

COLUMNS



VOLUME 12, NO. 3 AIA PITTSBURGH, A CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS

APRIL 1998

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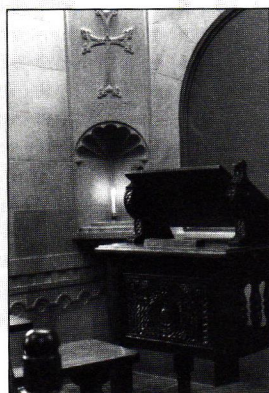
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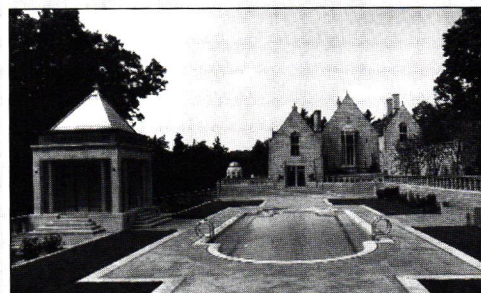


The Armenian room located on the third floor of the Cathedral of Learning at the University of Pittsburgh is the 22nd nationality room to be established at the university. The stone arched room copies the masonry techniques of church and monastery builders of the 11th century. This magnificent classroom was designed by Torkom Khrimiam who emigrated from Armenia in 1978.

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"Elm Court", a 9-acre private estate located north of Pittsburgh, involves unique additions and renovations. For example, the pool above is heated and has an ozone purification system. The deep blue water is surrounded by a granite surface edged in limestone. The pool is lined with hand made ceramic tile. On the left is a pool house sitting area. To the right is the "Fish Slide" built to hold two antique Indian carved marble panels giving the appearance of two carved fish swimming in the current of the fountain.

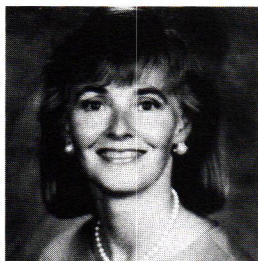
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G E N E R A L C O N T R A C T O R S B U I L D I N G S U C C E S S

Laissez Les Bons Temps Roulez

by Cheryl R. Towers



Good citizenship and enlightened self interest are two darned good reasons to go to the polls.

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On the cover: Aristech Polypropylene Technical Center. Architect: Bohlin Cywinski Jackson. Contractor: NADCO Construction. Photo by Karl Backus.

"May you live in interesting times" is my

favorite curse, Chinese or otherwise. Mind you, I don't have anything to complain about personally. I've got a great family, nice home, way too much good food, friends, fun activities, interesting work, terrific colleagues, on and on. But things around us are changing, and change is always...well, interesting. In Allegheny County, we're faced with a referendum in May that if passed will radically alter the face of local government. All indications are that we can only expect things to get better with passage. Call me cynical, but humans can always find a way to make a muck of things given proper time and incentive. Still, there is something comforting about the thought that we could be governed under a structure that doesn't guarantee a mess - we would at least have to earn it.

Tip O'Neill operated under the proven maxim that "all politics are local". Given that, this is not just an interesting but a vital time for all of us. It's popular sport to make Washington the bogey-man, but the reality is that we are far more affected on a day to day basis by what happens on Grant Street than we are by what happens in Washington. The effects of federal decision making fall squarely into the category of "trickle down" — they may bite us and bite us hard, but we usually don't feel it until long after the perpetrators have moved on to other things. Raise our property taxes, though, and the effect is felt like a paper cut.

All of this is to urge you to take time to go to the polls on May 19. The article beginning on page 12 describes the changes that will result from the proposed home rule charter, and tells you how to access more information if you want it. It also points out the impact that the new charter will potentially have on architects. Good citizenship and enlightened self interest are two darned good reason to go to the polls.

Other things are changing in our world, and we bring some of those to you this month. The third article in our design hub series looks at what's missing from the region as a design center, and what the opportunities are to fill in the gaps. We update you on AIA's Continuing Education System, with special attention paid to the 36 LU's now required annually to maintain AIA membership. And finally, partly for fun and partly because it's an important trend, we take a look at the principles of Feng Shui as they have been applied to a local residence.

It seems almost nonsensical to wish everyone renewed vigor now that spring is upon us, since winter hardly bothered to stop in these parts this year. Nonetheless, spring *is* here, and we should all take the time to enjoy it. After all, we do live in interesting times! 🏠

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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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Chartering A New Course by Anne Swager

Any of you who frequent public meetings

are familiar with public meeting junkies. These are people who appear to have nothing else to do in their lives but loudly and frequently comment at public meetings, even when the subject at hand has nothing whatsoever to do with them. Like it or not, democracy, at least at public meetings, levels the playing field for everyone. I've been to public meetings of every type in Mt. Lebanon. Generally, board meetings such as planning, zoning or community relations are spared the attention of the second guessers. They are much more prevalent at the Commission meetings where the big decisions are made. We have George, who has decided that there is no reason for us to have an assistant manager and who thinks we should fire ours, despite the fact that she has saved enough money for the township to more than cover her wages in her 15 year plus tenure. There's Cal who rails against the school district for spending any money no matter what it's for. Egan, the engineer, once measured the library and was incensed that our estimated square footage was off. But the biggest hooplas are always over pets. We had the legendary leash law for cats followed by the dangers of dog urine in Bird Park. Nothing riles people's emotions more than a restrictive ordinance governing Rover or Garfield. Normal law abiding citizens turn into raving lunatics over pets.

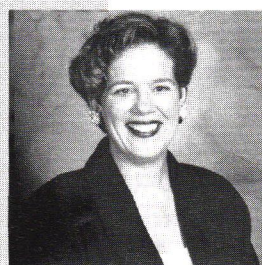
I am really quite a fan of citizen input in local government. However, it is a lot more productive to have citizens be part of the problem-solving mechanism rather than to respond to other people's decisions. After all, it always looks easier when you are on the outside looking in. At a recent Planning Board meeting, a citizen took me to task for criticizing the architecture for a proposed Eckerd Drugs to be located at an entrance point for Mt. Lebanon. What I was

really criticizing was the lack of architecture. However, the citizen was sure that I didn't like the developer's pictures because I was a colonial architecture aficionado. What I was really trying to do was embarrass the developer into doing something besides a brick box with small aluminum clad windows. We don't have design review power in Mt. Lebanon and so, with the help of this citizen, we got a brick box. At any rate, I digress.

Mt. Lebanon is a well run professional community. You can't pay off the building inspector or even slide out from under a speeding ticket, no matter who you are. Our public meetings make the news when the public is screaming, and that happens more often than not in a town where everybody is sure they can do it better than their neighbor. What doesn't make the news because it's not happening is budget deficits, patronage hirings, and reduced services.

On May 19, you have the opportunity to help straighten out what is by all counts a mess: Allegheny County government. My comment is not meant to disparage the elected officials of the County or the staff. Any government that has to look to the state legislature for change is going to be mired in politics. It's easy to say "let's just do what's right and take out the politics," but not practical in a system that operates top down on political favors. Without a vote from you saying that politics as usual must change, it won't.

If the proposed County charter passes, AIA Pittsburgh has a significant opportunity to help guide the process for county selection of architectural services. Leveling this playing field is something many of us have looked forward to for a very long time. Please help us have this opportunity. Vote yes on May 19 for the new proposed County charter. 🏠



"If the proposed charter passes, AIA Pittsburgh has a significant opportunity to help guide the process for county selection of architectural services"

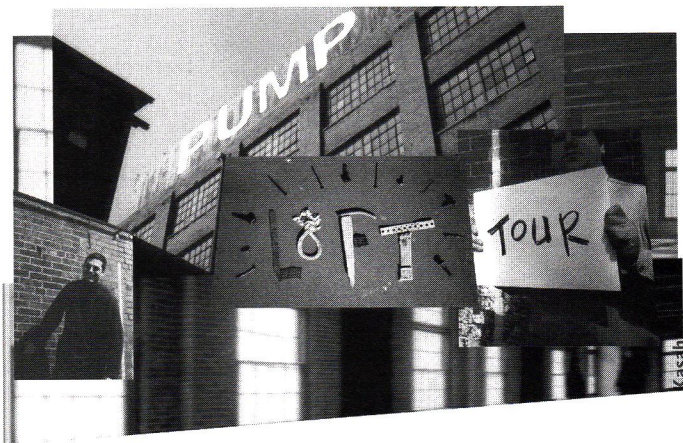


Architects Making A Difference

Paradise Loft: A Tour of Alternative Housing Choices

Gerard Damiani, AIA and Jeff DeNinno, AIA have organized a tour of eight examples of alternative housing options in the Downtown and Strip areas of the City. The tour called "Paradise Loft", is a program of the Pittsburgh Urban Magnet Project (PUMP). All eight sites are under construction and can be seen on Saturday, May 16 between 11 a.m. and 3 p.m. For more information, call Jeff DeNinno at 231-5230.

RIGHT: Photo Collage of Paradise Loft sites by Chris Kasabach.



AIA Joins Forces with Leadership Pittsburgh

On April 24, Gary Moshier, AIA, chair of the Committee on the Environment, Rob Robinson, AIA, committee member, Anne Swager, chapter executive director, and Cheryl Towers, editor of Columns and a professional affiliate will facilitate a program entitled "Sustaining Livable Communities" for leadership groups. It is an opportunity for the Chapter to present important principles to a large number of the region's civic leaders, and to demonstrate the importance of architecture and planning. Attendees at this session will be drawn from Leadership Pittsburgh/Leadership Development Initiative, IMPACT Westmoreland, Leadership Alle-Kiski Valley, Leadership Butler County, and Latrobe Area Leadership.

Leadership Pittsburgh selects 50 community leaders to participate each year. The program combines education and awareness of community issues with application of leadership skills to build bridges of understanding across diverse segments of the community. It also creates a network of civic leaders who are committed to improving our community. Leadership Development Initiative is a program of Leadership Pittsburgh and is for future leaders of the Pittsburgh region who are currently ages 22-34.



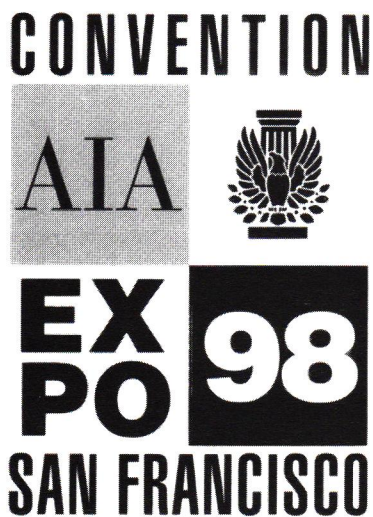
Rob Pfaffman, AIA takes Leadership Pittsburgh participants on a walking tour of Downtown. Photo courtesy Leadership Pittsburgh.

AIA Pittsburgh has a long-standing relationship with Leadership Pittsburgh and annually nominates the immediate past president for participation in the current class. Others are also encouraged to apply to either LP or LDI. This year's deadline is Friday, May 1 for LP and Monday, June 1 for LDI. For information and an application, call 392-4505. Donald Carter, FAIA, is current president of the Leadership Pittsburgh board of directors.

Build a Bridge to San Francisco98

The AIA Annual Convention is May 14 - 17 in San Francisco's Moscone Center, and it's your opportunity to gain valuable knowledge for dealing with issues facing the profession, to enhance your personal and professional interests by networking, and to earn up to 36 LUs for just \$50. Best of all, registration is FREE for AIA members! For more information, visit the website at www.aiaonline.com, email to convention@aiaemail.aia.org, or call 617/859-4475 for information about Expo, or 202/626-7395 for information about Convention. Don't miss this chance to mingle with your colleagues in one of the greatest cities in the world.

Let AIA Pittsburgh know if you are attending so you can vote!



The Felissimo Design Award Competition

The New York Foundation for the Arts joins Felissimo in presenting the 1998 Design Award competition with cash prizes of \$10,000, \$6,000 and \$4,000. Awards will be given for innovative and artistic product designs by artists currently residing in the United States. The 1998 theme is "Workspaces in the Home for the Millennium." Entry deadline is April 30, 1998. For more information, call 800/708-7690.

Total Building Off 5% in 1997

According to F.W. Dodge Division of the McGraw-Hill Companies, total building in the standard metropolitan area of Pittsburgh for 1997 was off 5% from 1996. The largest loss was in nonresidential building, down 16%, while residential building was up 9%.

Rock and Roll Update

Last summer, we reported on the suit brought by The Rock and Roll Hall of Fame and Museum® against photographer Charles Gentile over an alleged trademark violation. This occurred when Gentile photographed the building and produced and sold a poster of the photograph for profit. The case is interesting because while architects typically retain the copyright to a building's design such that no one can reproduce the drawings, *trademarking* a building by the owner is unusual.

The U.S. District Court in Cleveland granted the Museum's request for an injunction, and Gentile was forced to turn over all existing copies of the poster to the Museum's attorneys. Subsequently, Gentile retained his own legal counsel and appealed the injunction. On January 20, 1998, the 6th Circuit Appellate Court in Cincinnati agreed that the preliminary injunction should not have been granted, and sent the case back to District Court for further consideration.

The Museum has continually pointed out that by the very act of hiring I.M. Pei, FAIA as the building's architect, they sought a distinctive facility worthy of trademark protection. The problem is that objects trademarked are usually functional, such as a Coke® bottle. The Museum is certainly functional, but it is a *building*, not a mere "object".

And as a building, it is very much part of the site and the landscape. The question remains: just how much control can the Museum retain over the view of its facility?

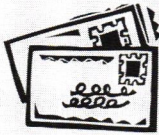
Professional Affiliate John Sieminski, an attorney who often works with architects, points out that "The Appellate Court only addressed whether or not an injunction should have been granted. The courts are very reluctant to grant injunctions, especially where someone's livelihood is at stake, as it is here in the case of Mr. Gentile. The District Court may still ultimately decide in favor of the Museum." Sieminski also notes that the majority of Appellate Court justices were "not persuaded that the Museum uses the building as a trademark" in a legal sense, although the Chief Justice concurred with the District Court.

The Museum is now on notice that it needs to strengthen the argument that the building serves as a trademark. How the Museum does that remains to be seen, although one possible course of action is to survey the public to find out how the building is perceived. Once again, stay tuned. And if you're up to the challenge, you can read the entire opinion of the Appellate Court on the Internet: <http://www.law.emory.edu/6circuit/jan98/98a0020p.06.html>

Passings

Mario C. Celli, FAIA, died at the age of 88 on January 31, 1998 after a fifty year architectural career in partnership with his brother, Raymond, and later, William V. Flynn, AIA. The firm of **Celli-Flynn and Associates** was formed in 1949. Mr. Celli devoted much of his career to designing effective learning spaces and represented the AIA at the School Commission of the International Union of Architects. He received Ford Foundation and Educational Facilities Laboratory grants to bring foreign architects to the United States to see the best of American education. Mr. Celli is survived by his wife, Catharine, two daughters, Ellen Eichleay and Marga Nascimento, and son **Thomas Celli, AIA** who heads the firm today.

LETTER TO THE EDITOR



Mr. Cuteri's very thoughtful article, "Good Architecture is Good Business," unfortunately reinforced some of my recent musings about his profession. I have developed an interest in the history of architecture and in making architectural renderings. I even wondered whether I might have made a career in the field. He confirmed my suspicion that architects must coordinate an even wider array of details and regulations than my field of machinery design. Wrestling with those issues diminishes the fun inherent in both the architectural and engineering professions.

What struck me most was his comparison of the six ancient design principles with the challenges faced in today's practice. The ancient principle conspicuous by its absence in his list of today's tasks is "the arts." Juggling all those other challenges has not caused modern practitioners to drop the esthetic ball. While my personal disdain for shiny boxes might lead me to that conclusion, I also see many appealing structures being built. This is especially true of those that appear to be sensitive abstractions of Classical themes.

Could it be that the decline of the artisan in our culture has piled too many responsibilities on the design professional? If the workman cannot furnish sound construction details, they must be specified. If the finish carpenter cannot produce pleasing ornament they must be designed for standardization and prefabrication. This is not to decry the workers' skills, but the system that has devalued them.

Of course, pleasing esthetics are much more about overall lines than detail and ornament. So my question is: when and how does today's architect address these? How is "Delight" integrated with "Commodity" and "Firmness?" Such a discussion might be profitable for your readers and would certainly be interesting to lay people and clients.

Timothy C. Engleman, P.E.

Christmas Day is on April 25, 1998!

Christmas in April*Pittsburgh is a program designed to support an annual one day blitz to renovate and repair the homes of low income elderly and disabled homeowners in the Greater Pittsburgh area. It unites people of all faiths and walks of life in an effort to assist people in need. This year, almost 1200 volunteers will renovate over 30 homes in the area, and this is your opportunity to be part of it.

A homeowner referral sheet is also available to anyone who wishes to refer an elderly or low income homeowner to the program.

Anyone fourteen years of age and older can volunteer, and volunteers do not need to be skilled in home repairs. All volunteers are expected to work from 8 a.m. to 5 p.m. on "Christmas Day", April 25, 1998. For more information or to volunteer, call Jim Frantz at TEDCO 276-8080.



Jim Frantz and a 1997 Christmas in April homeowner.



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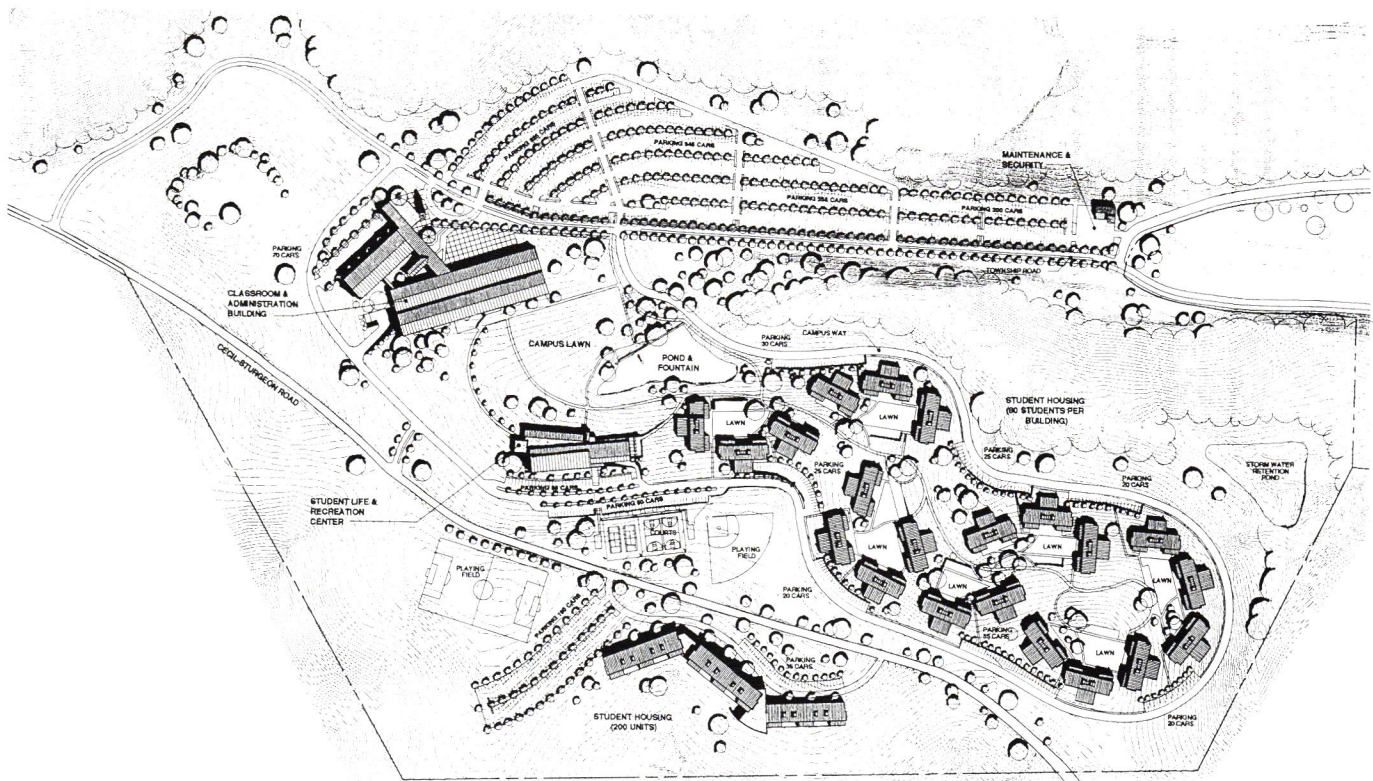
PITTSBURGH AS A DESIGN HUB:
What's Missing and Where Are the Opportunities?



PHOTO BY KARL BACKUS.

Aristech Polypropylene Technical Center. Architect: **Bohlin Cywinski Jackson.** Contractor: **NADCO Construction**

PART III IN A SERIES EXPLORING THE REGION'S PLACE AS A CREATIVE CENTER
BY CHERYL R. TOWERS



Master Plan/Pennsylvania Culinary Institute Campus.

Design team: **Davis + Gannon and Joseph C. Beerens Architecture L.P.** Contractor: **Clearview Project Services Co.**

We looked at the *production* of architecture in the January/February issue. We tackled *appreciation* in the form of architectural tourism in March. Now, we look at what *isn't* here, or perhaps isn't as strong or as recognized as we would like from the perspective of the profession. In other words, what's missing? Even more importantly, what are the opportunities that this creates or that exist generally?

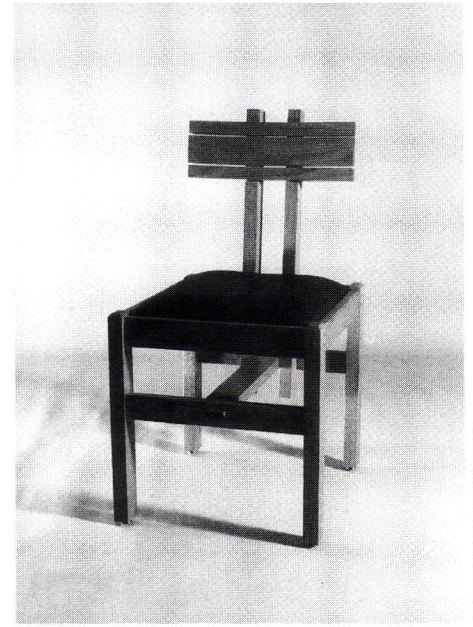
- In many respects, what is missing is confidence. We continue to labor as a region under the shadow of our colonial and industrial history. The region was built through the gutsiness and perseverance of pioneers and upon the broad shoulders of the industrial worker. The future will be built not with physical labor but with our brains. Creativity and information are the currency of the next century. That's easy to write, but harder for many to believe. Whether it's the client looking elsewhere for architectural talent or the architectural firm looking elsewhere for clients, more work needs to be done to convince everyone that excellent design talent exists here and is vital to the region's success.
- Perhaps a corollary to this is the abundance of builder-designed homes in the area. Many are priced into the stratosphere, yet these "land yachts" are snatched up by owners

who clearly could afford architectural services, but, for whatever reasons, opt instead to go another route. Moreover, there is a lack of well designed, moderately priced houses designed by architects. UDA Architects did the pattern book for Crawford Square, and there are other examples out there, but it's not a common practice.

Clearly, an opportunity exists, especially if those in charge of public housing and lending decisions can be persuaded that architects can add value and can reduce costs over the life cycle of buildings.

- A strong tourism campaign aimed at those interested in architecture is missing, although, as pointed out in the March issue, that is changing. Anne Swager, Chapter executive director, notes that there is a committee now addressing architectural tourism, and recommendations will soon be forthcoming. In addition, the Strategic Marketing Plan done by The McKinsey Company and sponsored by the Allegheny Conference on Community Development, the Working Together Consortium, the Pittsburgh Regional Alliance and the Pittsburgh Convention and Visitors Bureau recognized the importance of tourism and recommended focusing resources to boost overall visitorship to the region. Given that the Commonwealth projects that tour-

"We continue to labor as a region under the shadow of our colonial and industrial history."



PHOTOS COURTESY CRAIG MARCUS.

Furniture by Marcus Studio.

ism will surpass agriculture as the State's number 1 industry by the year 2002, that is encouraging.

- We lack a convention center of the magnitude to pull in numerous important conventions (including AIA), and of the stature to serve as a signature piece. As the only major proposed public building under consideration, the new convention center offers the opportunity to be an important singular structure in design and sustainability, and to serve as an example of proper urban planning and siting.
- Pittsburgh has the opportunity to become a leader in the design of high tech facilities. While it is ironic that FORE Systems felt that it was necessary to pull in a firm from California in order to get a design that would help them compete with Silicon Valley companies for employees, this isn't necessarily a common practice. Bohlin Cywinski Jackson received the commission for The Intelligent Workplace at Carnegie Mellon University, a facility that pushes the boundaries of conventional design, and also designed the Aristech Polypropylene Technical Center and CMU's Software Engineering Institute. The Design Alliance is designing Alcoa's new headquarters on the Northside.

Jon Jackson, AIA notes that, "In today's economy, we often find that where major projects are concerned, many clients are more interested in selecting a design firm based

on specific prior experience or demonstrated skills than on the basis of location. At the moment, we have more active projects on the west coast than in Pittsburgh — research laboratories in Seattle and San Diego, and a computer animation movie studio in the Bay Area. I know there are lots of architects in those communities who could handle these projects, and they're probably wondering why a firm from Pennsylvania has been selected."

- Pittsburgh lacks a design center such as those found in New York, Chicago and Philadelphia. It also lack any kind of annual showcase for design excellence. Furniture designer Craig Marcus rallied colleagues for an exhibition of contemporary furniture by area craftsmen to specifically address this need. It is scheduled for September 1998 in the AIA gallery. "I'm not a 'show maker'", states Marcus, "but we hope to grab the attention of people who are in the hope that someone will start doing this sort of thing on a regular basis. We also want to demonstrate to architects and to the public that excellent design and craftsmanship exist here."

- The lack of a design center also reflects a lack of cohesion among linked professions: architects, landscape architects, graphic designers, furniture designers, interior designers, etc. There simply isn't a regular place or forum

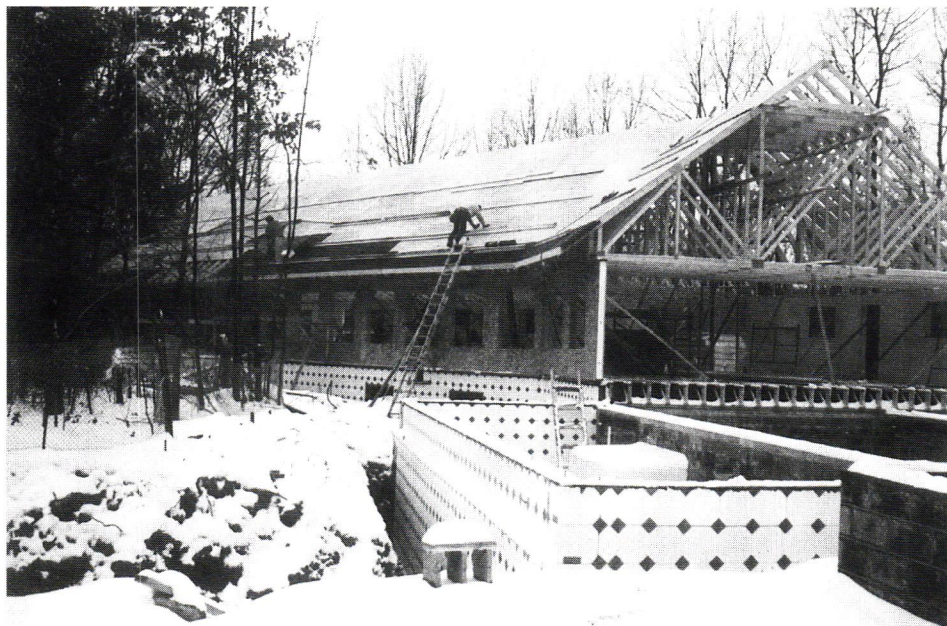


PHOTO COURTESY OF THE DESIGN ALLIANCE

Girl Scouts of Southwestern PA, Eberle Learning Center. Architect: **The Design Alliance.**
Contractor: **Clearview Project Services Co.**



PHOTO BY ANDREW A. WAGNER

David L. Lawrence Convention Center

for the exchange of information and ideas among these professions.

- The region has lagged behind national trends, especially in embracing "green/smart" buildings and sustainable development. There are strong pockets of advocacy and practice such as the Chapter's Committee on the Environment, Carnegie Mellon University, Conservation Consultants, Inc., the Green Building Alliance, and a number of practicing architects, all of whom are pushing these concepts into the mainstream. The Design Alliance and contractor Clearview Project Services, Co. "greened" the Girl Scouts' Eberle Learning Center in Bruceton Mills, WVA. The Pennsylvania Culinary Institute is developing an entire sustainable campus using the services of Davis+Gannon Architecture in a joint venture with Joseph C. Beerens Architecture L.P. Clearview is the construction manager/general contractor. The Institute project is particularly interesting because charettes are pulling in local building officials early on, giving them a comfort level with practices that may be unfamiliar to them. It provides the opportunity to demonstrate principles with significant economic implications, such as on-site management of waste and utilizing the heat given up in 14 commercial kitchens.

Even so, we are only beginning to learn how to frame these ideas more broadly to make them appealing to the client and to our communities by explaining the importance of life cycle costing and the impact on quality of life.

- The public at large doesn't grasp the value added service that architects provide. Architects are in a position to change this by being alert for opportunities to respond to situations. For instance, when a new building is announced in the media and the architectural firm isn't mentioned, architects need to respond by writing letters to the editor to point out the omission. And architects need to be out in the community as has been discussed in previous issues - not giving away architectural services, but demonstrating that architects are problem solvers who add value to projects and can often save clients money and headaches. An excellent example of this service is the work the QBS task force is doing in response to the home rule charter (see related story page 12).

There is much work to be done, yet the flip side of every item that we lack is an opportunity waiting to happen. The firms and professions that thrive in the future are those that seize these opportunities today and run with them. ■

Home Rule Matters!

by Cheryl R. Towers

Mark May 19 on your calendar



"AIA Pittsburgh has a unique opportunity to have a voice in drafting a portion of the statute governing the County administrative code that would go into effect with the passage of home rule."

What Home Rule Means for Allegheny County

On May 19th, voters in Allegheny County can make an important historic decision about the future of Allegheny County government by deciding to adopt a county home rule charter. Home rule is a streamlined approach to local government and one that can make sweeping changes in the way Allegheny County government works. It also potentially has direct impact on the architectural profession.

For the first time in the 200 year history of Allegheny County, voters will have the opportunity to decide the kind of government that the county should have. The home rule charter will provide an alternative to the three-commissioner system and replace it with a term-limited County Executive, a part-time 15-member County Council and an appointed professional County Manager. These government officials would be elected in 1999 and take office in January 2000.

This new government structure would improve County government in several ways. Home rule would transfer the authority to make changes in County operations from Harrisburg to Allegheny County. Under our current system, approval must come from Harrisburg for even minor administrative changes in County government. This entails a considerable legislative process in which we spend valuable political capital to negotiate votes with legislators from other parts of the state.

Under the home rule charter, the projected cost of County government administration will be \$1.7 million. The actual cost of operating the three-commissioner system in 1997 was more than \$4 million.

The home rule charter would require the support of two-thirds, or 10 of 15 of the County Council members and the support of the County Executive to raise taxes. The three-commissioner system requires the support of only two commissioners to raise taxes.

The home rule charter provides a part-time County Council that increases citizen representation without increasing the cost of government. The Council will consist of 15 citizen legislators, 13 elected by district, and two, required to be of different parties, elected at-large.

An eight-member bipartisan Charter Drafting Committee wrote the home rule charter after months of review and public input. The completed document is available from the Allegheny 2000 Citizens Committee or it can be accessed on the Internet at <http://trfr.clpgh.org/charter>. For more information about Allegheny County home rule or to schedule a presentation on the proposed home rule charter, contact the Citizens Committee at 429 Fourth Avenue, Suite 2001, Pittsburgh, PA 15219 or call 412/261-3131.

What Home Rule Means to Architects

AIA Pittsburgh has a unique opportunity to have a voice in drafting a portion of the statute governing the County administrative code that would go into effect with the passage of home rule. The Qualifications-Based Selection (QBS) Committee's legislative task force (Chuck Coltharp, AIA, chair; John Simienski and Brian Ashbaugh, both professional affiliate) is drafting language that would guide the engagement of architectural and engineering services by the County. The proposed charter language requires buying goods and services using the lowest responsible bid, rather than on the basis of qualifications. However, an administrative code further defining the charter will include QBS language, and will be submitted to The Economy League in April. The League is serving as staff to the Charter revision committee.

During the November 1997 strategic planning retreat, the Chapter board identified QBS as a focus for the coming year, making the timing of the home rule movement very appropriate. In order to expand the impact of QBS, the language drafted will be used as a model statute. This statute, along with a presentation on how to select an architect and the AIA QBS booklet will be used in presentations to municipal officials and school boards. Chapter board member John Missell, AIA will lead the undertaking. According to Missell, "This could well be one of the most important local issues that we've addressed as a Chapter. The opportunity to help government adopt good practices that level the playing field for selection to appropriate criteria is one we can not afford to ignore." ■

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Bell Atlantic Mobile

Feng Shui on the Mon

by Cheryl R. Towers

Modern structures find harmony through an ancient practice.

A Western company builds a manufacturing facility in China according to ancient principles and it attains the highest productivity of any of the company's factories worldwide. A homeowner, struggling with finances, re-positions a bathroom and his financial troubles disappear. Donald Trump swears by it.

"It" is Feng Shui (pronounced "fung shway"), an ancient Oriental method of arranging one's space to support the activities that occur there. According to Pittsburgh Feng Shui master Phillip Jannetta, "Feng Shui has to do with energy, and operates on the same principles as Oriental medicine. How objects and space are arranged changes the energy quality which is why a space has a 'feel' to it." Impede that energy — or focus it too sharply or in an inauspicious direction, and the results can be quite negative. Hence the homeowner who was literally flushing his wealth down the drain.

To illustrate the connection between Feng Shui and Oriental medicine, consider that modifications made to a space to off-set negative energy are called remedies or cures.

Western architects, developers and owners are beginning to take an interest in Feng Shui because clients are demanding it — especially Asian clients. If a building is already up, a Feng Shui master will recommend remedies to offset negative elements. If a building is in the design stage, modifications can be suggested and made more easily. Jannetta notes that, "Sometimes designers and decorators are uneasy because they think I'm in their territory, and that isn't true. I just review plans and suggest things that may be simple changes but that will greatly enhance the energy of a space."

Columns was invited to visit the home of Sumner Erickson, tuba player for the Pittsburgh Symphony Orchestra, to see the effects of Feng Shui in action. The house was designed by Sumner's father, architect Roger L. Erickson; John C.

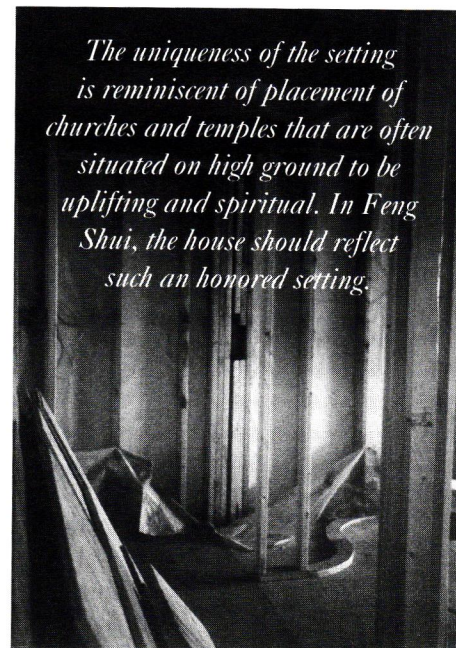
Hegnes served as contractor. Phil Jannetta served as consultant. The house sits atop Mt. Washington where it has a commanding view of the Three Rivers and Downtown Pittsburgh. From any point of view, Feng Shui or otherwise, this is clearly a powerful site. The interior is striking, harnessing fabulous views with bright color and open design. It's clearly a labor of love, very reflective of the owner and the partnership between Sumner and his father. As Sumner notes, "The house is a representation of my Dad and I — our relationship and the love we have for each other."

The first consideration for any building is the property itself — how energy flows on it, what's around it, how will the building be sited on the property? The uniqueness of the setting is reminiscent of placement of churches and temples that are often situated on high ground to be uplifting and spiritual. In Feng Shui, the house should respect such an honored setting.

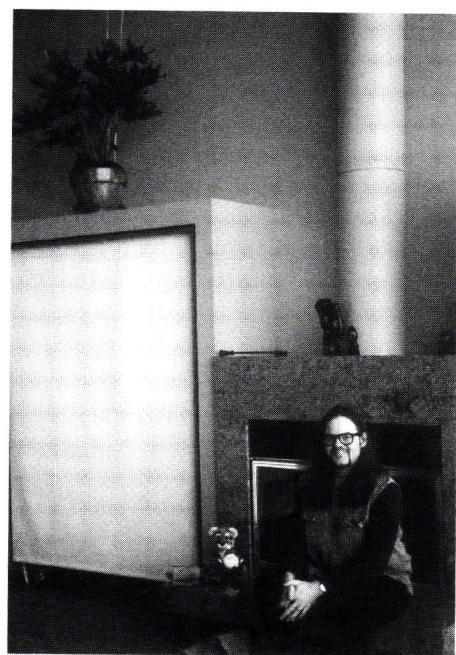
Jannetta worked with the Ericksons from the blueprint stage and recommended a series of changes starting outside where a straight sidewalk was replaced with a curved one. "You don't want straight lines," says Jannetta. "Straight lines provoke energy that's too active or aggressive. Curved lines help energy flow in a pleasing manner." The front door was moved out of alignment with the stairway so that energy would not rush out the door. The door itself represents the mouth of the house, and is how the house breathes. The door's red color was chosen to complement the north face of the house along with the energy of Sumner's birth year. Feng Shui is concerned with space, or earth; Oriental medicine is concerned with the science of human development; while astrology represents time and heaven. All three interact in making decisions.

Nine crystals representing the Star of Texas (the Ericksons hail from the Lone Star State) hang in the entry hall. Nine is the most auspicious number to the Chinese, and crys-

The uniqueness of the setting is reminiscent of placement of churches and temples that are often situated on high ground to be uplifting and spiritual. In Feng Shui, the house should reflect such an honored setting.



Curved footer for entry wall.



Sumner Erickson in his living room.

PHOTOS COURTESY SUMNER ERICKSON

tals are said to enliven a space, especially at an entrance. Moving through the entryway, walls are curved and help move the visitor along. "It's friendly," says Sumner of the curvature.

The central stair tower is a bright red, similar to Frank Lloyd Wright's Cherokee. The red is an active and uplifting color, lifting energy up. This helps to mitigate the straight lines of the tower. To offset the open stair risers that serve as energy diffusers, a green was used to support the red. Green connotes vegetation or nourishment, and helps to "nourish" this pumping up of energy. It helps to counteract the dumbwaiter that serves as an energy drop (the interior of the dumbwaiter is also painted green). A large metal floor lamp in the shape of a sunflower sits at the base of the stair tower and further helps lift energy up. From the top of the tower looking down, the red color and the glow of the lamp help diffuse what might otherwise induce vertigo.

A vent in the kitchen became an interesting detail with the duct left exposed and painted a bright red. Bulkheads are discouraged in Feng Shui as they are said to interfere with the flow of energy.

A mirror was added inside the house to reflect the water outside and help pull that energy up and into the house. Mirrors are not good in bedrooms, however.

Misplacement of plumbing seems to be a common theme in buildings. In Sumner's case, two toilets were moved from their original design placement. One was in the house's "wealth" corner, and the other was in the center of the home. In both cases, concerns about the downward flow of energy caused them to be relocated.

The living room fireplace posed a challenge. There are different kinds of energy in Feng Shui — fire, soil/earth, metal, water and tree/wood. It helps to think of things as "like" those qualities, rather than as literally the quality. For instance, something "tree-like" might be tall with a canopy. In this case, fire energy is located in an area of the house that conforms to metal, but since fire melts metal, this is not a favorable location. To mitigate this, the walls were painted yellow, plants were added and a particular color

stone was used around the fireplace. These things are associated with the earth, or soil, and that balanced the fire/metal conflict.

We visitors found it interesting to think about our own reactions to the space. We might well have come to the same conclusions, but would have undoubtedly given very different reasons. As Jannetta points out, "In Oriental cultures, you learn by feeling. Westerners learn by analyzing." And we couldn't really argue with that. Who hasn't entered an unhappy house and felt the negative energy present? And if a house can be unhappy, why can't it be happy? This one surely is. ■

Special thanks to Sumner Erickson and Phillip Jannetta. Mr. Jannetta can be reached at 412/782-5762.

The Three Cycles

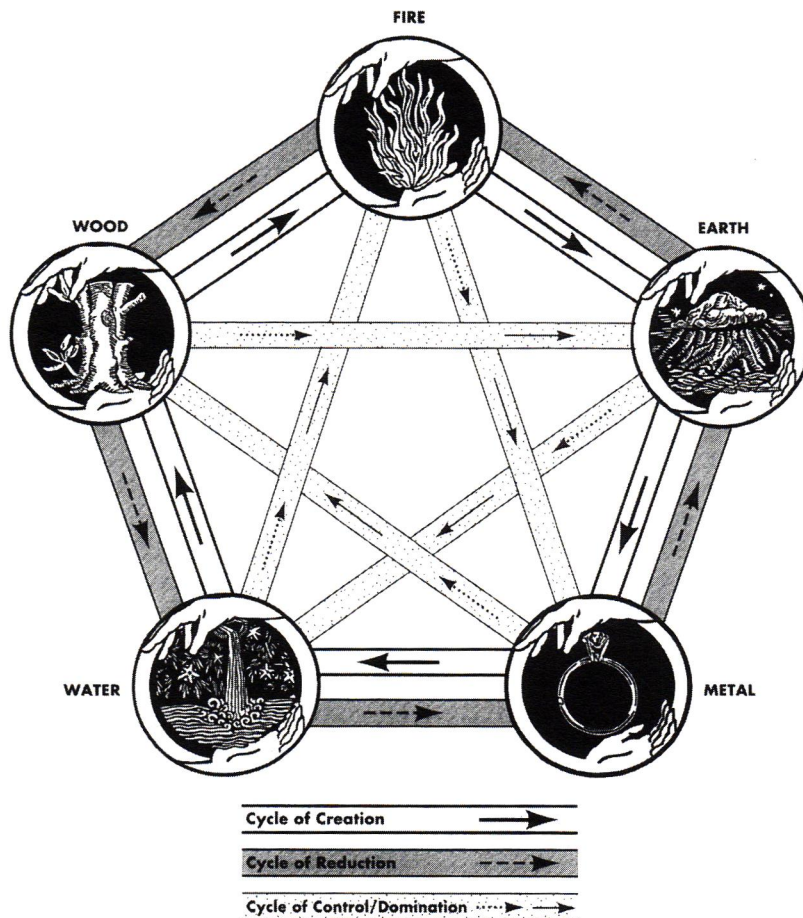


Diagram from Feng Shui by Angel Thompson, St. Martin's Griffin Press, 1996, page 183.

Sumner Erickson came to Feng Shui because it could contribute to his overall wellness. Consequently, he also incorporated a number of green building features into the house, including latex, low volatility paint; solid core doors; a central HVAC system that is part of an overall healthy house strategy; ceiling fans in every room; transoms above bedroom doors; clerestory windows in the bedroom for passive solar heating; a fan in the master closet to vent fumes from dry cleaning and also one in the garage to vent auto fumes; water storage tubes to go in the clerestory frame; planned installation of a 98% efficient pellet stove in the kitchen; and a raised fireplace to assist with ventilation. The design team focused on healthy interior materials and good insulation so that material used in the shell was less important.

AIA Continuing Education System (CES) Update

Just the FAQs, Ma'am!*

What is AIA/CES?

It is a continuing education system emphasizing learning that was developed by the AIA, which records professional learning as a mandatory requirement for architect membership. It enables the architect to keep current, master new knowledge and skills, plan for the future, and responsibly meet the role society entrusts to a professional. The AIA/CES assists architects in maintaining their competence and in achieving their professional goals.

How does it work?

Members can earn credit (learning units = LUs) by attending programs offered by AIA/CES registered providers or through self-reporting.

A. Program descriptions reported by the providers are sent to our national recording AIA/CES center in Oklahoma prior to the event. Upon the completion of the program, providers then verify and report the attendance of those AIA members participating in the event. Due to the variation of reporting dates and the increasing number of state licensing requirements, AIA now requests that the providers submit attendance records within 14 days of the program conclusion. Programs vary from chapter meetings to in-firm lunch programs to weekend conferences by manufacturers, universities, etc. Faxing attendance verification from a program site is most preferable.

B. Self-reported activities must now indicate either:

1. Self-Designed Activity, the learning activity is self-designed and frequently involves more than one type of medium or method such as reading, viewing videos, and using CD-ROMS. To determine what qualifies for self-reporting ask yourself the following questions: (a) Is this a planned learning activity? (b) Is this activity intended to be educational or operational? (c) Is this new knowledge for you or are you sharing your knowledge with others? (d) How will you apply this new knowledge to your practice? This method is not acceptable for health, safety, and welfare (HSW) credit. (Recommended minimum of three hours,) or

2. Structured Self-Reported Program, this is a structured activity offered by a formal organized non-AIA registered provider. Documentation of attendance/participation will often be required as supplement when reporting this activity as a state licensure requirement.

Select the appropriate format of the learning activity and return the completed preprinted form so that the data can be entered into your individual transcript. Members calculate LUs for self-reported study by multiplying the number of hours spent in architecture-related learning by the quality of the activity.

To qualify for self-reporting ask yourself: Is this a planned activity? Is this activity intended as educational or operational? Is this new knowledge for you or are you sharing it with others? To be eligible for credit the activity must be planned, educational, and new knowledge for you. And finally, how will you apply this new knowledge to your practice of architecture? All self-report forms should be sent to the AIA/CES office at the University of Oklahoma.

What is a quality level?

The quality level is a tool that the AIA uses to increase the actual learning that occurs during a program. The system has been designed as an incentive to the provider and the participant to increase the interaction that takes place and involves the participant in the learning. Members earn LUs not only based on the length of the program of activity (seat time) but also based on its educational quality level. The three levels defined by the CES are as follows:

Level 1 (passive) learning is any appropriate activity that has a professional purpose and professional resources, including, but certainly not limited to, reading, product analysis, and lecture attendance. (50-minute minimum)

Level 2 (interactive) learning includes Level 1 and provides significant opportunities for participants to interact with each other and the learning resources (example: roundtable discussion groups). (50-minute minimum)

Level 3 includes Level 2 and incorporates measurements and feedback concerning the learning progress of participants. (2-hour minimum)

Any combination of Level 1, 2, and 3 programs is valid to meet the 36 LU requirements. (i.e., the 36 LUs may be achieved by 36 hours of Level 1 activities, 18 hours of Level 2, 12 hours of Level 3, or any combination in between.)

What kind of time frame?

1997 was the final year of the AIA transition start-up.

Members had until December 31, 1997, to earn 36 LUs. Beginning in 1998, members are required to earn 36 LUs each calendar year.

1998 CES PROGRAMS TO HAVE HSW FOCUS

As approved by the AIA Board in December 1995, AIA now requires eight (8) contact hours of the basic LU requirement be earned in the area of health, safety, and welfare, which is defined as those issues addressed by the Architecture Registration Examination (ARE). Health, safety, and welfare in architecture are hereafter defined as anything that relates to the structure or soundness of a building site. This requirement is based on states having the power to grant professional licensure as a means of protecting the life, safety, and welfare of the public.

WHAT IS THE RELATION BETWEEN HSW AND STATE MANDATORY-CONTINUING-EDUCATION REQUIREMENTS (MCE)?

Both the AIA and state licensing boards base their programs on the contact hour. Except for Kansas, all states are requiring eight contact hours of HSW for their MCE. The AIA modified its requirement January 1996 and now requires eight contact hours of HSW from a structured provider and reports this in the contact hour format. Some states allow some forms of self-reporting. Due to the quality assurance issues posed by the states, the AIA no longer accepts self-designed reporting for HSW credit.

For members self-reporting and for AIA/CES registered providers, it has become very important that you clearly report all HSW programs and activities. The failure to do so could result in architects losing their licenses for noncompliance of state license requirement. Most AIA architects hold four or more state licenses. This means that they are concerned about states other than the one where they take the program.

What if I don't earn enough LUs or earn more than required?

Members who do not earn 36 LUs in one year's cycle may make it up the following year in addition to that year's requirements. If after the second year the total number of required LUs and HSWs has not been met, membership standing will be reviewed, similar to nonpayment of dues. If a member earns more than 36 LUs in a cycle, the additional LUs may be applied to the following year's requirements (up to 36 additional LUs maximum).

How are records kept and how may they be accessed?

The AIA/CES has incorporated an automated record-keeping and transcript service provided under contract by the College of Continuing Education at the University of Oklahoma:

The University of Oklahoma
Continuing Education, AIA/CES, Room B-1
1700 Asp Avenue, Norman, OK 73072
Information line: 800/ 605-8229
Fax: (405) 325-6965

You may request information in writing, by phone, or fax. Major services include maintenance of individual members' continuing education activities and information support about CES for members and providers. Transcripts will be mailed each October to every AIA member with CES activities during the calendar year. Individual transcript records are now posted daily on AIAOnline/e-Architect via the worldwide web, found under Continuing Ed and available to each member by using his or her member number. (Name and addresses are not listed for privacy reasons.)

In lieu of AIAOnline, an additional hard copy of the transcript can be faxed or mailed to a member for a \$10 fee per copy.

How else can the Internet and AIAOnline help with CES?

Members and AIA/CES registered providers can now access AIAOnline/e-Architect through the Internet at (www.e-architect.com). In addition to transcript information, the new service provides information about registered providers and available programs. Through e-Architect you can search for programs by using any keywords desired. Under "CES Programs," programs may be found by date, title, and location. Under "Provider List" updated lists and points of contact are

available about registered providers. Under "CES Forms" providers can enter online programs using their provider numbers and members can Self Report programs.

What types of educational activities will AIA members engage in under the CES?

Since AIA began record keeping in 1994, 93 percent of members have chosen formal learning activities such as seminars, workshops, brown-bag sessions, conferences, university courses, AIA and CSI educational chapter meetings, structured tours, etc. Special pre-selected articles from *Architectural Record* qualify for limited credit. This model has been adapted from the medical and accounting professions with articles that are previewed to meet AIA/CES standards, with learning objectives and self-reviewed test questions incorporated within the article. Educational programs taken by members through AIA/CES registered providers will have their activities reported for them by the provider. Another 7 percent of the AIA membership prefer less traditional research-oriented methods such as audio- and videocassettes, self-study courses, and computer-aided learning. Some architects pursue self-designed learning projects using a variety of resources determined by the learner. Architects who take programs through organizations not registered with the AIA will have to self-report those activities as a structured self-reported program.

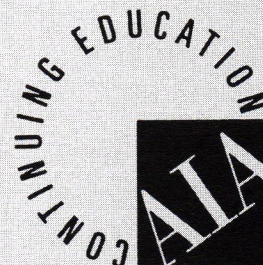
How will quality be maintained?

Quality control is based on audit reviews of member and provider reports. Quality standards are based on a specific set of elements that research has shown to contribute to effective educational activities. During the review, program content will be matched to learning objectives. Reviewers look at both the program content and the recording process. Subject matter experts are called upon to confirm program content.

Where can I get help?

Assistance may be obtained from both the national AIA and the Chapter. The hotline number is (202) 879-3089 or contact:

Thom Lowther, Director, CES
Phone: (202) 626-7436
Email: lowthert@aiaemail.aia.org
Fax: (202) 626-7518.



As approved by the AIA Board in December 1995, AIA now requires eight (8) contact hours of the basic LU requirement be earned in the area of health, safety, and welfare, which is defined as those issues addressed by the Architecture Registration Examination (ARE).

Ways to Achieve your Annual 36 LU's

Take a computer course? Record it!

- Attend an AIA chapter or CSI educational chapter meeting. Find CSI Chapters listed under Affiliates in Provider Info. Read a special, preselected article from *Architectural Record*. Look for programs to bring into your office under CES Programs. Teaching? Record time you'll spend researching new knowledge to prepare for a presentation.
- On the road traveling or touring? Report your architectural learning opportunities.
- Researching codes or specifications for a new project? Report the time spent on gaining new knowledge.
- Attend a Professional Interest Area (PIA) conference. Use Architects Learning Source educational products or materials. Serving on a committee? Record time spent gathering new knowledge.
- Attend AIA national, state, or regional conventions. Check out the AIA National Calendar. Complete an NCARB monograph and test. Look for registered provider programs under CES Programs.
- Record these activities on an AIA/CES Self-Report form.

From the Firms

→ **Renaissance 3 Architects** recently completed the headquarters renovations for ARC Allegheny that resulted in relocating a 38,000 sq. ft. facility on the South Side. **Robert P. Murray, AIA**, was principal in charge of the project. The firm also recently completed a headquarters facility for SEEC, Inc., a software consulting firm, in the R.I.D.C. Park West. Principal in charge of that project was **Deepak Wadhvani, AIA**.

Business Briefs

→ **Johnson/Schmidt and Associates** announces the following administrative promotions: **James V. Eckles, AIA**, is promoted to Executive Vice President; M. Timothy Lawler, Ph.D., PE, Senior Vice President and Director of Engineering is appointed to the office of Treasurer; and **Edward A. Shriver, AIA**, is named Senior Vice President, Operations, and Corporate Secretary. These three men have been leaders in the firm for more than ten years and reflect J/SA's commitment to excellence in architecture, engineering, and client service.

J/SA also announces the addition of Michael McDonnell, Intern Architect, James A. McCrea, Electrical Engineering, and Arkady Proekt, Mechanical Engineering.

The Hayes Design Group, Architects welcomes **Kevin S. Dietrich, AIA** and **Peter F. Szymanski, Associate AIA**, to their design team.

Laura Nettleton, AIA and Michael Whartnaby have joined **Perkins Eastman Architects** as project architects; Lori Miller is Director of Marketing.

Robert C. Grove, AIA was named Senior Associate of **Ross Bianco Architects (RBA)**. He is recognized for his work on the design and development of the Chanticleer Condominiums and the Main Street-New Town Development in Voorhees, New Jersey. His book on architectural history of the Trinity Episcopal Cathedral is scheduled to be published this year. Paul Clayton Hoge also joined **RBA** as a CAD operator.

Harold F. Neigh recently retired after more than 30 years as a construction administrator with **Burt Hill Kosar Rittelmann Associates**.

IKM Incorporated, architect, and Med-Builders, general contractor, have completed a linear accelerator vault retrofit at Allegheny General Hospital.

Kudos

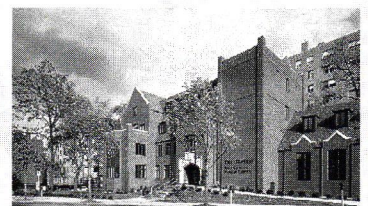
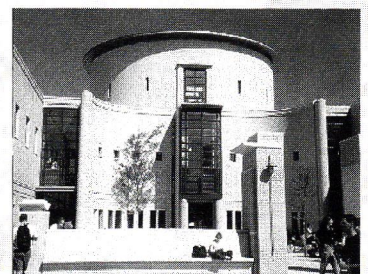
→ Congratulations to the following firms recognized by the Master Builders' Association in their 1997 Building Excellence Awards. The winner in the under \$5 million category was **Damianos + Anthony** for the Point Park College Library Center, Dick Cor-

poration, contractor. The winner in the \$5 million + category was **STUDIO Architecture/Perfido Weiskopf Architects** for FORE Systems corporate headquarters, Mascaro Construction Company, L.P., contractor. Winner for "excellence in craftsmanship" was **Ross Schonder Sterzinger Cupcheck, P.C.**, DiCicco Contracting Corporation, contractor. The most interesting finalist was Turner Construction Company's 500 Wood Street Implosion, an event that many of us had the great fun of witnessing last spring.

Thanks largely to restoration/renovation designs by **WTW Architects** for the William Pitt Union, the University of Pittsburgh has been named one of the winners of the 1997 Case Study Award from the Association of University Architects. According to University Architect **Deborah Rouse, AIA**, even after almost 15 years since the Union opened, "Quality materials, good design and careful maintenance have paid off: the building still looks new."

Perkins Eastman Architects, P.C. won three awards from the National Council on Seniors Housing of the National Association of Home Builders "Best of Seniors' Housing Awards" competition. Weinberg Terrace, located in Squirrel Hill, won the Gold Seal Award in the Mixed Use category.

Several AIA Pittsburgh members recently received "Golden Trowels" honoring outstanding achievement in masonry design and construction awarded by the International Masonry Institute. Grand Prize and Craftsmanship Award went to **Michael Dennis & Associates/UDA Architects** Joint Venture for The University Center at CMU, masonry work by Franco Masonry. **David J. Vater, AIA** won top honors in the category of institutional/religious work for the Pittsburgh Oratory's Ryan Newman Center (Harris Masonry, Inc.). **WTW Architects** won for the North Garage Transportation Center in Mt. Lebanon in the commercial/retail category (Franco Masonry). **Crowner/King ARCHITECTS** were recognized for the renovation and expansion of downtown Erie's Marquette Savings Bank (J. William Pustalek Masonry), while **L. D. Astorino & Associates** garnered a special stone award for their use of granite and terrazzo stone on the Pittsburgh Municipal Courts Building (Harris Masonry).

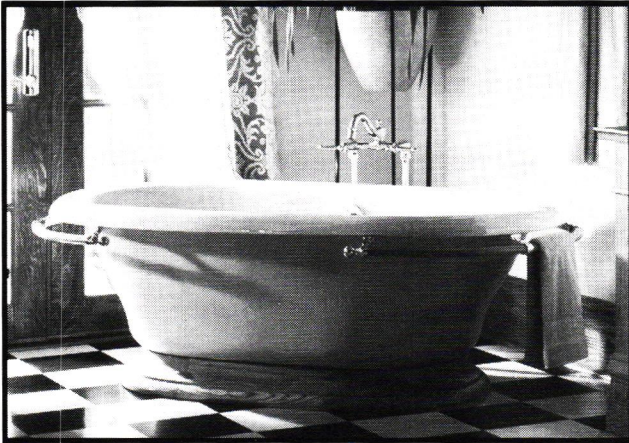


TOP: The University Center at CMU
BOTTOM: Pittsburgh Oratory's Ryan Newman Center

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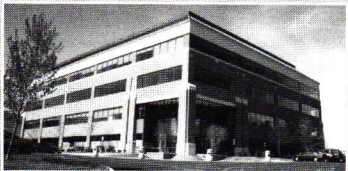
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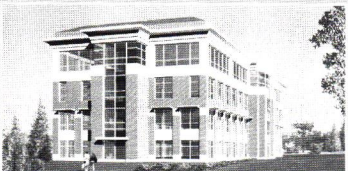
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A201-1997	General Conditions of the Contract for Construction
A701-1997	Instructions to Bidders
A401-1997	Contractor-Subcontractor Agreement
B141-1997	Owner-Architect Agreement
B151-1997	Abbreviated Owner-Architect Agreement
C141-1997	Architect-Consultant Agreement
C142-1997	Abbreviated Architect-Consultant Agreement



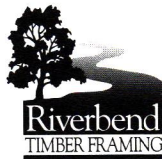
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C A L E N D A R

AIA ACTIVITIES

April 7, Tuesday

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

April 8, Wednesday

Architrave Fundraising Committee Meeting, at 8:30 a.m. at the Chapter office. Information: Traci McGavitt (724) 935-8800.

Professional Development Committee Meeting, noon at the Chapter office, Scott Keener, AIA, 391-3086.

April 10, Friday

Committee on the Environment, noon at the Chapter office, Gary Moshier, AIA, 231-1500.

April 13, — May 1

Fitz Awards for the Advancement of Women Art Exhibit, featuring work by Jill Jensen, Carole Werder and Marjorie Shipe. The exhibit is sponsored by the Greater Pittsburgh Commission for Women. Reception April 13, from 5-7 p.m., free and open to the public.

April 14, Tuesday

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

April 16, Thursday

Legislative Committee, noon at the Chapter office, Chuck Coltharp, AIA, 231-1500.

April 27, Monday

Member Meeting, at FORE Systems' new headquarters at 6 p.m. See page 26 for more information.

April 29, Wednesday

AIA/MBA Committee Meeting, 6 p.m. at Building & Industry Center, 922-3912.

May 29, Friday

Architrave's Second Annual Golf Outing, 10 a.m. — 5 p.m. Cost: \$100/person, \$400/foursome, includes lunch buffet. Information: Traci McGavitt (724) 935-8800.

AROUND TOWN

April 2, Thursday

Lecture by Deepak Wadhvani, AIA on his design for the Indian Nationality Room in the University of Pittsburgh's Cathedral of Learning, followed by a tour of the exhibition *An Architecture of Independence: The Making of Modernity in South Asia*, 10:30 a.m. — 1:45 p.m., Carnegie Museum of Art Theater. For cost and reservations call 622-3288. The exhibit runs through July 19.

April 14, Tuesday

CSI Meeting, Design Build: A Mainstream Project Delivery Method, 6 p.m. Cost: \$20. Earn 2 LUs. Information: 823-5063.

April 15, Wednesday

SMPS Meeting at 11:30 a.m. Information: Paul Messineo, 823-2020.

April 21, Tuesday

Learn about the **Boston Central Artery Project**, 12 noon. Sponsored by Engineers' Society of W. PA. Information: 261-0710, ext. 15.

April 22, Wednesday

Historic House and Landscape Preservation Symposium, sponsored by PHLF, 9 a.m. — 12:30 p.m. at the Carnegie Museum of Art theater. Information 471-5808.

April 26, Sunday

Donald Miller, art and architecture critic of the Pittsburgh Post-Gazette will be giving a lecture on his new book, *The Architecture of Benno Janssen* at 7:30 p.m. at the University Club, 123 University Place, Oakland, no charge. There will also be an optional dinner buffet from 5:30 — 7:30 p.m. at \$8.95 per person. 263-1575.

April 29, Wednesday

St. Francis Hospital Control Plant Facility Tour, 6 p.m. Sponsored by Engineers' Society of W. PA. Information: 261-0170, ext. 15.

May 16, Saturday

Paradise Loft — PUMP's Urban Living Tour, 11 a.m. — 3 p.m., visits projects currently underway in downtown and the Strip District. Information: Jeff DeNinno, AIA, 231-5230.

CONTRACTORS' DIRECTORY

A LISTING OF AREA CONTRACTORS AND THEIR PROFESSIONAL SERVICES. To include your firm in this directory, call Tom Lavelle at 882-3410.

■ AIC, INC.

128 Hanover Street, Carnegie, PA 15106
PHONE: 276-7577 FAX: 276-7578
CONTACT: Robert A. Ardolino

*Commercial / Construction management
General / Interior / Renovations*

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1300 Brighton Road, Pittsburgh, PA 15233
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CONTACT: Paul R. Bridges

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717 Millers Run Road, McDonald, PA 15057
PHONE: 221-7144 FAX: 257-4456
CONTACT: Jim Bunn

*Commercial / Construction management
Industrial / General*

■ BURCHICK CONSTRUCTION CO., INC.*

500 Lowries Run Road, Pittsburgh, PA 15237
PHONE: 369-9700 FAX: 369-9991
CONTACT: Joseph E. Burchick

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■ BURNS & SCALO ROOFING CO., INC.

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■ DiCICCO CONTRACTING CORPORATION*

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PHONE: 262-3540 FAX: 269-6699
CONTACT: Samuel E. DiCicco

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■ DICK CORPORATION*

P.O. Box 10896, Pittsburgh, PA 15236
PHONE: 384-1320 FAX: 384-1215
CONTACT: John R. Bonassi

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Renovations*

■ P.J. DICK INCORPORATED*

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CONTACT: Charles S. Pryor

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■ FLYNN CONSTRUCTION, INC.

610 Ross Avenue, Wilkinsburg, PA 15221
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CONTACT: Thomas O'Connor

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15 Arentzen Blvd., Charleroi, PA 15022
PHONE: 483-1600 FAX: 483-0990
CONTACT: Donald Ivill

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122 Kerr Road, New Kensington, PA 15068
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CONTACT: Morgan Kronk

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CONTACT: Angelo Martini, Sr.

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■ MOSITES CONSTRUCTION COMPANY*

4839 Campbells Run Road, Pittsburgh, PA 15205
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CONTACT: M. Dean Mosites

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■ NELLO CONSTRUCTION COMPANY*

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PHONE: 276-0010 FAX: 276-8123
CONTACT: Janet Torriero

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Renovations*

■ PDG ENVIRONMENTAL, INC.*

102 Technology Drive, Export, PA 15632
PHONE: 325-1449 FAX: 327-3717
CONTACT: Shawn P. Regan

Asbestos abatement contractor

■ REPAL CONSTRUCTION CO., INC.

2400 Ardmore Blvd., Suite 400,
Pittsburgh, PA 15221
PHONE: 271-3700 FAX: 271-3866
CONTACT: Bill Palmer, Jr.

*Commercial / Construction management
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Renovations / Residential*

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TEDCO Place, Carnegie, PA 15106
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CONTACT: Beth Cheberenckick

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Carnegie, PA 15106
PHONE: 276-2755 FAX: 276-7985
CONTACT: Gary Dickinson

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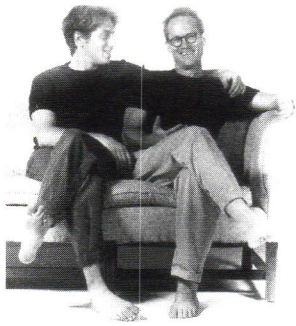
■ WJG CONTRACTING, INC.

P.O. Box 4286, Pittsburgh, PA 15203-0286
PHONE: 381-7098 FAX: 381-7698
CONTACT: William J. Gormley, Jr.

*Commercial / Construction management
Exterior / General / Interior / Renovations*

Dutch McDonald, AIA and Gary Carlough, AIA

(Double) *EDGE Architecture*



LEFT: Dutch MacDonald, AIA
RIGHT: Gary Carlough, AIA

DUTCH MACDONALD, AIA

FAMILY: Becky Mingo, my wife; Xander, my dog; Sydney +Louie, my cats.

YEARS IN PRACTICE: 8

EDUCATION: Carnegie Mellon University, Ecole Polytechnic Federale, Lausanne, Switzerland.

FIRST JOB: delivering 23 newspapers over 8 miles.

PROJECT YOU'RE PROUDEST OF: my film, "Cat in the Hole," filmmakers lost it, has anyone seen it?

MOST EMBARRASSING PROJECT/MOMENT: something that happened in Catholic school...

BUILDING YOU WISH YOU HAD DESIGNED: the sets for "The City of the Lost Children."

BUILDING YOU'D LIKE TO TEAR DOWN: who am I to judge?

IF YOU HADN'T BEEN AN ARCHITECT, WHAT WOULD YOU HAVE BEEN? a filmmaker.

IF SOMEONE MADE A MOVIE OF YOUR LIFE, WHO WOULD PLAY YOU? River Phoenix, but he's dead.

IF YOU COULD LIVE ANYWHERE IN THE WORLD, WHERE? Southern Rhone valley of France, home of the headiest red wines in the world.

WHAT'S THE BEST PART OF YOUR JOB? the commute.

WHAT HAVE YOU ALWAYS WANTED TO TELL YOUR CLIENTS? I've already told them.

WHAT'S THE MOST ANNOYING THING ARCHITECTS DO? talk about architecture at parties, dinners, and other social events.

ADVICE TO YOUNG ARCHITECTS: it's a bittersweet symphony.

FAVORITE BUILDING: depends on where I am.

FAVORITE CITY: Barcelona.

FAVORITE ARCHITECT: Clark & Menefee; Furnau & Hartman

FAVORITE ARCHITECTURE BOOK: *Dice Thrown*.

FAVORITE PITTSBURGH NEIGHBORHOOD: Friendship.

MOST ARCHITECTURALLY APPEALING RESTAURANT IN PITTSBURGH: The Grill Room of 1902.

BEST GIFT TO GIVE AN ARCHITECT: the means to travel more.

WISH LIST FOR PITTSBURGH/DOWNTOWN: comprehensive light rail transit (not just lines to the burbs).

WHAT'S THE NEXT BIG ARCHITECTURAL TREND? provisional architecture.

SOMEDAY I'D LIKE TO: make a film of a Lewis "Buddy" Nordan book and play in a piano bar.

I WANT TO BE REMEMBERED FOR: playing a role in introducing loft housing to Downtown Pittsburgh.

PEOPLE WOULD BE SURPRISED TO KNOW THAT: I grew up in a trailer park (12' x 60').

THE SECRET TO MY SUCCESS IS: personal diplomacy.

I BELONG TO AIA BECAUSE: Gloria made me do it.

GARY CARLOUGH, AIA

FAMILY: 2 sons in high school, Todd and Hall; 2 cats at home, Apollo and Dionesus.

YEARS IN PRACTICE: 19.

EDUCATION: University of Arizona.

FIRST JOB: re-lining the "cupola"/iron furnace in an ingot mold foundry — "hot stuff".

PROJECT YOU'RE PROUDEST OF: my sons.

MOST EMBARRASSING PROJECT/MOMENT: something that happened in Catholic school...

BUILDING YOU WISH YOU HAD DESIGNED: Tatlin's Tower.

IF YOU HADN'T BEEN AN ARCHITECT, WHAT WOULD YOU HAVE BEEN? in a rock and roll band.

IF SOMEONE MADE A MOVIE OF YOUR LIFE, WHO WOULD PLAY YOU? Harvey Keitel.

IF YOU COULD LIVE ANYWHERE IN THE WORLD, WHERE? Bellagio, Italy on Lake Como.

WHAT'S THE BEST PART OF YOUR JOB? making things.

WHAT HAVE YOU ALWAYS WANTED TO TELL YOUR CLIENTS? trust your architect.

WHAT'S THE MOST ANNOYING THING ARCHITECTS DO? They feel they know what's best in all situations.

ADVICE TO YOUNG ARCHITECTS: Compromise without selling short your values or your visions.

THE ONE THING YOU WISH THEY'D TEACH IN SCHOOL IS: cultural studies.

FAVORITE INTERIOR: the Holodeck.

FAVORITE CITY: Rome.

FAVORITE ARCHITECT: Bernard Tschumi (his writing).

FAVORITE ARCHITECTURE BOOK: *Questions and Space*.

FAVORITE PITTSBURGH NEIGHBORHOOD: Friendship.

MOST ARCHITECTURALLY APPEALING RESTAURANT IN PITTSBURGH: Charlie's Diner.

BEST GIFT TO GIVE AN ARCHITECT: books on photography.

WISH LIST FOR PITTSBURGH/DOWNTOWN: people after 5 p.m.

WHAT'S THE NEXT BIG ARCHITECTURAL TREND? futurism/ mutant materials.

SOMEDAY I'D LIKE TO: ride my Harley and wash dishes.

I WANT TO BE REMEMBERED FOR: making a connection between theory and practice.

PEOPLE WOULD BE SURPRISED TO KNOW THAT: I'm 46 years old.

THE SECRET TO MY SUCCESS IS: my angst.

I BELONG TO AIA BECAUSE: I'm going bald.

ENGINEERS' DIRECTORY

A LISTING OF AREA ENGINEERS AND THEIR PROFESSIONAL SERVICES. To include your firm in this directory, call Tom Lavelle at 882-3410.

■ ALMES & ASSOCIATES, INC.

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Export, PA 15632
PHONE: 327-5200 FAX: 327-5280
CONTACT: Blaise E. Genes
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■ ASTORINO BRANCH ENGINEERS, INC.

227 Fort Pitt Boulevard, Pittsburgh, PA 15222
PHONE: 765-1700 FAX: 471-5726
CONTACT: Patrick I. Branch, P.E.
**Civil / Consulting / Electrical
Environmental / Mechanical / Structural**

■ BRACE ENGINEERING, INC.

3440 Babcock Boulevard, Box 15128
Pittsburgh, PA 15237
PHONE: 367-7700 FAX: 367-8177
CONTACT: Frank C. Brace
Structural

■ BURT HILL KOSAR RITTELMANN ASSOCIATES

400 Morgan Center, Butler, PA 16001
PHONE: 285-4761 FAX: 285-6815
CONTACT: David R. Linamen, P.E.
Electrical / Mechanical

■ BURT HILL KOSAR RITTELMANN ASSOCIATES

650 Smithfield Street, Pittsburgh, PA 15222
PHONE: 394-7000 FAX: 394-7880
CONTACT: Don Rimer
**Construction / Consulting / Electrical
Mechanical**

■ CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

601 Holiday Drive, Foster Plaza 3
Pittsburgh, PA 15220
PHONE: 921-3402 FAX: 921-1815
CONTACT: Gregory P. Quatchak, P.E.
**Testing & Inspection / Civil / Construction
Consulting / Environmental / Geotechnical**

■ CLAITMAN ENGINEERING ASSOC., INC.

1340 Old Freeport Road, Pittsburgh, PA 15238
PHONE: 963-6700 FAX: 963-7217
CONTACT: Robert Rosenthal
Consulting / Mechanical

■ CONWAY ENGINEERING

Investment Building
235 4th Avenue, Suite 1408
Pittsburgh, PA 15222
PHONE: 765-0988 FAX: 765-2530
CONTACT: Bob Conway
Consulting / Structural

■ DODSON ENGINEERING, INC.

420 One Chatham Center, Pittsburgh, PA 15219
PHONE: 261-6515 FAX: 261-6527
CONTACT: Herbert J. Brankley, P.E.,
Gregory L. Calabria
Consulting / Mechanical

■ ELWOOD S. TOWER CORPORATION

8150 Perry Highway, Suite 319,
Pittsburgh, PA 15237
PHONE: 369-7777 FAX: 364-8115
CONTACT: David E. Tower
**Consulting / Electrical / Mechanical
Telecommunications**

■ ENGINEERING MECHANICS, INC.

4636 Campbells Run Road, Pittsburgh, PA 15205
PHONE: 923-1950 FAX: 787-5891
CONTACT: Daniel Grieco, Jr., P.E.
**Testing & Inspection / Geotechnical
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Blasting Vibrations**

■ FIRSCHING, RUSBARKY AND WOLF ENGINEERING, INC.

4240 Greensburg Pike, Pittsburgh, PA 15221
PHONE: 271-5090 FAX: 271-5193
CONTACT: Daniel J. Wolf / David D. Rusbarsky
Consulting / Mechanical

■ FOREMAN ARCHITECTS ENGINEERS, INC.

P.O. Box 189, Zelienople, PA 16063
PHONE: 724-452-9690 FAX: 724-452-0136
CONTACT: Jennifer Spurdute
**Civil / Consulting / Electrical / Mechanical
Structural**

■ THE GATEWAY ENGINEERS, INC.

1011 Alcon Street, Pittsburgh, PA 15220
Pittsburgh, PA 15239
PHONE: 921-4030 FAX: 921-9960
CONTACT: Ruthann L. Omer, P.E., President
Civil

■ GIPSON ENGINEERING

122 Kerr Road, P.O. Box 14359
Pittsburgh, PA 15239
PHONE: 339-2911 FAX: 339-8814
CONTACT: Stephen R. Gipson, P.E.
**Consulting / Electrical / Mechanical
Structural**

■ HORNFECK ENGINEERING, INC.

1020 North Canal Street, Pittsburgh, PA 15215
PHONE: 781-1500 FAX: 781-5593
CONTACT: Richard W. Petrie, P.E.
**Consulting / Electrical / Instrumentation
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■ L. ROBERT KIMBALL & ASSOCIATES

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Moon Township, PA 15108
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CONTACT: Thomas L. Blank, CIH, CSP
Joseph F. Moon, PE
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Lead Based Paint Management
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Civil / Site / Structural**

■ KONEFAL & COMPANY, INC.

1108 South Braddock Avenue,
Pittsburgh, PA 15218
PHONE: 244-5044 FAX: 244-5045
CONTACT: Stephan V. Konetal, P.E.
Structural

■ LLI TECHNOLOGIES DESIGN GROUP

806 Penn Avenue, Pittsburgh, PA 15222
PHONE: 338-0700 FAX: 338-0701
CONTACT: Charles P. Haynes
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Mechanical / Telecommunications
Structural**

■ LENNON, SMITH, SOULERET ENGINEERING, INC.

846 Fourth Avenue
Corapolis, PA 15108
PHONE: 264-4400 FAX: 264-1200
CONTACT: Daniel S. Gilligan
Civil / Consulting / Environmental

■ PETER F. LOFTUS DIVISION

Eichleay Engineers Inc., 6585 Penn Avenue
Pittsburgh, PA 15206-4407
PHONE: 363-9000 FAX: 365-3304
CONTACT: Glenn Avick
**Civil / Consulting / Electrical / Mechanical
Structural / Telecommunications
Fire Detection & Protection**

■ MAZZA ENGINEERING ASSOCIATES, INC.

236 Center Grange Road, Aliquippa, PA 15001
PHONE: 728-8110 FAX: 728-8559
CONTACT: Jacqueline K. Mazza
**Civil / Consulting / Mechanical / Structural
Transportation**

■ MEUCCI ENGINEERING, INC.

409 Elk Avenue, Carnegie PA 15106
PHONE: 276-8844 FAX: 276-2960
CONTACT: James B. Fath, P.E.
Consulting / Electrical / Mechanical

■ MURRAY ASSOCIATES, INC.

413 Penn Avenue, Turtle Creek, PA 15145
PHONE: 823-2020 FAX: 824-7302
CONTACT: Paul J. Messineo, Jr.
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■ POLYTECH, INC.

Three Gateway Center, 12th Floor, East Wing
Pittsburgh, PA 15222
PHONE: 995-1300 FAX: 995-1306
CONTACT: Michael C. Moore
**Civil / Consulting / Electrical
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Construction Management**

■ RCF ENGINEERS, INC.

Fourth Floor, 209 Sandusky Street
Pittsburgh, PA 15212
PHONE: 231-5500 FAX: 231-6427
CONTACT: Mark S. Wolfgang, P.E., President
**Testing & Inspection / Consulting
Electrical / Environmental / Mechanical
Telecommunications**

■ SAI CONSULTING ENGINEERS, INC.

300 Sixth Avenue, Pittsburgh, PA 15222-2571
PHONE: 392-8750 FAX: 392-8785
CONTACT: Walter S. Krasneski, Jr.
**Testing & Inspection / Civil / Consulting
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■ SE TECHNOLOGIES, INC.

98 Vanadium Road, Bridgeville, PA 15017
PHONE: 221-1100 FAX: 257-6103
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Lower Burrell, PA

THE MASTER BUILDERS ASSOCIATION OF WESTERN PENNSYLVANIA (MBA)

AIA/MBA Joint Committee

Issues Recommendation On Retained Percentage

The AIA/MBA Joint Committee recently revised its recommended construction practice for retained percentage, providing four assessment options to owners.

The Joint Committee recommends that through one of four new proposed methods, the retained percentage on any project not be more than five percent (5%) at substantial completion/prior to punchlist.

For a complimentary copy of the AIA/MBA Yellow Book, contact Jack Ramage at (412) 922-3912 or review the publication in its entirety by visiting the AIA/MBA Joint Committee Website at: www.mbawpa.org/AIA-MBA

WESTERN
PENNSYLVANIA
CHAPTER OF



GENERAL SERVICES DIRECTORY

A LISTING OF AREA BUSINESSES AND THEIR PROFESSIONAL SERVICES. To include your firm in this directory, call Tom Lavelle at 882-3410.

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www.reproresource.com.
CONTACT: John J. Dziak
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HVAC

■ CLIMATECH, INC.

P.O. Box 367, Bridgeville, PA 15017
PHONE: 221-3844 FAX: 221-7786
CONTACT: Mitch Taback
HVAC design & budget pricing, System evaluation, Consultation, Installation, Emergency service, Repair, Air balancing, Comfort & energy enhancements, Commercial, Industrial, Residential

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■ WORKSCAPE, INC.

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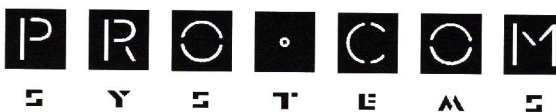
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Upcoming Issues

MAY: Interns and Young Architects Speak Out
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April Member Meeting

FORE SYSTEMS, INC. TOUR • MONDAY, APRIL 27

Tour of FORE Systems' new headquarters, led by William Bates, AIA, FORE's Director of Real Estate and Corporate Services. Following the tour there will be refreshments and a member meeting. The tour begins at 6 p.m. at the entrance of Building Three (there is free visitor parking).

DIRECTIONS: from Pittsburgh take I-279 N/I-79 N. Take exit 23, Warrendale. At the end of the ramp turn left onto red belt. Make first right onto Bush Creek Road. Turn left at first stop light. FORE is located at the top of the hill. **COST:** \$5 for students, \$20 for members, \$25 for all others.

RSVP: no later than April 23rd to the Chapter office at 471-9548.

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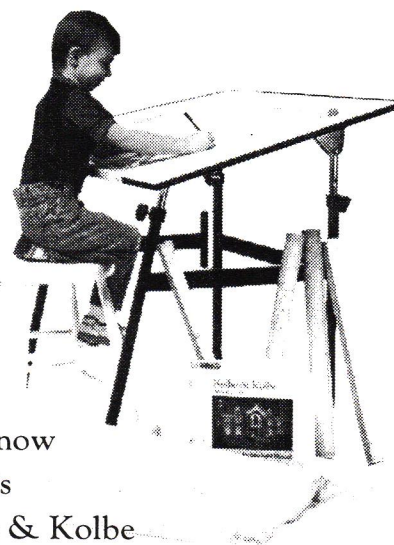
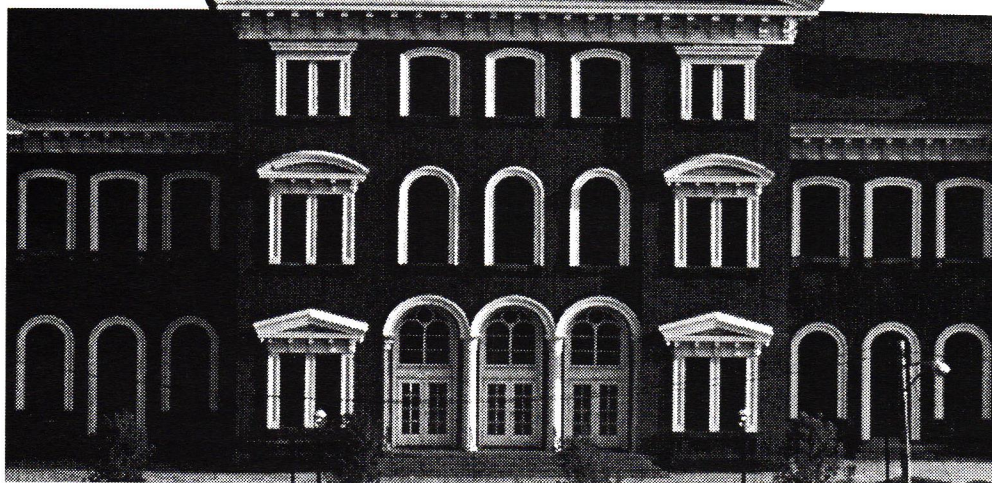
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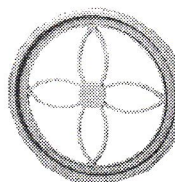
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