John Deklewa & Sons, Inc. has made its mark as one of the premier general contractors in the Western Pennsylvania construction industry by being attentive to detail. Since the company's founding in 1918 by John Deklewa Sr., the firm has engaged in most types of construction activity. From building construction, water and waste treatment facilities to high-end residential and fine millwork installation. Deklewa applies state of the art construction technique and a sense of fine craftsmanship.

Everyone at John Deklewa & Sons, Inc. is proud of its 75 year history and of their rock solid reputation as a provider of quality service and materials.

JOHN DEKLEWA & SONS, INC.
1273 Washington Pike • P.O. Box 158 • Bridgeville, PA 15017 • (412) 257-9000
GENERAL CONTRACTORS BUILDING SUCCESS
PSA: Angels for Architecture by Maureen Guttmann, AIA President

Survey after survey from the AIA national and local components show that the most important activity of our professional organization is to monitor and positively affect legislative issues. As many of these issues are in the hands of state governments, we tend to rely on our state components to monitor the activities of the legislature as they relate to architecture and construction. The Pennsylvania Society of Architects (PSA) is your legal guardian angel in Harrisburg.

PSA's membership is composed of all the members from the eight local components across the state. A relatively small percentage of those members actually reside in the Harrisburg area, yet much work gets accomplished each year by the staff and the volunteers (members) from all over Pennsylvania who are committed to making PSA a forceful and credible presence in this state's lawmaking scene.

Among the issues before the state legislature that PSA is working on this year are:

• Passage of a Statewide Building Code (House Bill 1128). This bill has passed the House of Representatives and is currently sitting in the Senate Local Government Committee. While there is some concern that this bill may not make it out of committee this year, this is as close as it's ever been in the 30-plus years PSA has pushed for it.

• LICENSING OF INTERIOR DESIGNERS (HOUSE BILL 1892). PSA has worked with representatives from the interior design community and with the House Professional Licensure Committee to reach a compromise position on how certification for interior designers could be granted without undermining the integrity of the health, safety and welfare issues that the licensing of architects represents.

• LOCAL TAX REFORMS (SENATE BILL 2). Thanks in part to reasoned opposition from PSA, the House Finance Committee has removed language from this bill which would lower the debt limit permitted by school districts before the district must submit to a voter referendum.

These bills have been around for awhile, and most of us have some familiarity with them. A new piece of legislation has been proposed, however, that could affect our individual businesses more profoundly.

In Pennsylvania, an architect is required to design single-family homes, as well as renovations and additions requiring structural or egress modifications. Most people (the home-buying public, builders, code officials, and many architects) are under the impression that single-family structures are exempt from the requirement that an architect prepare the drawings. In fact, the only residential construction exempt is that which an individual designs for his own home.

Of course, we all know how diligently this has been enforced. The suburbs of Pittsburgh are filled with single-family structures which have never passed before the eyes of an architect. Adding insult to injury, the Pennsylvania Builder's Association (PBA), having successfully created a market which circumvents the law, recently introduced House Bill 1953 which called for the legalized exemption of one- and two-family dwellings from the purview of the Architect's Licensure Law.

Understanding that a large percentage of architects in this state are sole practitioners relying on residential design for their livelihood, PSA's Board of Directors initiated discussion with the PBA for the purpose of developing legislation which preserves the health, safety and welfare of all Pennsylvania citizens, while encouraging a partnership between architects and contractors in the home-building industry.

The compromise that has been proposed by PSA is one that, if accepted, will create winners all around. In a nutshell, the exemption allows for builders to use commercially published or model homes construction drawings prepared by an architect licensed in any U.S. jurisdiction, provided that those drawings be reviewed, signed, sealed and adapted to the specific site by an architect licensed in

(continued on page 5)
A Call for Alternatives

by Anne Swager, Executive Director

From the day I found out I was pregnant,

I began to worry. Already a busy Mom—two kids, a dog and two cats, and a full-time employee—I knew better than to expect that my organizational skills could accommodate a new baby. Babies need time and attention, generally when you are suffering from major sleep deprivation. Being an all out advocate and practitioner of eight solid sleep hours a night, I knew a lot, mainly me, was going to suffer once the baby arrived. I had no idea how I would juggle everything, especially my job.

I could not fathom how I would eke out the extra hours in my already overcrowded day to meet the reasonable expectations of life like food, warmth and shelter. Nevertheless, ready or not, Ellen arrived. Maternity leave helped. I was up to five hours of sleep a night when I was due back. But with Ellen's early health problems, caring for her took on a new dimension. The pediatrician insisted she not be put into day care—too many errant germs from other adorable babies—and that I nurse her as long as possible to give her immune system that extra edge. The first requirement was solved with a full-time babysitter but the second meant somehow Ellen and I needed to be together. A couple of short trips to the office convinced everyone that Ellen would not sit patiently by while Mom worked. She demanded attention and only Mom's attention would do. Rank and relative importance of caller, visitor, meeting meant nothing to Ellen.

The resolution: I work at home part-time. This works fairly well if you don’t count wrestling the phone away from the teenagers long enough for business calls. Ellen also needs medicine every several hours, even throughout the night.

Fearing I might lapse into hallucinations from sleep deprivation, the AIA Pittsburgh Board allowed me to come back to work gradually. At first it was half-time, then three-quarter time, and now finally, full-time. I also flex my time, which means the babysitter works all the time, the kids eat macaroni and cheese, and I work a lot of evenings. Needless to say, this type of work arrangement is not perfect but it does help with some temporary, albeit not so short-term, problems.

I recently read an article about work habits in America compared to other countries. The article quoted a study which found that Americans work harder than everyone else in every other country. Yes, that includes Japan. The study measured actual hours on the job and that was the determining factor for who worked the hardest. We do, and no surprise, we are mad about it. The vast majority of those surveyed would take a 20% pay cut just to stay home more. If I took a 20% pay cut I would have to come home to a house in a different neighborhood, but that aside, I sympathize. As the work force continues to diversify, alternative work arrangements, whether temporary or permanent, can answer a variety of different needs. In my case, I was willing to take a reduced income to be able to meet my family’s needs. I really enjoy what I do and the AIA has invested considerable time and dollars to help me do my job well. It would have been a loss to both sides if I could not have continued.

When I hear the word trend, I always think of bell-bottom pants, flowered shirts and peace symbols. Some trends however, never disappear. I suspect that alternative work arrangements are here to stay. They make sense in a world which is rapidly changing, and most of all they can often meet the employers and employees needs.
Competitions

Rotch Travelling Scholarships invites applications for 1997. A $30,000 stipend is awarded to the first Prize winner of a two-stage design competition for nine months of travel throughout the world. Applicants must be citizens and under 35 by March 17, 1997, and must either have studied at an accredited Massachusetts school of architecture and worked in an architecture firm anywhere for one year, or have a degree from an accredited school of architecture and have worked in a Massachusetts architecture firm for one year. Requests for application forms must be received in writing no later than January 3, 1997: Rotch Travelling Scholarship, Boston Society of Architects, 52 Broad Street, Boston, MA 02109.

The Baltimore Young Architects Committee announces the “Constructive Ideas: Competition for an Urban Corridor” project. This international ideas competition focuses on the ideas of young architects, artists and landscape architects toward several sites on the Howard Street Corridor of Baltimore. Awards include $8,000 and exhibition of the project. For more information, please FAX requests to: Baltimore Young Architects Committee at (410) 727-4620.

AIA Research announced an awards program on accessible housing. Information will be posted on AIAOnline under the Research, Housing and Health AIA sections as well as on the AIA’s homepage. Entries are due by November 1, 1996. For more information, call Stephanie Vierra at (202) 626-7446.

There is a call for submissions to Gallery 937 for an exhibition in art and technology. Designers in architecture, computer science, engineering, fine arts, graphic design, industrial design, medicine, photography, and robotics are encouraged to participate. Eligibility: 150 mile radius of Pittsburgh. Deadline for submission: November 19. Please write or call for prospectus: Associated Artists of Pittsburgh, Gallery 937, 937 Liberty Avenue, Pittsburgh, PA 15222; (412) 263-2710.

IN MEMORIUM

Mason H. Aldrich, AIA
1919-1996

MASON H. ALDRICH, a long-standing AIA Pittsburgh member who retired to Florida, passed away in August after a short illness in Jacksonville. He was a former partner in the firm of Celi-Flyan and Associates (1953-1972) and a former Director of AIA Pittsburgh. Mr. Aldrich graduated from Carnegie Institute of Technology with a Bachelors of Architecture in 1949. He is survived by his wife, Maryanita Bernstein of Jacksonville, and his sister, Mary E. Aldrich of Pittsburgh.

VIEWPOINT continued from page 3

Pennsylvania. Essentially, PSA has offered a concension which should have the result of producing even more business opportunities for Pennsylvania architects while potentially reducing the dreaded design costs for home builders. The grand prize winners, of course, will be the Pennsylvania home buyers, who will be assured of a greater degree of attention to well-being in terms of life-safety.

AIA Pittsburgh spends a lot of time and ink highlighting the benefits of membership in our local chapter. I wanted you to know that the dollars earmarked for your PSA membership to support the staff and committee work in Harrisburg are just as satisfyingly invested.

*EDITOR’S NOTE: As of our publication date the Board of Directors of the PBA has turned down the compromise. Despite this, we felt it was valuable to publish this article to illustrate the process undertaken when a bill is up for consideration.

WILLIAM R. THORNTON
Ph.D., P.E.

Consultant in
Acoustics and
Noise

250 Shagbark Drive
R D #1 Cheswick, PA 15024
(412) 265-2000
What will CAD be like in five years? Are we ready for wearable hardware and voice-operated software? A Pittsburgh-based CAD expert encourages architects to be prepared for increasingly rapid technological advancements.

I recently attended the A/E/C Systems '96 show in Anaheim, California, the world's most comprehensive event for computer-oriented design and construction professionals. Like no other show in the industry, A/E/C Systems has over 150 practical conference sessions, a 425 company exhibit floor covering 300,000 square feet, and features every major technology vendor in the industry. While there, I attended a keynote address given by the top four experts in computer graphics in the country. They each gave their views and insight on where CAD will be in five years, which I share here as the theme of this article.

About fifteen years ago, computers were a scarce resource and CAD really meant drafting. A CAD seat generally cost five to ten times the annual salary of the person using it. It took weeks of training to draw a line from point A to point B, and there wasn't any color. Most vendors created huge barriers to be able to access and use any valuable information. By the 1980s, we were dealing with islands of automation. CAD still meant drafting, but it was no longer such a scarce resource. It started to decentralize, and CAD systems started to move into the office and generally moved down in price to between one and three times the annual salary of the person using it. By 1990, systems began to be tied together and the cost was down to about the annual salary of the operator. We started networking, enabling people to work on the same project at the same time. We developed new positions that never before existed: the CAD manager and network administrator.

Today, the focus has moved from facilitating or maximizing the productivity of the machine to maximizing the productivity of the person. The focus is on work group computing. Not only do we have these systems networked, but people have started using them to facilitate projects. The price is down to about one or two months' salary. Hardware is now a minor component of the systems. It is no longer a capital expense but an ongoing budgetary item. Training and technical support are the major cost factors.

Currently, you can get a substantial capability for about one tenth of what it cost fifteen years ago. The performance is 1000 times faster, software is well integrated, and the user has excellent access to data files. Yet, in some cases, the design procedures have to catch up to the technology. Many of these packages come from different vendors and you are not locked into a single turnkey vendor providing the entire solution.

So what's next? In 1994, DOS was still in the mainstream and most people were using AutoCad R11 and running 386s and 486s, but AutoCad R12 was coming up. In 1995, people still used AutoCad v2.5, hanging on for dear life, but the mainstream was using Windows 3.1 and AutoCad R12. AutoCad R13 was struggling and NT 4 Alpha was on its way. Today, NT 4 is in Beta, AutoCad R14 is not in AI-
pha yet, and Windows 95 has really hit the mainstream, as has NT. Pentiums and multiple pentiums are in the mainstream and P6s or pentium pros are at early adoptive stages. Next year multiple pentiums will be in mainstream, multiple P6s will be in the early adoptive stage. We will have NT 4.0 and Windows 97 available by the end of the year and probably see AutoCad R14 Alpha emerging, as well as objective Microstation. Four years from now, the P7 and P8 will be in the mainstream and technology we don't know about will be at the leading edge. We will have NT 5.0 on our desks, and a unified version of Windows 95 and NT will be available. Got that?

We will probably have modularized software, meaning you will have to buy only what you need rather than buying large complex packages. We will also have automated system management. You are going to be able to buy and download software and pay for it as you use it. Hardware and software prices will drop by 50%. Data will be a big growth market. As a need for expansion hits Parametric Technology, the mechanical design market is drained, it will start moving into the AEC market.

By the year 2001, we will be talking about either AutoCad 2001, which will be a completely new product, or we will see AutoCad, as it is today, being replaced by application specific solutions that work directly with the operating system. Windows NT R6 will be the operating system of choice. We will have about 4.5 million seats in the CAD area for all applications. The need to manually enter data will be less and less. Also, object-oriented CAD systems will be the norm. They differ from conventional systems because they will embody large amounts of information about the physical objects being represented. With all of this information embedded in a CAD file, architects and engineers will be able to do technical analyses more easily and pass along quantitative and graphic information to constructors. The technology offers a tremendous promise of higher efficiencies, fewer errors, and lower construction costs.

The workstation, as we know it, is going to continue much as we see it. We may go to dual displays. The innovation to watch for is wearable computers. There is a fascinating project at MIT called "things that think" where you wear your technology. Being stuck to your desk will be a thing of the past. Color monitors will dominate. Flat panel displays are going to become a significant part of future workstations, powered by a new HP Merced chip running at about 600 mhz, maybe even 1000 mhz.

As for the future of Virtual Reality (VR), it has been terribly over-hyped. It doesn't do everything everybody says it does. On the other hand, it is growing rapidly. One-third of its revenue comes from entertainment. Virtual Reality needs to get a little more realism and better performance. The concept of someone sitting at a desk wearing a VR helmet is not going to be realized by the year 2001. Video conferencing, on the other hand, is moving ahead quickly. The director of research for Hewlett-Packard argues that in the near future, you are going to be able to buy little video cameras for one dollar that sit on your PC. They will not be more than a chip. In the old days, video conferencing required a special room. By the year 2000, every workstation you buy is going to have a camera with it.

What about the Internet? Nothing has caught on as fast as the World Wide Web. It is really going to significantly change what it is that architects and engineers are doing. We are going to see incredible levels of computer performance in the future. The pace of the increase in computer power is actually accelerating. The president of Silicon Graphics said that over the next decade, we will see a thousand-fold improvement in computer price, and a tremendous increase in data sharing across multiple applications and geographic areas. If you need product information from a supplier, that information is going to be directly avail-

continued next page
able over the Web. You are going to be able to download a model of that component and put it into the project you are working on. The Internet is a lot more than just E-mail, and some believe it is the most significant development in the computer industry since the development of the integrated circuit. It facilitates the collaborative design we are striving for and will hopefully reduce system support. We are going to use the Web, in effect, to publish project information.

There are many issues we need to look at before much of this technology becomes available, such as moving from individual productivity to enterprise productivity. We have too many people worried about how many square feet of drawings they can produce in a given day and not really looking at what this technology can do for the quality of the project. A lot of the software is still too hard to learn, and a lot comes in large monolithic chunks that offer more than is needed. We use just a small portion of many of the packages we spend thousands of dollars to buy. There is too much tweaking of the systems and you still have to be a computer hacker to really get all of the pieces to work together. We must move away from this. Firms are going to have to budget to swap out top workstations at least every three years. That doesn’t mean to throw them away, but pass them along to someone in the organization that doesn’t need all that power and get the most for the people that can use all the power, specifically those doing rendering and realistic imagery.

Today, people predominately use CAD to produce drawings. They think they are creating designs and then communicating them through images. Much more is possible.

People at the cutting edge of this technology are trying to facilitate design analysis and construction through collaboration and teamwork in communication. This is where the goals are today and hopefully the reality for usage will come to be a little more than that by 2001.

In the year 2001 you can expect drawings will still be with us, telecommuting will be widespread in AEC, and unnetworked CAD will be very rare. We will see many people working from home, cars, the beach, wherever. The success of CAD depends on only about 10% of users choosing the right technology and about 90% on proper management. No matter how much we have in the way of technology, unless people use it properly all its benefits could go down the drain.

So, are you ready for the future? 

James Mauler is a principal of Cadnetics Group, Inc., which specializes in architectural and engineering technical support by providing high-tech computer-aided drafting and design services.

---

continued from page 7
GO WITH THE WINNER.

General Industries has been leading the industry in custom-engineered building systems for over 20 years. This tradition of excellence has helped us to design and build some of the most award winning new construction projects in the area. Projects such as:

- Southpointe Golf Club
- Polycom Huntsman, Inc.
- Centimark Corporation
- U.S. Naval & Marine Reserve
- Accutrex Products
- Millcraft Industries
- Pennsylvania-American Water Company

When you want a winner... call Don Ivill at 412/483-1600

GENERAL INDUSTRIES
GENERAL CONTRACTORS
15 Arentzen Boulevard • Charleroi Industrial Park • Charleroi, PA 15022

* Project Architect: Johnson/Schmidt and Associates
Pre-engineered building systems and custom construction - Call for a FREE guide to building planning and construction.

THE BOLD LOOK OF KOHLER®

See our extensive display of plumbing products for the kitchen and bath, including the cast iron Vintage™ Bath. Quality you’d expect from Kohler.

THE REPUTATION OF

Crescent Supply

Crescent Supply has served local design professionals for nearly 45 years. Our Pittsburgh showroom features 6,000 square feet of quality bathroom and kitchen products with experienced, full-time personnel to assist you and your clients in new construction and renovation.

412 782-3300

6301 Butler Street, Pittsburgh
Under the Robert D. Fleming (62nd Street) Bridge
Showroom hours 9-5 M-F, Wednesdays to 8, Saturday 10-2
Preparing for the Worst  
by John Sieminski

Limited liability is a double-edged sword. Are you prepared for the consequences?

Does this scenario sound too close for comfort? It seemed as if anything that could go wrong on a project did go wrong. What should have been a simple feasibility study followed by preparation of design development and contract documents for a mid-size office building, turned into a nightmare.

First, a young architect in your office missed a setback requirement in the zoning code. The owner did not mind, but the city building inspector did. She refused to issue an occupancy permit and a significant part of the newly-constructed structure was demolished and rebuilt to comply with the code, at a cost of $850,000. The owner looked to your firm to cover that cost.

As if that was not enough, during construction, a roofer came in contact with a high-voltage service line which traversed the site. He was severely injured and promptly filed suit against the firm, alleging that you had a duty to warn him of the existence and proximity of the line. You were confident that you would prevail since you had not contractually assumed any duties regarding the safety of the site during construction. This confidence was dashed when you learn that the same young architect had been presenting informal safety seminars during his periodic site visits. In retrospect, it certainly was not a wise idea to have decreased the limits of your professional liability policy to $500,000 earlier in the year.

Is there any hope for you and your partners? Could you have done anything differently? Some trends in the law are applicable to this hypothetical situation, and this article will discuss these trends and what our imaginary firm might have done to better structure itself.

Limitations of Liability to the Owner

Last year in Valhal Corporation v. Sullivan Associates, Inc., a Federal Court of Appeals upheld a contractual clause limiting an architect's liability to a developer. Valhal was a New York developer who sought to build a high-rise residential tower on a parcel of real estate in Philadelphia. Sullivan Associates, Inc. was a corporation which offered architectural, planning and engineering services. Valhal engaged Sullivan Associates to perform a feasibility study on the possibility of constructing a tower on the property. Pursuant to their agreement, Sullivan Associates was also engaged to perform engineering research and to prepare an estimate of construction costs.

Sullivan provided Valhal with a written report which concluded that the property was not burdened with any height restrictions and that it was possible to erect the high-rise tower on the property without any special variances. After purchasing the property, Valhal learned that it was in fact subject to a height restriction which would be violated by the planned structure.

The contract between the parties contained a clause which limited Sullivan's liability for professional negligence to $50,000. Valhal filed an action in federal court against Sullivan, seeking damages in excess of $2 million for breach of contract, negligence, gross negligence and negligent misrepresentation, all based on Sullivan's failure to advise Valhal of the height restriction. Sullivan defended on the basis of the limitation of liability clause in the contract. The trial court found the limitation to be unenforceable and a jury returned a verdict in favor of Valhal for $1 million. Sullivan Associates appealed.

The Appellate Court noted that the amount of Sullivan's liability was capped, but that Sullivan still bore substantial responsibility for its actions. The Court also noted the following factors: 1) the clause did not contravene public policy; 2) the contract related solely to the private affairs of the contracting parties and did not include a matter of public interest; 3) each party entered into the agreement in an arms-length transaction and Sullivan invited Valhal to ne-

Given the pervasive reasoning of the federal court, a limitation clause should at least be considered for every contract a firm executes.
To allow it to purchase additional liability coverage if the limitation was unacceptable; and 4) the limitation of the liability clause clearly and simply stated the intention of the parties.

The Court noted the following additional considerations. First, there was no injury to person or property. Second, the limitation was reasonable and not so drastic as to remove Sullivan's incentive to perform with due care. Third, the damage level set by the clause was substantial rather than minimal. On this issue, the Court noted that Sullivan was exposed to liability which was seven times the amount of the fee under its contract with Valhal. On the whole, the Court found that the limitation of liability contained in the contract was "reasonable allocation of risk between two sophisticated parties" which did not "run afoul of the policy disfavoring clauses which effectively immunize parties from liability."

Obviously, as the above restrictions indicate, not all situations will be conducive to a contractual limitation of liability, and each contract must be tailored to the existing circumstances. In addition, the Valhal decision was a prediction by a federal appeals court as to what the Supreme Court of Pennsylvania would do when faced with the issue of limitation of damages for negligent performance of a contract for professional services, and not creation of Pennsylvania law on the issue. Given the pervasive reasoning of the federal court, however, a limitation clause should at least be considered for every contract your firm executes. In the case of our hypothetical firm, it would have been worthwhile to bargain for a limitation of liability within the limits of the firm's professional liability policy, or at least to negotiate a surcharge to cover an increase in the policy limits.

Site Service Liability
As a general rule in Pennsylvania, unless an architect, either by contract or conduct, assumes the responsibilities of supervising a construction site and maintaining safe conditions on the site, he or she is not required to notify workers or contractor employees of hazardous conditions on the site.

In order for the general rule to apply, it is important that the architect not contractually assume any duty to supervise the construction work or provide for the safety of workers. We know that architects rarely assume such duty as a contractual matter. However, they must be careful not to assume such a duty by their conduct while on a construction site.

In general, one does not assume such a duty by making periodic inspections to ensure the quality of construction or to check the progress and quality of the work. What our young architect in the hypothetical did, however, was to assume a duty as to safety by becoming involved with safety issues while on site. Although his altruistic behavior may be commendable from a moral perspective, unless your firm is prepared to deal with the legal consequences of becoming involved in safety issues, such actions are best left to the contractor.

John Sieminski is a partner in the Pittsburgh firm of Wayman, Irvin & McAuley. The firm represents architects, engineers and other design professionals in litigation and other matters in various forums. The material in this article is provided for general information purposes only, and is not intended to constitute legal advice applicable to any particular situation. Do not rely upon the information contained in this article without consulting an attorney.

Mr. Sieminski is a Professional Affiliate member of AIA Pittsburgh.
Trendspotting by David J. Roth, AIA

A review of design trends spotted at the 1996 NeoCon World’s Trade fair.

Trends are reflected in the jargon we use every day.

Take a look at the work on your desktop. Without knowing it, architects are trend-setters. Spotting trends is one of our greatest competitive strategies, one that marks our profession as innovators and problem solvers. It’s our job to be astute observers of our industry, in particular, and of our culture, in general.

Early this summer, I attended the NeoCon trade shows in Chicago to review products and attend seminars. Trends were on display but most noticeable was the language used to identify and address design issues.

Here is an A to Z look at some buzz words that reflect the latest trends.

The Alternative office is a reflection of different work styles, people and situations. Some of these include home offices, temporary offices and hotelling.

Building commissioning is the process of ensuring that systems are designed, installed, functionally tested, and operated in conformity with the design intent. This process should begin with planning, and includes design, construction, start-up, acceptance, training, and can be applied throughout the life of the building.

Plan for Change. These days a project’s program may be obsolete by the time it is constructed, therefore, the proposed design must be a flexible framework that addresses the essential project elements.

React quickly to a Downturn in the market, it can be a time of opportunity.

More than ever, Ergonomics are the driving force in workplace design.

Whether Feng Shui is an art, a religion, or a philosophy, it’s gaining popularity in the west among designers, architects and their clients. Pronounced “fung schway,” it literally means “wind and water.” If you know it or not, we practice this art daily as we link people to their built and natural environments.

In any endeavor, Goal definition is central to success.

Designers are taking responsibility for creating Healthy Environments. This includes improvements to the air quality, thermal environment and lighting.

There is no hype greater than the one involving the Internet. One use is for project research. You can get information on your clients to gain further insight into their needs. We are also looking to the net’s ability to run on any computer platform. It is proving to be a great communications tool for networks, in both local and wide area distribution.

Look at new ways to put things together. Joinery is the art of connection.

Kinetics is the key to the ergonomic workplace. New mechanisms are being developed to make our spaces and furnishings more responsive to human movements and programmatic changes.

The key to success is Listening. This goes for every level of an organization. More CEOs are paying attention to their Facility and Information Technology Managers. These people in turn are responding to what they hear from the employees.

Haworth’s Crossings (above) was the buzz of the show, everything on wheels, flexibility of time & space.
The spaces we design must be **Multi-Functional**. They should easily adapt to change, not dictate use.

In our increasingly complex society, our connection to **Nature** is more important than ever. Every room we design should have a window. If that’s not possible, hang a picture on the wall. We should plan for one plant per room. Position the furniture to view outside. Design places for people to eat their lunch outdoors.

**Outsourcing** is both a challenge to maintain control of quality, and an opportunity for new markets to service.

Identify and refine your **Positioning**. Stay in close touch with the marketplace, and if necessary, redefine yourself.

We seem preoccupied with **Quality**. This is a time when your clients are looking for ways to improve the way they live and work, and are ready to spend a bit more to achieve their goals.

**Research markets**. Tie your design passion into what people want. Look at university economic studies or your Chamber of Commerce for jobs outlooks and emerging growth.

Focus your research-passion with clear **Strategies**. Look for ways to get the attention of potential clients.

The workplace is being reinvented for **Teaming**. Plan spaces that promote communication and interaction.

Find the common ground in an organization that reveals a **Universal plan**. One size workstation could fit most of the tasks required with variations in components such as storage, seating, and number of work surfaces.

It’s important to demonstrate **Value** to our clients. Illustrate the return on their investment, and how design can produce bottom-line results.

It’s not just an office, it’s the **Workplace**. It’s an attitude, people coming together for a common goal. Put the emphasis on employees as the most valuable corporate resource.

Generation **X** is coming of age. Soon they won’t be a trend but a part of our culture.

This is a reflection of a more **Youthful** feeling of people of all ages.

Some of these trends may seem **Zooty** (my word for crazy and outrageous).

This was my reaction to some of the proposed concepts and products presented (see illustrations). I plan to consider them with an open mind, wondering if there is a project to which to apply them. It’s important to challenge the norms and embrace the ingenious innovations offered.
**Kudos**

- **Metropolitan Design Collaborative** has won a PSA Open Plan Design Award for “Environmental Alterations in the Central Northside of Pittsburgh: 1992 to 1996.”

**William Brocius, AIA** has won a 1996 AIA Religious Art Award for his “Eucharist Table for First Lutheran Church.” His work appeared in the 1996 Spring/Summer issue of the Journal of the Interfaith Forum on Religion, Art & Architecture.

Phillip G. Foreman, of **Foreman Architects Engineers**, is the recipient of the Distinguished 1996 Pennsylvania Entrepreneur of the Year Award in Construction and Engineering.

**Burt Hill Kosar Rittelmann Associates** was ranked within the Top 500 Design Firms in the country by ENR Magazine.

S. Faruq Ahmed of **Burt Hill Kosar Rittelmann Associates** was chosen, along with Herbert Carlson of Slippery Rock University, to present a paper entitled, “Open Book Pricing—A New Way to Acquire Direct Digital Control Systems,” at the July APPA (Association of Physical Plant Administrators) Conference in Salt Lake City.

**Transitions**

- **Gerard Damiani, AIA** returns to Pittsburgh with the formation of his new architectural office, Studio d’ARC. Damiani, a former employee of Michael Dennis and Associates and a member of the design team of the new student center at Carnegie Mellon, is pursuing a practice committed to the process of creation as the arbiter between inquiry and ingenuity. Studio d’ARC is located on the South Side at 74 South 20th Street, Pittsburgh, PA 15203; (412) 381-2645.

**Karen Loysen, AIA**, formerly a Senior Associate of UDA Architects, has made an amicable departure from the firm to form **Loysen + Associates Architects**. Loysen will focus on adaptive reuse of urban buildings and design of cultural/commercial buildings. She will continue the “architecture as city building” approach of UDA.

**Joseph E. Burchick, Professional Affiliate**, announced James Montgomery has been named Manager of Marketing for Burchick Construction Co., Inc.

**From the Firms**

- **Baker and Associates** has been named a winner in the Family Housing category of the U.S. Air Force Design Award Program. Baker won the award for design services for rehabilitating 33 existing housing units in the Billy Mitchell Village on the Kelly Air Force Base in Texas. The firm was also selected by the Moon Area School District to serve as its architect of record.

**Perkins Eastman** announces its recent commission for the following projects: A nationwide facility strategy for National Computer Systems, a data management corporation in Minneapolis; a manufacturing support and educational facility for the Mon Valley Industrial Workshop in East Pittsburgh; and the first phase of a three-phase upgrade and renovation plan for the Wightman School Community Building in Squirrel Hill.

Two staff members in **Perkins Eastman’s** Pittsburgh office have been named associates: Kurt Jorgensen and Alan Schlossberg, AIA.

Earlier this year **Akers Erwin Thompson Gasparella Architects** merged with the architectural/engineering firm of **Fanning/Howey Associates, Inc.** Continuing professional services will be provided by **James Akers, AIA; Joseph Gasparella, AIA**, and **James Thompson, AIA** at 1500 Arrott Building in downtown Pittsburgh. The firm has been selected for a high school project in the Upper St. Clair School District.

**KSBH Architects** announced the hiring of **Charles C. Coltharp, AIA** as a staff architect, and Heather Boone as an interior designer.

**Burt Hill Kosar Rittelmann Associates** was commissioned by First National Bank of Pennsylvania for architectural/engineering/interior design services for their new $7.5 million headquarters in Hermitage.

**Business Briefs**

- **PSI** adds Tony Freda and Thomas Ali, P.E., both as Materials Characterization Managers in PSI’s Pittsburgh office.

**Peter F. Lotus Division of Eichleay Engineers** has appointed Richard C. Gerber as Vice President of Projects and Engineering. Mr. Gerber has worked for the company for 16 years.

**SAI Consulting Engineering** has added Walter S. Krasneski, Jr. as their Marketing/Sales Manager.

**MARKETPLACE**

Graphisoft has donated copies of ArchiCAD 4.1 to Habitat for Humanity and we're looking for two ArchiCAD users to volunteer to get us up and running on Mac, and then some. Our office is in Swissvale, one minute off Parkway East. CAD operators, interns, or architects call Sue Breslow, R.A. to find out more: 441-2984.
New IRS Audit Program to Focus on Architects

IRS zeroes in on the hiring of intern architects as independent contractors and employees as consultants

Not what you wanted to hear is it? Architects have recently been targeted for special audits by the Internal Revenue Service to review their hiring of intern architects as independent contractors and employees as consultants. There is an inherent conflict between categorizing an employee as an independent contractor or consultant and the nature of most architectural practice.

The law will treat any person as an employee, including interns and architects engaged on a contractual basis, 1) whose manner of performing his or her job duties is controlled by the employer, 2) who uses the materials and supplies of the employer in performing his or her job, 3) who is employed for an extended indefinite period of time, 4) who does not provide special skills in the performance of his or her duties, 5) who performs functions that are integral to the employer's business.

In making a determination as to whether an individual is an employee or an independent contractor, federal agencies and courts look to the "economic realities of the relationship" as determined by the circumstances of the employment. Interns, by the nature of their position and requirements for IDP credit, must work under the supervision of architects. For this reason alone they usually cannot be categorized as independent contractors.

The consequences for firms who willingly or unknowingly have misclassified their employees can be painful—such as having to pay back salary for unpaid overtime at 1.5 times the pay rate, plus taxes not withheld.

Should they chose to do so, both the Department of Labor and the IRS have the power to assess interest and punitive damages against offending employers. A casual audit covers up to three years of a firm's practice. However, should the government suspect fraudulent behavior on the part of the firm, they can fine a firm for as many years as they choose.

The practice of hiring architects as consultants and independent contractors has been so widespread, as it has been in other fields, many employers do not realize the legal repercussions of this action. The IRS is increasing investigations into these practices and all indications suggest they are going to be diligent about pursuing audits. — M.F.

An inside look at the IRS criteria and audit program focused on architects is available from an Atlanta company. Privately published as the "Insider's Guide to IRS Audits of Architects," the report highlights auditors' questions, what they look for and how to determine how to classify your employees. For more information on this publication, call Bob Palmer at (800)846-2202.
Graphisoft is now offering version 5.0 of the award winning ArchiCAD software. ArchiCAD 5.0 operates in Windows 95 or NT as well as the Mac Power. A truly dynamic 32 bit software program, ArchiCAD's power is in the way it empowers an architect (cad draftsman not required) to "Create better Architecture".

Most CAD software vendors talk about drafting productivity or super rendering or modeling capabilities. But only ArchiCAD from Graphisoft is dedicated to helping architects design, study and create architecture.

Through ArchiCAD's powerful interface, an architect with novice computer skills can create models, plans, sections, elevations, renderings, quantity take-offs, even animations - all from the same two clicks of a mouse.

A few new features in ArchiCAD 5.0:
- Section and elevation editing
- Zones for facility management
- ArchiSite for site modeling
- A slew of new construction/drawing commands
- Texture mapping

(Your local ArchiCAD and Wind2 dealer.)
412-492-7198 (new phone number)
Membership Committee

Frank McCurdy, AIA, 394-7000

AIA Pittsburgh welcomes three new members:

Jason Fournier, AIA
Hayes Large Architects
SCHOOL: University of Colorado, MA
SPouse: Susan L. Fournier
PAST PROJECTS: Mt. Aloysius College Academic Science Bldg., East Side Elementary School, Johnstown
INTERESTS: travel, climbing, history
COMmittee INTERESTS: AIA/CMU Liaison; Education/Professional Development

Jon Steindorf, AIA
Gardner + Pope Architects
SCHOOL: Penn State, B Arch 1985
Fiancé: Patricia Jackson
PAST PROJECTS: GNC Corporate HQ, PNC Branch banks; John Mirandeo Elementary School
INTERESTS: golf, skiing, cycling, woodworking
COMmittee INTERESTS: Historic [Resource, Education/Professional Development

Robert Freedman, AIA
UDA Architects
SCHOOL: City University of New York (MUP); University of British Columbia (B Arch); University of Toronto (BA and LLB)
PAST PROJECTS: Pittsburgh JCC; Rivers of Steel; Portsmouth 2005 Urban Design Plan
INTERESTS: ice hockey, wood working, cycling, x-country skiing
COMmittee INTERESTS: Environment, Urban Design

AIA ACTIVITIES

October 4, Friday
Communications Committee Meeting.
12 noon at the Chapter office, 471-9548.

October 8, Tuesday
AIA Pittsburgh Board Meeting
5 p.m. at the Chapter office, All members are welcome, 471-9548.

October 9, Wednesday
Professional Development Committee Meeting.
12 noon at the Chapter office, Carl Freedman, AIA, 462-9300.

October 10, Thursday
Committee on the Environment. 5:15 p.m.
at the Chapter office, Gary Mochler, AIA, 231-1500

October 10, Thursday
Young Architects’ Forum. 6 p.m. at the Chapter office, Lee Cals, AIA, 227-6100.

October 15, Tuesday
Legislative Committee Meeting. 4:30 p.m.
at the Chapter office, Jim Sheehan, AIA, 682-6008

October 21, Monday
AIA Pittsburgh 1996 Design Awards, at the Byham Theatre at 6:30 p.m. with keynote speaker Eugene Kohn, FAIA. See page 23 for details!

October 22-November 23
Design awards exhibit, in the AIA gallery.

October 28, Monday
Architrave Board Meeting
5:15 p.m. at the Chapter office, John Martine, AIA, 227-6100.

November 6, Wednesday
Committee of Committees Meeting
12 noon at the Chapter office, 471-9548.

COMING UP

October 5-12
Head of Ohio Regatta Art Show at the Chapter office.

October 8, Tuesday
Cost Estimating Seminar (4LUs) 5:30-
7:30 p.m. at the Chapter office. $25 for AIA members; $35 for non-members. Space is limited, must prepay to reserve space.

December 3, Tuesday
AIA MEMBERS: COMMUNICATE MORE CLEARLY!

With Bell Atlantic NYNEX Mobile as your cellular service provider, you'll enjoy a clear signal and superior system reliability. And you'll save money on your cellular phone bill, too.

<table>
<thead>
<tr>
<th>PITTSBURGH AIRTIME RATES</th>
<th>AIA USAGE DISCOUNTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly Access</td>
<td>100-199............. 2%</td>
</tr>
<tr>
<td>Peak Rate (Usage)</td>
<td>200-299............. 5%</td>
</tr>
<tr>
<td>Off Peak Rate (Usage)</td>
<td>300-499............. 8%</td>
</tr>
<tr>
<td></td>
<td>500-799............. 10%</td>
</tr>
<tr>
<td></td>
<td>800 or more.......... 11%</td>
</tr>
</tbody>
</table>

No Activation Fee! A $25 Savings.

Whether you already have a cellular phone or are thinking about buying one, you can start taking advantage of this offer from Bell Atlantic NYNEX Mobile now. Visit one of our communications stores or call 480-2489 for a wireless consultation visit in your office.

BUSINESS SALES • VOICE AND DATA • 480-2489

North Hills – 4930 McKnight Road, 369-8500 • Downtown – 2 PPG Place, 392-0300
South Hills – 2895 Banksville Road, 571-3300 • Ross Park Mall – 364-5041 • Century III Mall – 655-8850
Monroeville – 3828 William Penn Highway, 856-2300 • Shadyside – 810 South Aiken Ave., 687-6300
Indiana Mall – 465-1040 • Westmoreland Mall – 830-9900 • Robinson Town Centre – 787-4220
Butler – Moraine Pointe Plaza, 285-2900 • Beaver Valley Mall – 775-2866

A new two-year contract with Bell Atlantic NYNEX Mobile is required, and a $175 early termination fee applies. This offer is subject to the AIA/Bell Atlantic NYNEX Mobile agreement. Roaming, toll and long distance charges not included in the above rates. If you are a current Bell Atlantic NYNEX Mobile customer and would like to change your price plan, call our Customer Service Department at 1-800-922-0204, toll and airtime free, 24 hours a day, 7 days a week. Have your mobile telephone number ready. Proof of AIA membership is required.

© Bell Atlantic NYNEX Mobile
A. Eugene Kohn, FAIA, RIBA, JIA
Partner of Kohn Pedersen Fox Associates to speak at 1996 AIA Pittsburgh Design Awards

Eugene Kohn, the jury chair and keynote speaker at this year's AIA Pittsburgh Design Awards, is widely respected for his 40-year architecture career and his inspirational leadership qualities. He founded Kohn Pedersen Fox Associates PC in 1976 with his partners William Pedersen and Sheldon Fox. Mr. Kohn has contributed to each of the firm's designs from corporate headquarters and office buildings to hotels and institutional facilities.

Mr. Kohn received his Bachelors of Architecture in 1953 and his Masters of Architecture in 1957 from the University of Pennsylvania. He is still actively involved with the university—as a member of the Board of Trustees among other university-related boards. Additionally, he lectures and teaches at both the university's Graduate School of Fine Arts and the Wharton Real Estate Center.

Mr. Kohn is a member of the American Institute of Architects and registered in 25 states, the United Kingdom and Japan. He is an AIA Fellow, a member of the Octagon Society and was President of AIA New York in 1988. He has served on numerous boards, including the Architecture League, Chicago City Ballet, and the British Arts Center; and on the Advisory Committee for many institutions, such as the British Museum. Recently, Mr. Kohn has become a Trustee of the Museum for African Art in New York City and a Trustee for the Urban Land Institute.

In addition to building and design expertise, Mr. Kohn has published widely, participated in several design juries and acted as a visiting critic/guest lecturer at universities around the country. He also teaches a course each summer at Harvard University.

As the international reputation of Kohn Pedersen Fox has grown while working in over 20 countries, Mr. Kohn has spoken at conferences worldwide. In recent years he has lectured in Kuala Lumpur, New Zealand, Australia, Hong Kong, Washington DC, and New York, among many other locations. He will discuss marketing international architecture at the AIA Pittsburgh Design Awards.

In recent years Eugene Kohn has lectured in Kuala Lumpur, New Zealand, Australia, Hong Kong, Washington DC, and New York, among many other locations.
CONTRACTORS’ DIRECTORY

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

*Member of the MASTER BUILDERS’ ASSOCIATION.

**Bridges**
1300 Brighton Road, Pittsburgh, PA 15233
PHONE: 321-9100 FAX: 321-9123
CONTACT: Paul R. Bridges
Commercial / Construction management Exterior / General / Industrial / Interior Renovations

**J. R. Bunn Inc.**
P.O. Box 243, Washington, PA 15301
PHONE: 223-6211 FAX: 223-5990
CONTACT: Jim Bunn
Commercial / Construction management Industrial / Interior / Renovations

**Burchick Construction Co., Inc.**
500 Lowies Run Road, Pittsburgh, PA 15237
PHONE: 389-7070 FAX: 389-9991
CONTACT: Joseph E. Burchick
Commercial / Construction management General / Industrial / Interior / Renovations

**F. J. Busse Co., Inc.**
P.O. Box 8549
Pittsburgh, PA 15220
PHONE: 321-1231 FAX: 321-8861
CONTACT: John Paul Busse
Commercial / Exterior / General / Industrial / Interior / Renovations

**Cameron Construction Ltd.**
190 Nichol Avenue, Blvdg. 1A
McKees Rocks, PA 15136
PHONE: 331-7455 FAX: 331-7459
CONTACT: David C. Peters, P.E.
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations

**Crump Incorporated**
21 Yost Blvd., Suite 502, Pittsburgh, PA 15221
PHONE: 829-5100 FAX: 829-5107
CONTACT: Scott H. Wodle
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations

**DiCicco Contracting Corporation**
1006 Beaver Grade Road, Canonsburg, PA 15106
PHONE: 262-6754 FAX: 262-6090
CONTACT: Samuel E. DiCicco
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations

**P. J. Dick Incorporated**
P.O. Box 981000, Pittsburgh, PA 15227
PHONE: 462-9300 FAX: 462-2566
CONTACT: Chuck Prior
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations / Institutional

**General Industries**
15 Arentzen Blvd., Charleroi, PA 15022
PHONE: 483-1600 FAX: 483-0990
CONTACT: Donald J. Will
Commercial / Exterior / General / Industrial / Interior Renovations

**Harchuck Construction Co., Inc.**
122 Kerr Road, New Kensington, PA 15068
PHONE: 339-7073 FAX: 339-7076
CONTACT: David A. Harchuck
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations

**Kacin, Inc.**
785-22 Pine Valley Drive, Pittsburgh, PA 15239
PHONE: 237-2225 FAX: 733-5393
CONTACT: Jeffrey D. Ferris
Commercial / Construction management General / Industrial / Interior / Renovations Residential

**T. E. Kennedy, Inc.**
1369 McLaughlin Run Road, Pittsburgh, PA 15241
PHONE: 257-5994 FAX: 257-8423
CONTACT: Tom or Lorrie
Commercial / Construction management Exterior / General / Interior / Renovations Residential

**Kusevich Contracting**
P.O. Box 95042,
Pittsburgh, PA 15223
PHONE: 782-2112 FAX: 782-0271
CONTACT: George Kusevich
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations

**Landau Building Company**
9865 Rinnaman Road, Wester, PA 15306
PHONE: 935-8800 FAX: 935-6510
CONTACT: Thomas A. Landau
Commercial / Construction management General / Industrial / Interior / Renovations

**Marco Contractors, Inc.**
577 Northdale Drive, PO Box 510,
Warrendale, PA 15086
PHONE: 935-8160 FAX: 935-8159
CONTACT: Martin R. Smith
Commercial / General Contractors specializing in Retail Build Outs / Interior Renovations

**A. Martini & Co., Inc.**
320 Grant Street, Verona, PA 15147
PHONE: 828-5500 FAX: 828-6488
CONTACT: Angelo Martini, Sr.
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations

**Mistick Construction**
1300 Brighton Road, Pittsburgh, PA 15233
PHONE: 322-1121 FAX: 322-9336
CONTACT: Robert Mistick
Commercial / Construction management Exterior / General / Interior / Renovations / Residential

**Mites Construction Company**
4839 Campbell Run Road, Pittsburgh, PA 15205
PHONE: 923-2255 FAX: 788-1169
CONTACT: M. Dean Mites
Commercial / Construction management Exterior / General / Highway / Industrial / Interior / Renovations

**Nello Construction Company**
3 Glass Street, Carnegie, PA 15106
PHONE: 766-0010 FAX: 766-8123
CONTACT: George Leasure
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations

**Peters Holding Company**
9800 McKnight Road, Pittsburgh, PA 15237
PHONE: 366-1666 FAX: 366-9223
CONTACT: M. Raymond Hildreth
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations

**Recco Corporation**
1046 Pittsburgh Street, Springdale, PA 15144
CONTACT: Bill Schwenk
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations / Residential

**Repal Construction Co., Inc.**
2400 Ardmore Blvd., Suite 406,
Pittsburgh, PA 15221
PHONE: 271-3700 FAX: 271-3866
CONTACT: Bill Palmer, Jr.
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations / Residential

**Ross & Kennedy Corporation**
1610 Babcock Blvd., Pittsburgh, PA 15209-1606
PHONE: 821-2424 FAX: 821-7850
CONTACT: John N. Broen
Commercial / Construction management General / Industrial / Renovations

**Stevens Painton Corporation**
5168 Campbell Run Road, Pittsburgh, PA 15205
PHONE: 787-1955 FAX: 787-0554
CONTACT: Alex Piccola, President
Construction management / General Industrial / Design/Build Engineering & Professional Services Acid Brick / Specialty Coatings

**Tecno Construction Corporation**
TEDCO Place, Carnegie, PA 15106
PHONE: 276-8060 FAX: 276-8804
CONTACT: Ted Franz
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations

**Trafalgar House Construction**
Suite 345, One Oliver Plaza, Pittsburgh, PA 15222
PHONE: 566-5300 FAX: 566-5323
CONTACT: Mark Makay
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations

**Uhl Construction Co., Inc.**
P.O. Box 8 – 4912 Vernon Drive
Allison Park, PA 15101
PHONE: 443-0000 FAX: 443-7966
CONTACT: Lisa Hengelberg
Commercial / Construction management Exterior / General / Industrial / Interior / Renovations

**Joseph Vacarella Jr., Inc.**
50 Arth Street Ext., P.O. Box 663
Carnegie, PA 15106
PHONE: 276-2755 FAX: 276-7985
CONTACT: Gary Dickinson
Commercial / Highway / Industrial Residential / Bulk Excavation Site Development

**Volkart Construction Corporation**
250 Curry Hollow Road, Pittsburgh, PA 15236
PHONE: 653-0454 FAX: 653-5775
CONTACT: Raymond A. Volkart
Commercial / Construction management General / Industrial / Interior / Renovations

add your firm to the contractors’ directory today! List your firm by specialty & reach every registered architect in Southwestern PA. call Tom Lavelle at 882-3410
AIA MEMBERSHIP: Does it make you a better architect?

We think so. Just as owners seek architects with the AIA designation to design their projects, MBA contractors prefer working with AIA members — professional architects who are better informed about the latest industry/jobsite issues.

For many of the same reasons that architects are AIA members, the region’s best contractors belong to the Master Builders Association (MBA). MBA contractors believe they have an obligation to give back to the industry. Combined with the resources available from the Associated General Contractors of America (AGC), MBA members contribute their time and expertise on committees and educational programs to ensure they are providing the best value for the construction dollar.

AIA and MBA — two of the most respected organizations in the building industry. Teaming with an MBA contractor creates a winning situation for any owner.

Contact Executive Director Jack Ramage (412) 922-3912 for a complimentary copy of the MBA Sourcebook.

THINK ABOUT IT...

The top 10 reasons to use Union Carpenters

1. For over 100 years, we have been in the forefront of the construction industry due to safety and good work standards which get projects completed on schedule with low insurance costs.

2. You are assured of a continuing supply of highly-skilled, trained Carpenters.

3. We are involved in every phase of commercial, residential and industrial construction in 33 Counties of Western Pennsylvania.

4. We are a leader in the Affirmative Action Programs.

5. We will meet your project's scheduled deadlines using the best quality craftsmen.

6. The Carpenters' Apprenticeship Program has produced a long line of well-trained, proficient craftsmen which graduate from a 4 year Apprentice Program.

7. We offer advanced training to our graduated Apprentices to upgrade their Journeymen skills through credited courses at Allegheny County Community College, keeping our Carpenters abreast of changes in the industry.

8. We stand ready to assist in vital projects providing craftsmen for nearly every construction need, including Carpenters, Millwrights, Carpet Layers, Heavy Highway Workers, Cabinet Makers, Pile Drivers and Residential Carpenters.

9. We're in close cooperation with local business, government and the Master Builders Association and we look forward to a period of growth and prosperity for Western Pennsylvania.

10. We have a staff of qualified Business Representatives and Organizers always ready to expedite your firm's needs.

The Carpenters' District Council of Western PA
495 Mansfield Avenue, Pittsburgh, PA 15205 • (412) 922-6200
You'll be glad you used original AIA contract documents. Few projects sail to completion without some problem along the way. Unless a contract clearly spells out duties and responsibilities, you risk sinking into a dispute that can cost time and money. Using an original AIA contract document helps keep your project afloat. AIA documents are commonly accepted, industry standard forms. Based on years of legal precedent, they are updated to reflect changes in the industry and recent court cases.

AIA offers nearly 100 documents to cover most every situation. Call us today and keep your next project on course.

AIA PITTSBURGH
211 NINTH STREET
PITTSBURGH, PA 15222
412/471-9548

Use original AIA documents every time.

Upcoming Issues
The following is a preview of the feature articles in upcoming issues of Columns. We encourage all firms to submit projects for our portfolio issues, or call if you think you have something to contribute to a topic. We encourage members to write articles and call with story ideas. When submitting photographs please submit a self-addressed stamped envelope for their return, and write firm and project name on back of drawings or photographs. The deadline for submission is always five weeks prior to publication date.

NOVEMBER — Design Awards
DECEMBER — The New Urbanism: Plans for Pittsburgh
JAN/FEB — Pittsburgh’s husband and wife architect teams; A look at Downtown development

Please note: Tickets are available only from the Byham Theater box office. Call 456-6666.
Kolbe & Kolbe® PREMIUM WOOD WINDOWS and DOORS

From products simple and economical, to specialty creations of incredible beauty, Kolbe's fine wood windows and patio doors are the creative elements for unparalleled architectural freedom.

As a company who specializes in custom arrangements and whose quality is absolute, Kolbe & Kolbe manufactures ideas into spectacular reality.

Kolbe & Kolbe windows are available in both standard and custom sizes, custom designs, aluminum clad or maintenance-free K-Kron finishes in a variety of beautiful colors with every glazing option available, backed by a 20 year warranty.

For new construction or replacement, commercial or residential applications, Kolbe & Kolbe has nearly 50 years of experience in fulfilling architectural demands for uncompromising quality, superior design and creative versatility.

RECENT KOLBE & KOLBE PROJECTS INCLUDE:

- Nevillewood Clubhouse
- Nevillewood Carriage Houses
- Nevillewood Private Residences (several)
- Southpointe Country Club
- Chestnut Ridge Condominiums
- Fox Chapel Presbyterian Church
- Westminster Presbyterian Church
- D.T. Watson Rehabilitation Center
- Curry Senior Citizens Home
- Grace Manor Nursing Home

Al Lorenzi
BUILDING PRODUCT CENTERS

Washington, PA 1-70, Exit 6 – 1600 Jefferson Ave.
Washington (412) 222-6100 Pittsburgh
(Toll Free 412) 561-6610

McMurray, PA Rt. 19 at Donaldson's Crossroads
(412) 941-4800

Now in WEXFORD, PA Perry Highway (Rt. 19)
(412) 933-3220 across from Wright Pontiac