail-shaped chain link mesh and steel tubes supported by 1 1/2" vertical metal siding and steel-tube frame mast as a sign backdrop. The vertical design/sign elements are base lit, creating a torch effect that plays off the corrugated metal siding and the chain link mesh.

Building entrances are defined using 1 1/2" red corrugated metal canopy on exposed 2 x 2 steel tube 'X' frame extending out from the building face. Steel square shrouded light fixtures are mounted on either side of the 'X' frame.



**Before**



**After**

PHOTOS BY: JIM SCHAEFER PHOTOGRAPHY



PROJECT NAME: **Monessen Riverfront Industrial Park, Monessen, PA**

ARCHITECT: **Design 3 Architecture, PC**

PROJECT TEAM: William A. Snyder, AIA, Principal in Charge; John C. Parrish, Job Captain

CONTRACTOR: Modal, Inc.

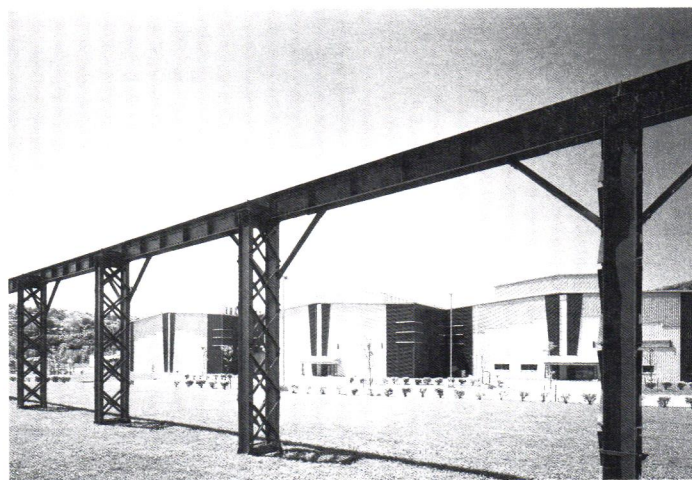
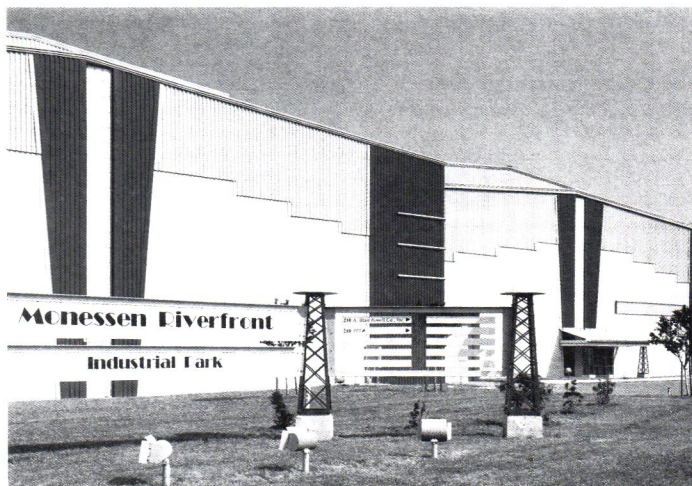
METAL SIDING SUBCONTRACTOR: Delbert L. Smith Company, Inc.

The Westmoreland Co. Industrial Development Corp. asked Design 3 Architecture to determine the value of refurbishing existing structures on the site versus a complete tear down. The firm responded by salvaging almost 250,000 S.F. in two building complexes, along with a single crane rail used as a design element to reflect the past.

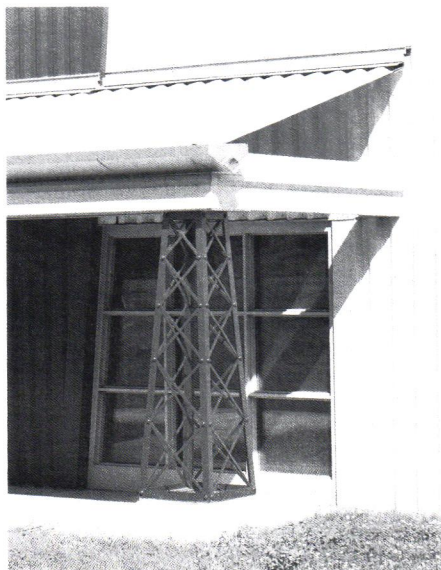
The design incorporated economical, standard 1 1/2" metal panel in standard colors to create a new and exciting facade for each building complex. The sharp clean lines created between different colored panels, each on a different plane, create a geometrical pattern that defines buildings and helps to reduce the overall buildings' massive size down to a more human scale. The building corners were enhanced by the addition of 4' x 4' angles mounted horizontally over the 1 1/2" vertical metal siding.

The Building 200 Complex design is set apart from Building 100 by the use of vertical red metal panel wedges on either side of a vertical translucent window element.

A simple clear-span metal deck from the building to a steel channel frame on top of two open-lattice formed columns defines the tenant entries. The lattice column design is also used in the main project design. A 4' x 4' angle mounted to the steel channel ties the canopies in with the 4' x 4' angles at the corners of the buildings.



PHOTOS BY JIM SCHAFER PHOTOGRAPHY.





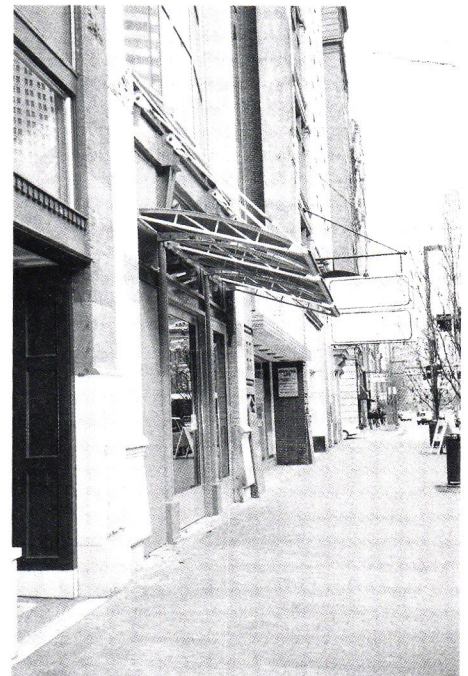
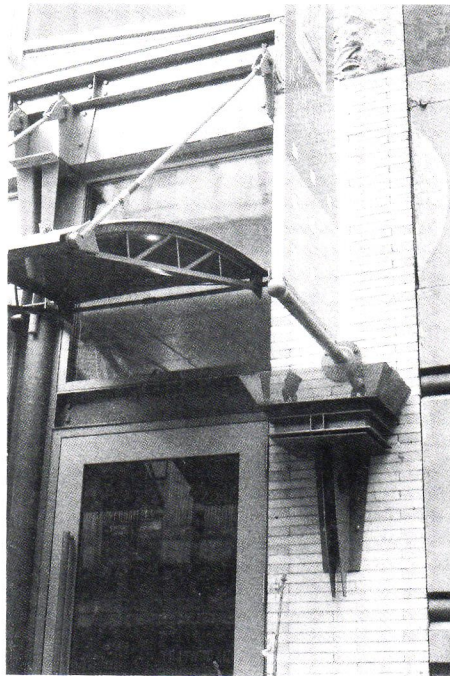
PROJECT NAME: **813 Liberty Avenue (Downtown Pittsburgh, PA)**

ARCHITECT: **Integrated Architectural Services**

CONTRACTOR: **BRIDGES Construction Co.**

813 Liberty Avenue is located in Pittsburgh's Cultural District, the Penn-Liberty Historic District. The design uses standard steel shapes to fabricate a custom designed facade. The steel elements in the design are an interpretation of the historic precedent for a building of this type.

On the ground floor, the stainless steel canopy and the storefront focus the scale toward the experience of the pedestrian along Liberty Avenue. The custom sconces add character to the front piers of the building while lighting the banners. The new steel cornice at the peak of this six-story building is a modern interpretation of the bracketed cornices of the past.



PROJECT NAME: Renovation of private residence

ARCHITECT: makato (formerly Studio DeLisio Architecture & Design)

PROJECT TEAM: Deborah Elliott and Patricia Furey

CONTRACTOR: Kennedy Construction

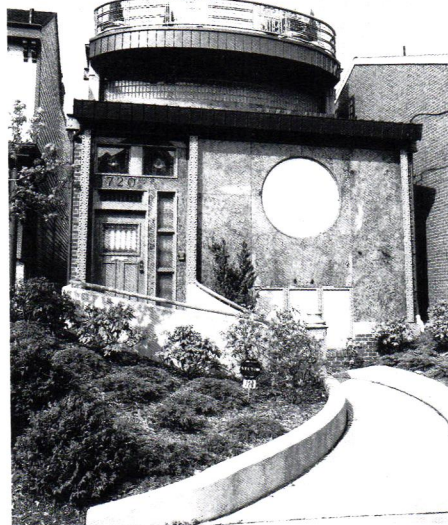
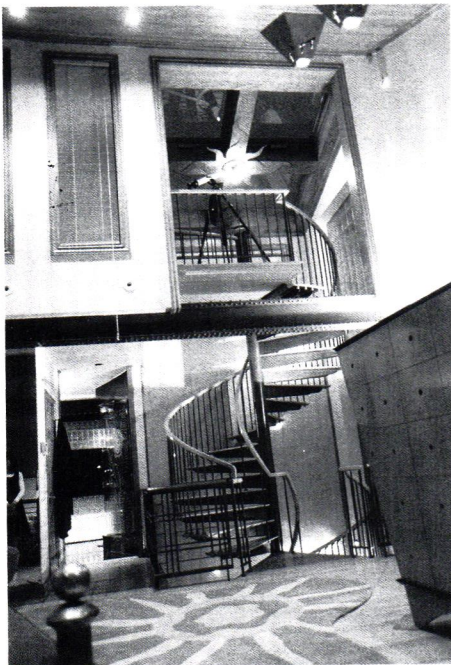
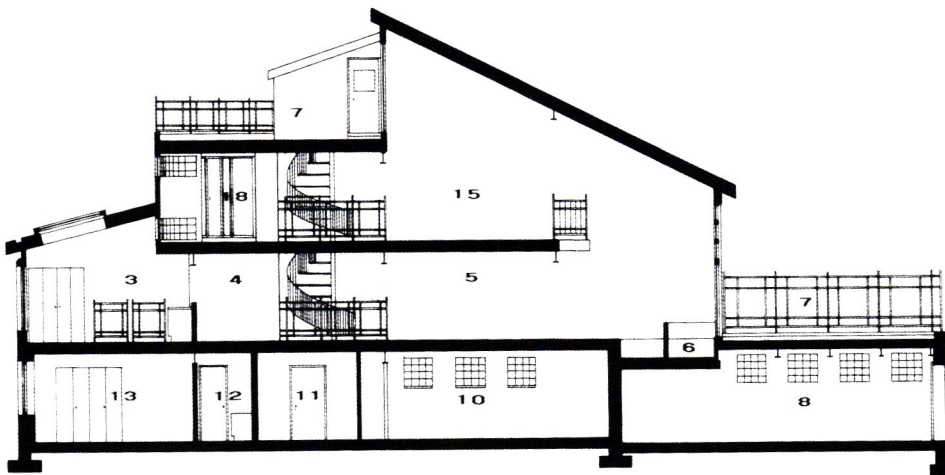
The third floor dormer was designed using multiple and compound curves and clad with scalloped copper shingles. 16 ounce copper sheet is used for exterior details and flashings.

The second floor front windows and the curved porch entablature feature stamped copper ornaments.

The iron balcony railing at the third floor dormer is curved in both vertical and horizontal planes.







**PROJECT NAME: Bachelor House (Shadyside, Pittsburgh, PA)**

**ARCHITECT: Jimi Yucas, Architect Atelier**

**METAL CONTRACTOR: Niko Contracting Company, Inc.**

This bachelor house was designed to fit onto a very tight city lot in the heart of the historic Shadyside neighborhood. The house uses a hybrid steel frame structure. The steel is exposed with rivets on the interior and exterior of the house, then painted with a custom primer and multiple clear coats to achieve the desired color to match the granite facade. The steel railing was adapted from salvaged components of a razed bridge and re-configured to fit the roof decks. The roof and fascia are custom formed, standing-seam copper intended to age into a natural patina finish. A focal point on the interior is the spiral staircase that was fabricated from steel to tie together the multiple levels of the house.



**PROJECT NAME: Robert Morris College Student Center**

**ARCHITECT: Celli-Flynn and Associates**

**Contractor:**

The spiral stair tower, now a symbol of the College, is 19' 6" floor to floor with built up tubes made from 3/4" plate steel. The roof is Architex finished stainless from J & L Specialty Steels. This roof product was invented for the Pittsburgh International Airport, and the firm believes that this is the first subsequent use of the product in the region.



# Aye! Aye! Aye!

*Notes from the Jichinsai.*

by David Hance

With a hearty "Aye! Aye! Aye!" and three swings of the cedar sickle, David Hoglund-san, FAIA attacks the vegetation protruding from the top of the sand cone. By this "clearing" of the land to make way for the new building, the site is prepared for the great changes that are in store.

Twenty-one months have passed at that point since Perkins Eastman Architects began work on Sun City Takatsuki, the latest project by our client, Half Century More (HCM), to meet the great demand for more, and better care for the elderly of Japan. The challenges are huge for this nation of 125 million, as nothing short of a reinvention of their senior care model is envisioned. Our own lengthy design process has offered no small insight into the formidable task of changing from a government-provided to a market-driven model essentially overnight. But no one is thinking today of the many challenges ahead, or the trials that we have overcome already in order to get to this day. On this breezy, cold January day in Osaka, Dave, John Lingley, Associate AIA and I have come to participate in the Jichinsai, or site purification ceremony.

A large red and white tent has been erected for the day's events. We arrive early with HCM's Mitch Green for rehearsal, as there are roles in the Shinto ceremony for the owner, the contractor and the architect. Dave, as ichiban of the PE contingent, gets the architect's lead. Patience is extended by all as Dave runs through "put on white gloves, rise, bow to the owner, accept the sickle, bow to the altar, bow to everyone, approach the cone," and so forth. And that's just Act One.

The others have arrived in the meantime, and at 9:30, we begin by having water ladled over our hands for cleansing of the body before reentering the shrine end of the tent. The priest, dressed in full splendor from shoes to hat, leads us through a series of purifications, invitations to the gods, and offerings of sake, salt, rice, and cotton. Dave then "clears the site", followed by the placing of a gift into the earth by the owner and priest, and then by the symbolic start of construction by the contractor as he breaks down the sand cone with a cedar hoe. The owner, architect, and contractor then take turns offering a laurel branch to the altar. Audience participation is required for this part, and when each of the respective leads steps back from the altar, the other members of his contingent join in first two, then one handclaps to summon the gods. John and I manage to achieve unison with Dave, and Perkins Eastman is represented proudly, if not loudly, at its first overseas groundbreaking.

A communal sharing of the sacred sake rounds out the ceremony, and we file out with optimism for the eighteen months before us. Toasts and sushi are shared at the opposite end of the tent, small gifts are given to everyone, and taxis arrive to whisk us off for Construction Meeting #1.

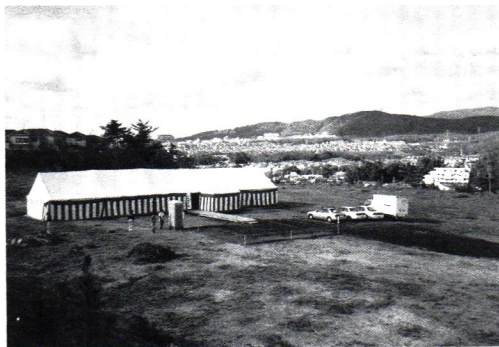
David Hance, is project architect with Perkins Eastman Architects PC.

*The priest, dressed in full splendor from shoes to hat, leads us through a series of purifications, invitations to the gods, and offerings of sake, salt, rice, and cotton.*

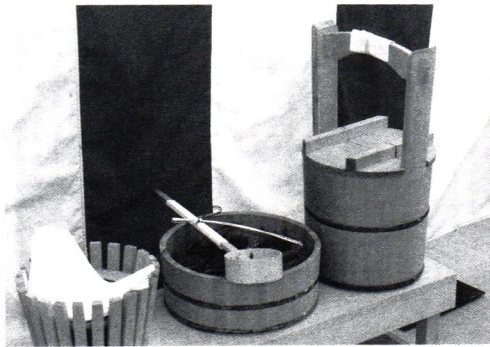


**The Perkins Eastman team: John Lingley, Associate AIA, Mitch Green (HCM), David Hoglund, FAIA and David Hance.**





**The site.**



**Purification tools found before entering the shrine area for the ceremony.**



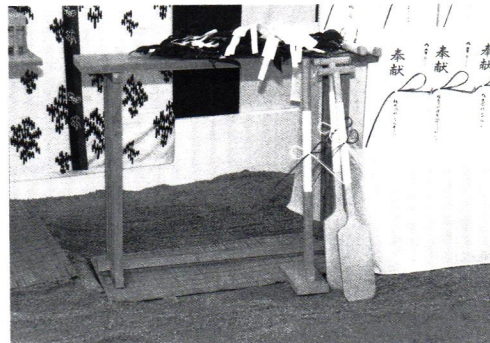
**The symbolic site or sand cone, and the earth where the contractor place his gift.**



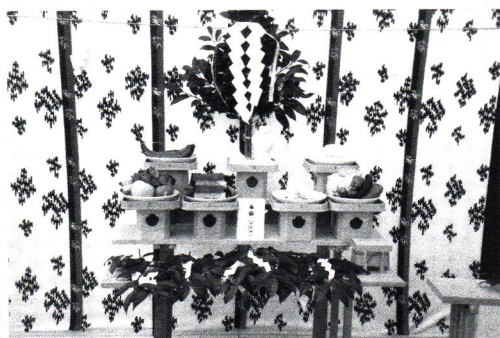
**David Hoglund, FAIA receives the scythe for the ceremony.**



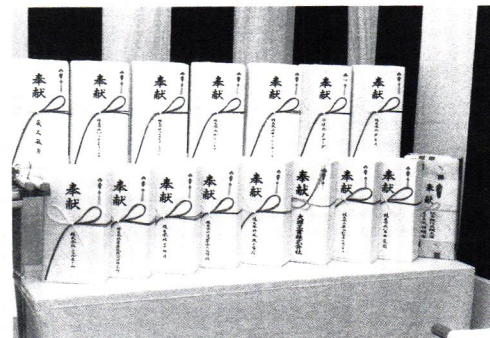
**Clearing the site.**



**The contractor breaks the sand cone and covers the gift hole with soil. The paddles are used to tap gift.**



**Gifts for the gods.**



**Sake for the gods.**



# Designing Sustainable Communities — Learning from Village Homes: A Book Review

by Alan L. Fishman, AIA

*The story of a successful sustainable community.*

While the movement toward creating more sustainable communities has been growing for decades, there are few examples of successful and time-tested sustainable communities. **Village Homes**, located within the corporate limits of university town Davis, California, is one such example. It was built between 1975 and 1981 as a planned unit development on 60 acres of land, and was inspired by the garden city, a concept originated by Ebenezer Howard in England in 1898. Village Homes contains 242 residential units and offers such unique features as extensive, interconnected common areas containing pedestrian and bike paths, solar homes, community gardens, narrow streets and an innovative ecological drainage system.

Judy Corbett is executive director of the Local Government Commission in Sacramento, California. The com-

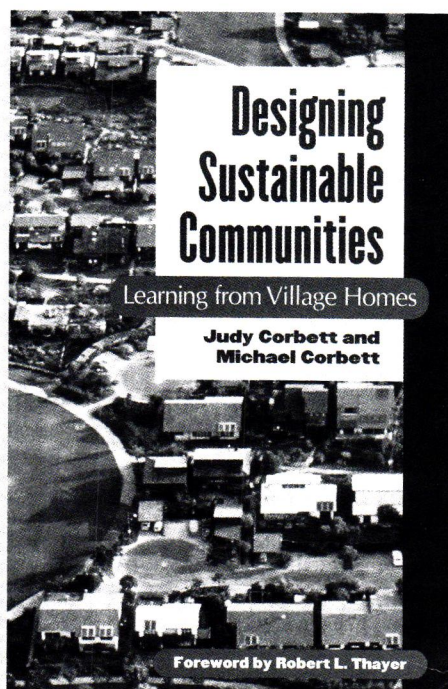
mission is a membership organization of local elected officials working to improve the economic, social and environmental sustainability of communities. Michael Corbett, educated as an architect, is the principal of Town Planners in Davis, a design and planning firm specializing in environmentally sustainable development. Judy and Michael planned, developed and built Village Homes.

The book is essentially their story of how they conceived of the idea to create a sustainable community, carried out their idea to a successful conclusion and how the community has fared since its completion in 1981. They define what is sustainable development and what are the goals and principals to be achieved in creating this development. They provide a detailed description of Village Homes, of its architectural and environmental features and ways in which these features have been successful or not. The Corbetts have created a community that combines environmental with social ecology, and that is an unprecedented mix of residential, commercial and agricultural elements.

The layout of the community allows all homes to face south to maximize use of the sun for heating. Homes, accommodating people from a variety of income levels, use passive or active solar space heating and have rooftop solar water heaters. The streets, really just alleys, are long cul-de-sacs and are far narrower than streets in standard developments. The houses open onto common areas linked by bicycle paths that form a grid throughout the neighborhood. The houses have enclosed courtyards, private yards, at the front and open rear yards that blend into the common areas. Agricultural land is incorporated throughout.

Houses are arranged in clusters of eight around a common garden space where the homeowners grow fruits and vegetables and interact socially together. In addition there is a large common agricultural area that is farmed by the homeowners on a voluntary basis with one full time staff

*The Corbetts  
have written an  
excellent chapter  
on energy.*





member. This is part of the sustainability of the community — they are able to grow their own agricultural products for their own use and also sell them at a farmers' market in the town center. There is a restaurant, convenience store, swimming pool and community building at the town center. There is a very strong sense of community, a design closer to nature, natural drainage and a minimization of reliability on and presence of the automobile.

In addition to an introduction to Village Homes, the book deals with the basis for sustainable development, the basics of food, shelter and water, energy, the use of resources in sustainable design and a sustainable approach to urban design. The book concludes with several case studies of garden city communities around the country.

The Corbetts participated in the development of the "Ahwahnee Principals", planning principals for sustainable communities, which grew out of their experience in creating Village Homes. Several of these are:

- All planning should be in the form of complete and integrated communities containing housing, shops, work places, schools, parks and civic facilities essential to the daily life of the residents.
- Community size should be designed so that housing, jobs, daily needs and other activities are within easy walking distance of each other.
- The community should have a center focus that combines commercial, civic, cultural and residential uses.
- The community should contain an ample supply of specialized open space in the form of squares, greens and parks whose frequent use is encouraged through placement and design.
- Streets, pedestrian paths and bike paths should contribute to a system of fully-connected and interesting routes to all destinations. Their design should encourage pedestrian and bicycle use by being small and spatially defined by buildings, trees and lighting; and by discouraging high speed traffic.

The Corbetts have written an excellent chapter on energy. It describes the various sources of energy, both renewable (solar, wind, geothermal, water, biomass) and non-renewable (fossil fuels, nuclear). They stress the need for our world to "wean" itself off of non-renewable sources, the use of which is harming our environment. They discuss the need to reduce energy consumption and restructuring for a low energy society. In the chapter on the uses of resources in sustainable design, they discuss the need to reduce, reuse and recycle. Examples of this are innovative sewage treatment facilities that recycle "gray" water and produce fertilizer. Use of recycled building materials is discussed, as well as use of materials that have long life spans and do not require high levels of energy to produce. The chapter concludes with a discussion of the green building movement.

This is a very good book on sustainability and sustainable communities, green building, energy consumption and the environment. The downside is that the authors are repetitive in their attempt to fill up an entire book. Also, the authors' academic, college textbook writing style is tedious going, and the poor quality of the black and white photographs also detracts.

*Designing Sustainable Communities — Learning from Village Homes, Judy Corbett and Michael Corbett, Island Press, 2000.*

*Alan L. Fishman, AIA is vice president and principal of IKM, Inc.*



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# YOUNG ARCHITECTure 2000

YOUNG ARCHITECTure 2000 is a follow up to Young Architecture '98, the successful gallery show held during the summer of 1998 at the AIA Pittsburgh Gallery. Young Architecture 2000 is an opportunity for interns and young architects to exhibit their design ability outside the normal restrictions of work assignments.

The exhibit is open to all Interns and Young Architects (registered 10 yrs or less) and all of the projects were reviewed by a jury to honor projects which stood above the rest. Permitted submissions included any type of design that was *personally* done by the young architect (firm work is ineligible). Work could include built and unbuilt architecture, urban design, art, photography, sculpture, furniture design, painting, travel sketches, etc. The jury categories included:

- Architecture built
- Architecture unbuilt
- 3D art and sculpture
- 2D art and photography
- Miscellaneous (web sites, music, publications)

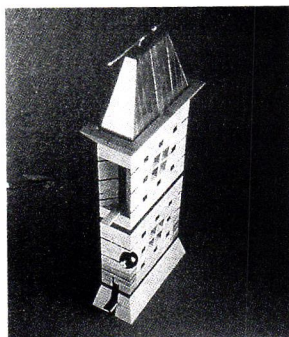
## The jury selected four exceptional projects:

- Architecture Built: Villa Maria Comfort Station, Christine Mondor [Gardner+Pope Architects]
- Architecture Unbuilt: Philippine Nationality Room, Warren Bulseco, AIA [WTW Architects]
- Architecture Unbuilt: House3, Lee Calisti, AIA [Integrated Architectural Services Corporation]
- 3D Art and Sculpture: Villa Albatross, William Curran, [WTW Architects]

The exhibit will run through July 31, 2000, with the reception on Friday, June 9 2000, 5:30-7:30 at the AIA Gallery.

## Participants include:

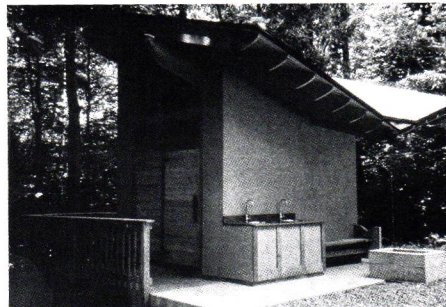
- Christine Mondor, Gardner + Pope Architects
- Marc Mondor, WTW Architects



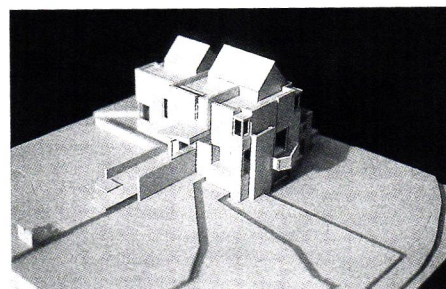
**Villa Albatross, William Curran, AIA [WTW Architects]**

- Jim Taylor, Associate AIA, IKM Incorporated
- Warren Bulseco, AIA, WTW Architects
- Iris Gehrke, WTW Architects
- David A. Saint-Jacques, WTW Architects
- Kenneth M. Stehle, Associate AIA, WTW Architects
- Lee Calisti, AIA, Integrated Architectural Services Corporation
- William Curran, AIA WTW Architects
- Kento Ohmori, Carnegie Mellon University
- Jill Jean Swensen, Burt Hill Kosar Rittleman
- Robert Ferry, Rothschild Architects
- Ryan Stahlman, Carnegie Mellon University

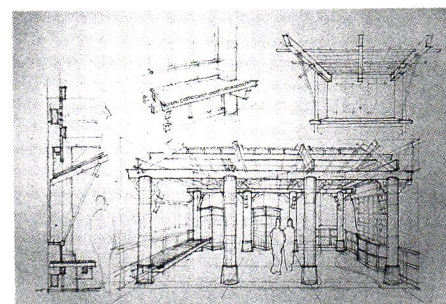
Jurors for the exhibition were Laura Lee, AIA and Tom Briney, AIA.



**Villa Maria Comfort Station, Christine Mondor [Gardner+Pope Architects]**



**House3, Lee Calisti, AIA [Integrated Architectural Services Corporation]**



**Philippine Nationality Room, Warren Bulseco, AIA [WTW Architects]**

## PIYAF Mission Statement, Background and Activities

PIYAF is a subcommittee of AIA Pittsburgh's Professional Development Committee (PDC). It was formed in 1996 by the PDC chair along with three young architects who felt the need for a forum specifically for young architects. Since then, PIYAF has grown to over 125 interns and young architects in the Pittsburgh area through the distribution of a newsletter that serves as the primary means of announcing events and information. Leadership is voluntary but is comprised of two co-chairs and a board of directors with five to seven regular participants, acting as a steering committee for events and activities.

PIYAF is a forum and a voice for interns and young architects of this area. Members are interested in augmenting their careers in the architectural field through conducting or participating in seminars, gallery exhibits, and construction site visits, attending AIA, CSI, and other professional group events and touring product-manufacturing plants. Added benefits are social and networking opportunities. Members are not required to be AIA members.

Besides the benefits of being a peer network, PIYAF is a valued resource for continuing education for interns and young architects in this area. This is primarily for overall career development, but also to assist the interns in satisfying the IDP requirements and the CES requirements for the young architects.

As an AIA committee, we have made great strides in the past four years and have become one of the most active committees in the local chapter. Despite recent successes, future goals include continuing and enhancing our site and production facility tours, developing regular forum sessions to hear the voices and needs of Pittsburgh young architects, and forwarding that voice to the people and organizations that can affect positive change for this career group.

— Lee Calisti, AIA



### From the Firms

→ **WTW Architects** is designing a new 940-car parking garage on Pittsburgh's North Shore of the Allegheny River just east of the new Pirates' PNC Park complex. The firm is also serving as the local architects working with **HOK Architects** in the design of the new Steelers' Stadium. On the Monongahela River, **WTW** designed Great American Federal Savings & Loan Association's newest branch office in the Waterfront Development, Homestead. And inland, firm architects are designing the renovation of the existing Indiana University of Pennsylvania Student Union, along with a new 64,000 sf addition.

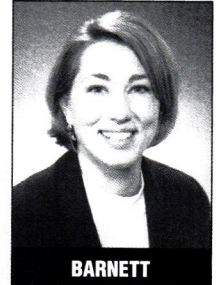
**Weber Murphy Fox, Inc.** is one of two consulting firms hired to create a concept plan for the newly announced expansion to Erie International Airport. The firm recently co-sponsored a seminar on healthcare facilities and the new AIA guidelines concerning their design and construction for 2001.

### Business Briefs

→ **Kathryn Barnett, AIA** joined **Radelet McCarthy Architects**.

**L.D. Astorino Companies** added Judson R. Herter as a project manager in the Pittsburgh headquarters.

Nicole Pellegrini joined **Weber Murphy Fox, Inc.** as a project coordinator, while Jill Covino is a marketing intern.



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Church of the Covenant  
Washington, Pa  
Architect: RSH Associates

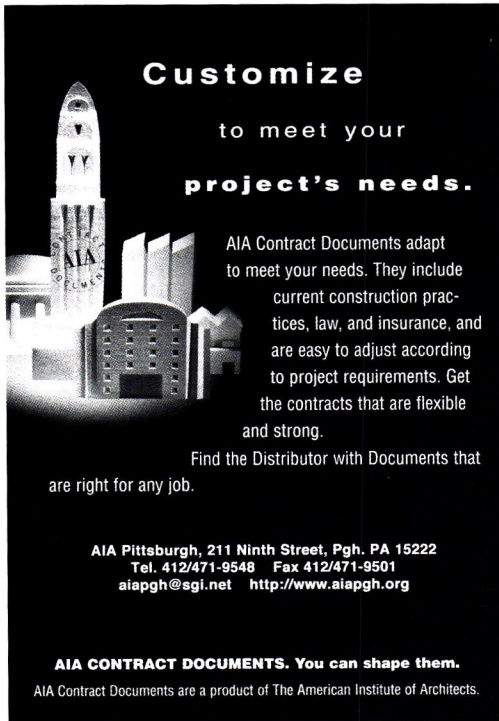


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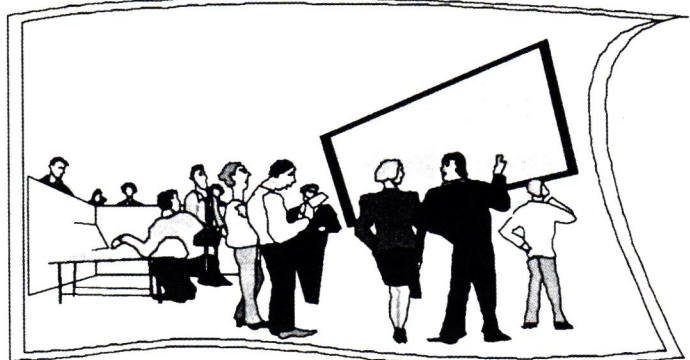
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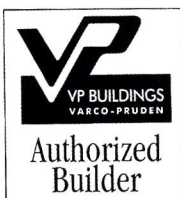
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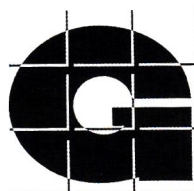
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rose plastic GmbH, California, PA  
Architect: Malcolm W. Moore



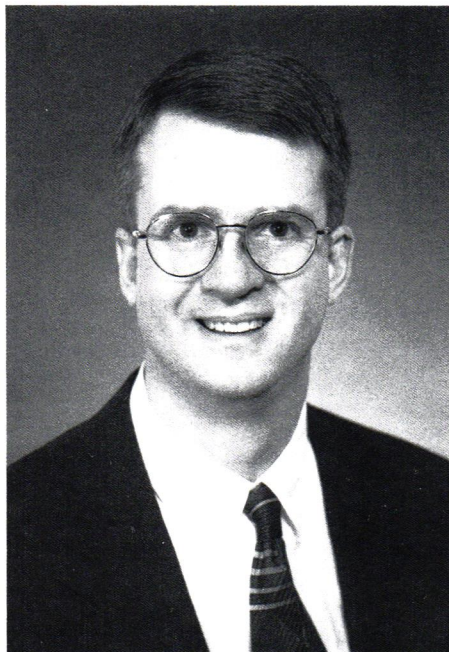
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# Joel C. Cluskey, AIA



**Firm:** Ruprecht Schroeder Hoffman, Architects, Pittsburgh, PA (South Hills).

**Family Info:** Wife Georgeanne and two boys, Christopher (8) and Daniel (5).

**Residence:** A remote corner of Mt. Lebanon called Sunset Hills. (right Anne?)

**Years in Practice:** Sixteen, plus college summers.

**School/Education:** Master of Architecture, University of Illinois; Champaign, IL; May 1984. Bachelor of Science in Architectural Studies, University of Illinois, Champaign, IL, May 1982.

**First Job:** Hardees Hamburgers while a sophomore in high school. In addition to being the master of the deep fryer, I had the privilege of cleaning out the grease traps in the basement. That job lasted a total of three months..

**Project you're proudest of:** Chapel of the Assumption at Caritas Christi, the new motherhouse for the Sisters of Charity of Seton Hill, Greensburg, PA.

**Most embarrassing project/moment:** Slipping on an inclined wooden plank at a job site and sliding to the bottom into the mud. Made for great entertainment for the contractor and tradesmen.

**Building you wish you had designed:** The Eiffel Tower.

**Building you'd like to tear down:** The Ivory Tower.

**If someone made a movie of your life, who would play you?** Jimmy Stewart.

**If you could live anywhere in the world, where?** I live there now.

**What's the best part of your job?** My 10 minute commute.

**What have you always wanted to tell your boss?** That they are just really great guys (it might help at bonus time).

**What have you always wanted to tell your clients?** Nobody's perfect, notwithstanding the fact that we are constantly trying to convince them that we are.

**What's the most annoying thing architects do?** Give away or undervalue the services they can provide.

**Advice to young architects?** Find a spouse that can support you if you plan to have a family.

**Favorite interior?** The Yale Center for British Art, New Haven, Connecticut, Louis I. Kahn.

**Favorite building?** Basilica of Sacre-Coeur, at Paray-ILe-Monial, France. Best preserved Romanesque church of the Clunaic period (12<sup>th</sup> century) in Burgundy, France. Perfection in everything: firmitas, veritas, venestus.

**Favorite City?** Paris

**Favorite architect?** Palladio

**Favorite architecture book?** From Bauhaus to Our House to Bauhaus, Tom Wolfe Peter Wolf. Reveals the novelty of modernism.

**Best gift to give an architect:** Summers off.

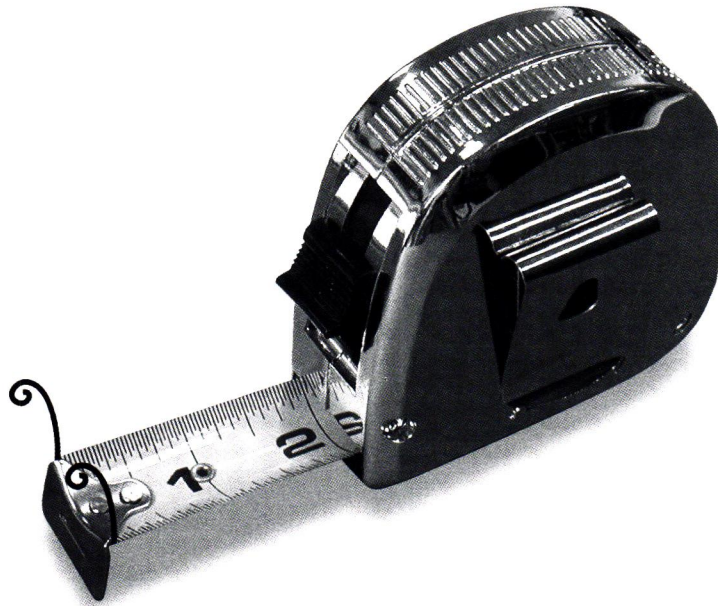
**Wish list for Pittsburgh/Downtown:** Reality check when it comes to expectations of shopping grandeur.

**What's the next big architectural trend?** Design-Build.

**People would be surprised to know that:** My avocation is restoring antique musical instruments like player pianos.

**I belong to AIA because:** It's our best forum for communication and positive change in the profession..





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**For advertising information and rates,  
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## AIA ACTIVITIES

### June 2, Friday

**Communications Committee Meeting,**  
noon at the Chapter office, 471-9548.

### June 9, Friday

**Committee on the Environment,** noon  
at the Chapter office, Gary Moshier, AIA,  
252-1500.

### June 13, Tuesday

**AIA Pittsburgh Board Meeting**  
5 p.m. at the Chapter office. All members are  
welcome, 471-9548.

### June 13, Tuesday

**Professional Development Committee**  
**Meeting** noon at the Chapter office,  
471-9548.

### June 15, Thursday

**Legislative Committee Meeting,** noon  
at the Chapter office, Chuck Coltharp, AIA,  
252-1500.

### June 28, Wednesday

**AIA Pittsburgh's Foundation for**  
**Architecture Meeting,** 5 p.m. at the  
Chapter office, David Vater, AIA, 431-4245.

## 2 C O L O E N D A R

## AROUND TOWN

### June 13, Tuesday

**CSI Meeting: Annual Awards Program.**  
Dinner and awards program at the Allegheny  
Club at Three Rivers Stadium followed by the  
Pirates baseball game. Dinner \$20, Box Seat  
Tickets \$13, optional parking pass \$5. Please  
call Les Cartiff at 412-823-5063 for  
registration form.

### June 14, Wednesday

**Society of Design Administrators.**  
Monthly meeting at the Engineer's Club.  
"Public Speaking the #1 Phobia / Public  
Speaking the Easiest Phobia to Cure" by Pete  
Graziotto from Dale Carnegie. 11:30 a.m.–1:30  
p.m. Lunch \$17 members \$19.50 non-  
members. Reservations call Christine Taylor  
412-231-5500.

### June 14, Wednesday

**"Sustainability: Getting the Goals**  
**Structure Straight"** Paul O'Neil, Director &  
Chairman of the Board, Alcoa. The Forum  
begins at 4:30 p.m. at the Bayer Learning  
Center, Duquesne University and is followed by  
a reception. No fee to attend.

### June 3 – Aug 26, Saturdays

**South Side Strolls.** Stroll East Carson Street  
on the South Side. Meet at 12th & East Carson  
Street in front of the Birmingham mural. 10:30  
a.m. – 11:45 a.m. Free

### June 7 – Sept 27, Wednesdays

**Pittsburgh History & Landmarks**  
**Wednesday Downtown Walking Tours.**  
June & September, Penn-Liberty Walk, Meet at  
Katz Plaza. July, Wood Street Walk, Meet at  
PNC Plaza. August, Grant Street Walk, Meet at  
USX Plaza 12 noon to 12:50 p.m. Members  
Free. \$3.00 non-members.

AIA Pittsburgh is using e-mail  
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A LISTING OF AREA CONTRACTORS AND THEIR PROFESSIONAL SERVICES. To include your firm in this directory, call AIA Pittsburgh at 412-471-9548.

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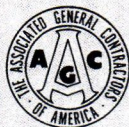
*Christmas In April Pittsburgh thanks the Architects who sponsored the repairs for two Northside homeowners on April 29, 2000:*

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E-MAIL: BHP@nauticom.net  
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### Professional Affiliate

**Eileen M. Kinney** is Director of Marketing for MacLachlan Cornelius & Filoni, Inc. She has over eight years of experience in the A/E industry, is a Slippery Rock University grad and engaged to Paul Mallin. She's already joined the Communications Committee and looks forward to involvement with Design Awards.



KINNEY

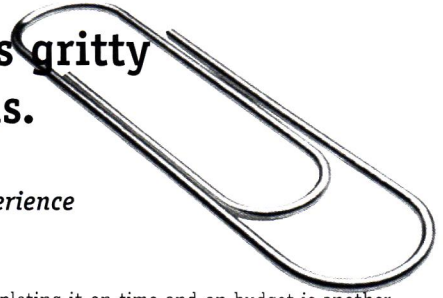
### Professional Affiliate

**John S. Webb** is a manufacturers' representative with Webb Contract & Associates. An Indiana State University (Indiana) alum, John has been with the firm since 1991.



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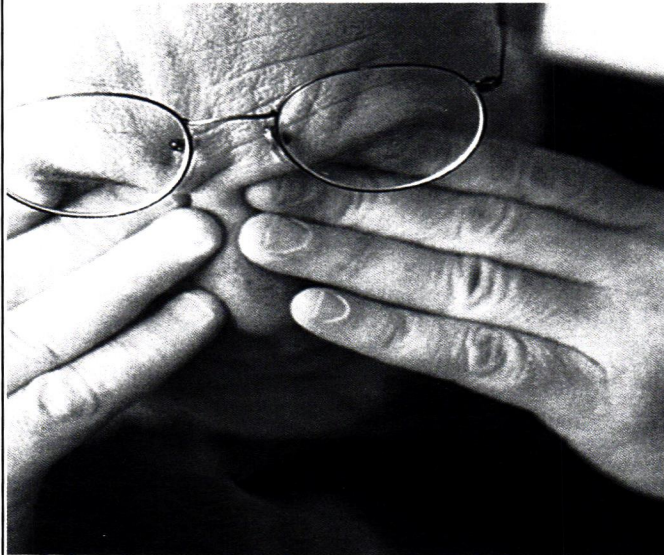
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To contribute to an issue or to submit a story idea, please contact the editor at 412/362-1844 or by email: CRTowers@stargate.net

### UPCOMING ISSUES

Throughout the year 2000, *Columns* will explore innovative uses of various materials. All members are encouraged to submit designs in the categories below.

#### September 2000

- Other materials not covered (Deadline for submission is June 15)

#### October 2000

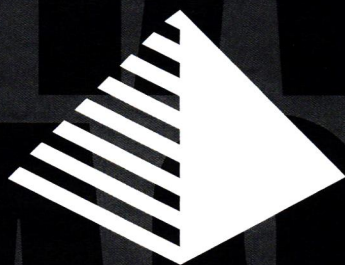
- Aluminum (Deadline for submission is August 15)

#### November 2000

- Finishing Systems (Deadline for submission is September 15)



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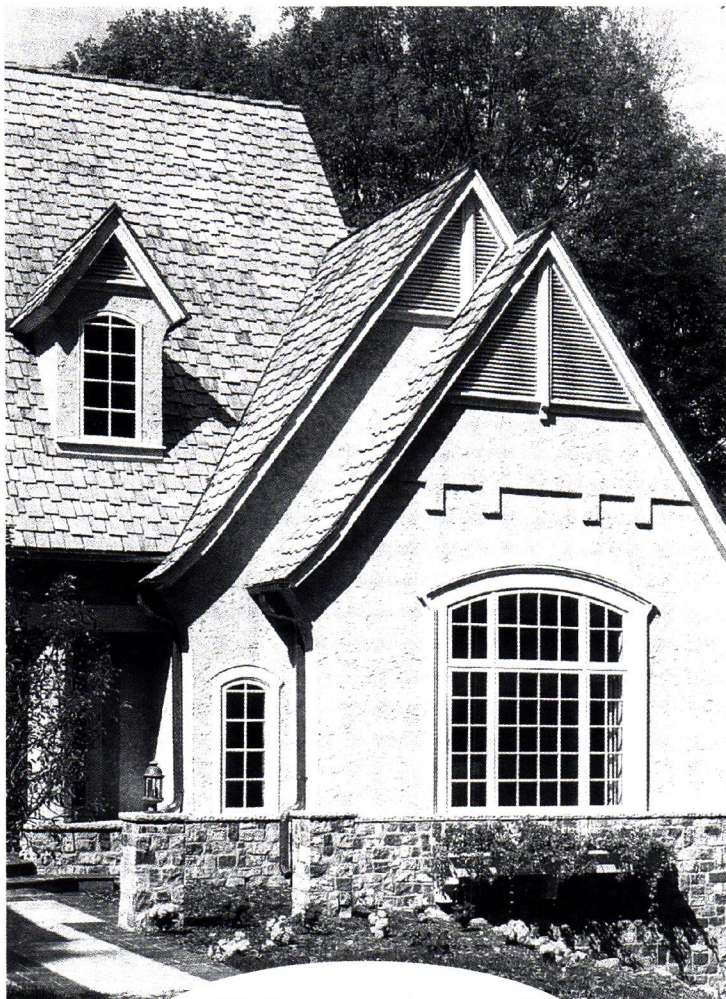
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