

# C O L U M N S

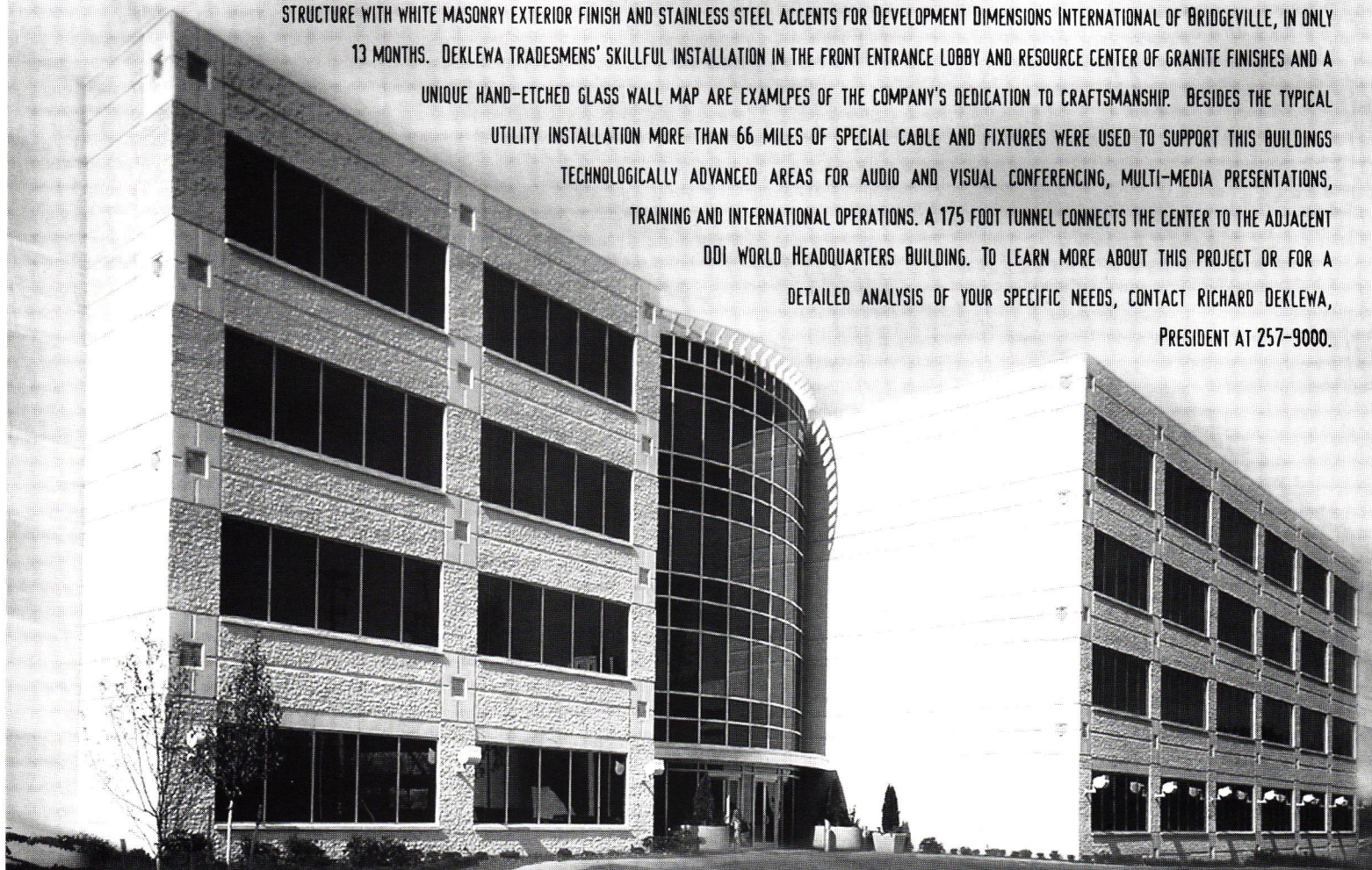






# DEKLEWA DEVELOPS A NEW DIMENSION

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



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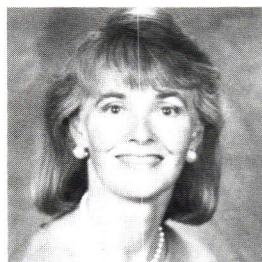
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GENERAL CONTRACTORS BUILDING SUCCESS



# It Takes A Village

by Cheryl R. Towers



*"A whopping 61% of respondents made the decision to become architects before attending college."*

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**On the cover:** Caté Bean, renovation design by Peter Margittai.

## A group of friends join my husband and I

for a week of windsurfing every spring and Thanksgiving on the Outer Banks of North Carolina, and this year was no exception. The group has evolved considerably since we started these hejiras fifteen years ago. At that time, there were seven guys and I. Trust me, it was ugly. When the wind didn't blow, it was like a house full of pouting eight year olds. As time went by, there were personnel shifts in the group. Some of the guys went on to other things; the remaining troops acquired girlfriends who soon turned into wives, dear friends and fellow windsurfers. The pouting mitigated as it occurred to everyone that this was a pretty nice place to be, and a terrific collection of people to be there with, wind or no.

The acid test in evolution occurred a bit over four years ago when one of the couples announced that they were "with child". We were all anxious - we had all become like family to each other and these trips were the semi-annual high point of our year. Eight adults in a house at the beach for a week was suddenly going to become a very different experience. Laing arrived right on schedule and soon became the hit of the party. The group expanded to include a doting grandmother and assortment of aunts who came along to babysit. We would sail our heads off during the day, eat our usual evening feast, and collapse into chairs to wait for a respectable hour to arrive so we could go to sleep, exhausted. Instead of re-hashing events of the day, though, we found ourselves with a baby in the middle of the floor entertaining us. And within two years, brother Hunter arrived to continue this new tradition.

This spring, Dad and Laing came alone for the first part of the week while Mom dealt with a crisis at work. Grandma and the aunts weren't available. There was no discussion — of course we would take turns and fill in, and have fun doing it. When Mom arrived, she and I wound up discussing how important it is for kids to have adult "friends" outside of the family who take an interest in them and nourish them. The adults are as nourished as the children - we're reminded of the vulnerability that a child has making his or her way in the world, and the sheer joy of play for

the sake of play. Both of us had had similar influences when we were young, and remember them fondly.

Young architects need similar nourishment from established professionals. A newly minted graduate's steps can be shaky in the early years of practice, and guidance is essential. While the boss provides much of that, it's also very important to have someone outside of the workplace who can offer perspective and serve as a sounding board. Watching a young professional grow is somewhat akin to watching a child take their first steps - it's rewarding to be there and to know that you have had a hand in shaping the future. The future, after all, is what this is about. Without a fresh crop of talented, new, young professionals year in and year out, the profession as a whole will lose its energy and wilt.

Thanks to input from both interns and young architects along with old architectural hands, we examine the role of mentor in this issue. In addition, we bring you the results of a survey that was sent out to interns and young architects and that demonstrates some of their concerns. While we were not able to publish all of their comments, the complete survey results were shared with AIA Pennsylvania and is available for review by the Board and staff.

One number from the survey jumped out to be shared: a whopping 61% of respondents made the decision to become architects before attending college. This underscores the need to familiarize young people with the profession as a career option and to re-examine educational opportunities for younger people to insure that the field is attracting the most talented individuals. 26% made the decision while still in high school, 16% in junior high, and 19% in grade school.

And on a final note, remember that May is Historic Preservation Month. The highlight for Pittsburgh will be the National Main Street Conference May 17 - 20 to be held at the David L. Lawrence Convention Center and the meeting of the National Trust for Historic Preservation trustees who will also be visiting the city that same week.



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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Columns is printed on recycled paper.

# Speaking of Tongues, Life Rafts and Interns

by Anne Swager

## Betsy, my oldest daughter and now a

freshman in college, calls home frequently. She promised me she wouldn't really miss me when she went off to college but it's amazing how often she just has to touch base.



*In this issue of COLUMNS, we talk to that part of the architectural community who probably likewise could use a life raft or at least a flotation device once in awhile.*

During one memorable call, she sounded funny. It was almost as if she was slurring her words, but I was pretty sure alcohol wasn't playing a part because she was making terrific sense. After some nudging and prodding, she promised to reveal why she was talking strangely if I promised I wouldn't get angry. This is the point where you know as a parent that a bomb big enough to blow up China is about to drop. So, like every good parent I lied when I promised not to get mad if she would just tell me. First she subjected me to my own logic which went something like "if you are going to mutilate your own body, just make sure it's not permanent." I thought this was tremendously sound when I delivered it, and was sure this would certainly convince her that tattooing and body piercing were dumb ideas.

Not so. She had opted to have her tongue pierced but rapidly told me it would grow back and heal itself the minute she removed the barbell. I was too repulsed to be angry. Since that delightful call, she's told me other even more disturbing tidbits about the lengths that college students go to draw attention to themselves. I always thought it was a definite sign of outstanding mothering when your daughter told you most everything, but now I'm praying for blissful ignorance.

My own Mother never ceases to remind me that I was a difficult child and is now claiming just desserts. She claims I was wild as a "goat", and even though I have no personal experience with goats, from my current parental viewpoint Betsy is a lot more centered than I was. My initial career choice of banking with the very austere Mellon Bank was pretty far a field from my personal strengths and in fact, zoned in mostly on my weaknesses. In retrospect, it was a wonderful learning experience, but it was nothing short of

excruciating when I was going through it. I don't think wild horses, which I don't understand anymore than goats, could have kept me in banking. But, a mentor or a gentle guiding hand probably could have made it less gut wrenching. Possibly, someone was there sticking out a helpful life raft but I missed it and I really could have used it.

In this issue of *Columns*, we talk to that part of the architectural community who probably likewise could use a life raft or at least a flotation device once in awhile. If you are like me, which I hope isn't true for the vast majority of you, you feel a little out of touch with the shining youthful faces of the intern population. It's really hard to identify with their perspective when you have kids of your own, a mortgage, responsibilities out the ear and you would never, and I mean never, pierce your tongue. I hate feeling like a fuddy-duddy, but confronted with youthful energy after I've spent most of the night up tending to a two year old with an ear infection puts me into a downward spin. I hope I'm not the wet blanket I often think I am. I'd like to be able to use some of my hard earned adult wisdom to guide that youthful energy to a positive outcome.

Many of you are doing just that with great success. Laura Lee at CMU is working hard with fifth year students to ease the transition into the real world. She is focusing much of her efforts on strengthening the ties between the profession and the students. I hope her patience and dogged determination pays off. Over the past several years, Rich Bamburak from WTW has spent countless hours on the phone with interns dissecting the inner workings of NCARB. Lee Calisti and Ken Stehle continue to nudge their colleagues to get involved with PIYAF and to make a difference. All of us need to look outside ourselves and toward the future of the architectural profession, many of whom are already a part of the daily scene. Pausing to meaningfully work with and talk to these folks rather than tossing them yet another toilet detail helps us all work together when it really counts. Besides, it's not really that hard to do and thankfully, I haven't seen any of them sporting tongue barbells.



## Energy Code Update

Charles DeLisio, AIA reports that the existing energy standards ASHRAE/IESNA 90.1 – 1989 is being revised with the proposed new standards (90.1R) available for public review and comment. The proposed revisions, intended for publication in 1999, will significantly influence architectural design.

Federal law requires that all states adopt energy codes that meet or exceed the ASHRAE/IESNA 90.1 standard. 90.1 is also a reference standard for the U.S. Green Building Council's proposed LEED Building Rating System.

The proposed new standard 90.1R can be accessed online at [www.ASHRAE.org](http://www.ASHRAE.org) or purchased from ASHRAE by calling 1-800-527-4723.

## More CES

AIA reports that since the implementation in 1997 of continuing education as a condition of membership, 97% of AIA members are participating in the program. Institute CEO, Dr. Mark W. Hurwitz, CAE, noted: "This is not simply about our members staying up to date; it shows they recognize the challenge laid down in Dr. Ernest Boyer's *Building Community: A New Future for Architecture Education and Practice*." Quoting from the Carnegie Foundation for the Advancement of Teaching report in which Boyer wrote: "Perhaps never in history have the talents, skills, the broad vision and the ideals of the architecture profession been more urgently needed," Hurwitz continued, "the AIA is fully committed to stretching the usefulness of the profession beyond the traditional scope of practice to the entire community."

## Administration handbook now available

The Society of Design Administration has published the *Handbook for Design Office Administration* covering the areas of accounting, human resources, office administration, technical disciplines and marketing. For more information, contact Adela Popp at 210/227-7722.

## Pitt offers short courses

The University of Pittsburgh School of Engineering Division of Continuing Education is offering a short course in *Construction Project Management* (Course Number 17-3)

on May 7 & 14 from 9 a.m.-4:30 p.m. and *Construction Disputes: Avoidance & Resolution* (Course Number 18-3) on May 21 from 8:30 a.m.-4:30 p.m. Both courses offer continuing education credits. For information on fees, location and to enroll, contact the Division at 412/624-2640 or by email at [continuing@engr.pitt.edu](mailto:continuing@engr.pitt.edu).

## Denmark is for architects...

### • STUDY TOURS TO BEGIN IN SEPTEMBER '98

Building upon Denmark's international reputation for modern design, a series of professional study tours have been organized by Study Denmark, a non-profit agency formed by the government and private groups related to tourism. The first architectural study tour will be conducted September 4-16 and is now receiving reservations and inquiries. Study Denmark is a registered provider with the AIA Continuing Education System. Contact Study Denmark at 1-800/223-4664 or on the Internet at [222.study.dk](http://222.study.dk); email at [info@study.dk](mailto:info@study.dk).

### • A PLAYGROUND FOR ARCHITECTS

*Denmark Review* reports in the January 1998 issue that a massive development called Ørestad will create a brand new urban district for Copenhagen. The project is planned over the next 20 years. The district is unique in that the alignment of public transportation will occur first, and developers will adapt to it rather than the reverse. The plan is based on the results of an international architectural competition that has assigned 60 percent of the area for commercial property, 20 percent for residential property and the remaining 20 percent for other purposes, including commerce, services and culture. There is a premium placed upon green space and the whole urban area amounts to 3 million m<sup>2</sup>. According to the report, "There is little doubt that, over the next 20 years, Ørestad will become a playground for architects and

engineers wishing to put their mark on the Copenhagen of the 21st century."

### • AND WHILE IN DENMARK...

Visit Koldinghus, a 700 year old castle in Jutland that was recently restored to reflect its long history by incorporating interiors from the 16th century to modern times. The castle was first built in 1268, and was rebuilt five times, including in the mid-19th century after it was destroyed by a massive fire lit by conquering Spaniards attempting to keep warm.

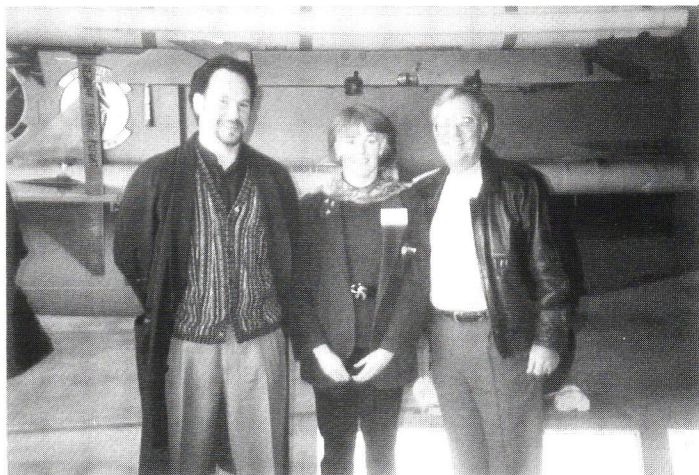


**Don't forget to vote  
for the Allegheny  
County Charter on  
May 19.**

## “Notable Quotes”

Seen any good quotes in 1998 from architects or about architecture and design? If so, send them along to us for inclusion in a later issue.

Send to Editor, *Columns*, AIA Pittsburgh,  
211 Ninth St., Pittsburgh, PA 15222.



**Frank Golba, AIA, Cheryl Towers, Professional Affiliate, and John Kosar, AIA investigate the "architecture" of an F-15 Eagle at Langley Air Force Base.**



# Mentor, not just the trusted friend of Odysseus

*The role of the mentor remains an important one for the development of competent professionals.*

by Lee Calisti, AIA and Ken Stehle, Associate AIA, Co-Chairs, PIYAF

*"All fine architectural values are human values, else not valuable."*

— FRANK LLOYD

WRIGHT

THE LIVING CITY 1958

Since the beginning of our modern concept of the architectural profession, a promising individual seeking passage into the field was led by a sustained working relationship with an experienced professional. The task of this professional was to educate his/her young apprentice, to pass on information and experiences, and to guide him/her through the stages of learning and professional development. In this way, achieving the status of 'architect' was through the direct guidance of only one or two individuals. These individuals fulfilled the roles of employer, teacher, advisor, and mentor.

Over the last 100+ years we have observed significant changes in how education, experience, registration and responsibility are granted in this profession. The roles, titles, and responsibilities of both participants, that of the professional and the apprentice, have changed. Moreover, the architectural profession became more complex and the role of the mentor also changed. Even so, it is this role that remains vital to an architect's development.

If we trace the history of our profession back to the Renaissance, we can find great architects such as Brunelleschi

and Palladio beginning to make the distinction between design and construction as well as architect and builder. The role of the architect as the builder began to diminish and continued to do so up through the 1800's. The profession as we know it in America has its roots in the Parisian Ecole Des Beaux-Arts, where young gentlemen received their instruction and preparation through apprenticeships. In the late 1800's, architects such as H.H. Richardson brought their Parisian education to America to educate prospective architects in the manner in which they received their training.

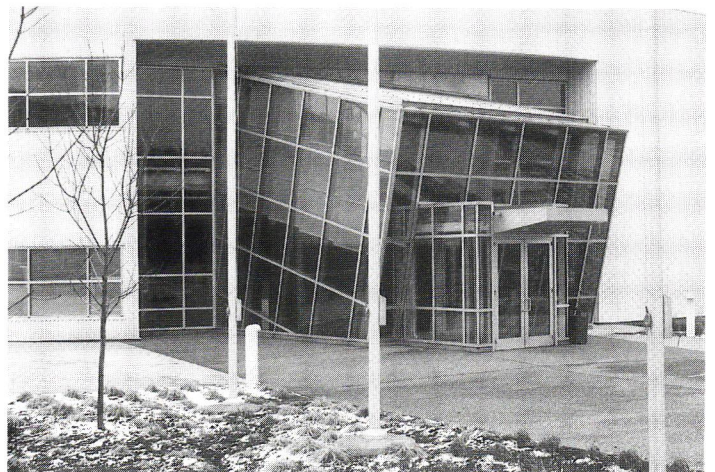
During the early twentieth century, architects such as Frank Lloyd Wright carried on this responsibility for employing, teaching, advising, and mentoring their apprentices. The early 1900's saw the first licensing law and beginnings of regulating the practice. Still, some architects were being introduced into practice without a university education up until the 1980's. Thomas Schmidt, AIA of Johnson/Schmidt and Associates, told us of his experience in starting into this profession in the late 1950's. "I started working for an architectural firm right out of high school. I was the office

## Pittsburgh Intern and Young Architects Forum

As part of learning more about the building industry, our profession, and future projects in the city, we conduct monthly site visits to projects under construction. Pictures with this article document just some of the sites we have visited on at least one occasion this past year.



**IBACOS House on Washington's Landing.** IBACOS is a local company that works with the building industry to develop new technologies and systems to make housing healthier and more affordable.



**FORE Systems.** Studio Architecture and Perfidio Weiskopf Architects, Mascaro Contractors. PIYAF visit to this site occurred after construction was complete and the building occupied.





**Downtown Lazarus Department Store.** Cooper Carry/ Graves Architects. The site of this new department store was home to the former Farmer's Bank Building, which was imploded in May 1997. This building marks the first of its type to be built downtown in recent years.

boy, draftsman and gopher." Without formal education, Tom continued to work for an office for 12-13 years until he was eligible to take the architectural registration exam. "I was taken in by Jim Johnson, AIA and he was my mentor as I worked my way into being his business partner," stated Tom.

The long tradition of the strict apprenticeship has been abandoned as more and more architects are formally educated at an established university. In fact today, architects can no longer become registered strictly through apprenticeship. One *must* hold a professional degree from an accredited school. Additionally, most states have adopted the additional requirement of following the NCARB Intern Development Program (IDP). The concept of a single mentor/teacher/employer has been abandoned and replaced by university faculty, firm employment, and state registration exams. Essentially, the steps toward achieving license have been reformed, broken into separate and distinct curricula and modified throughout this century. While this has given rise to better control of the profession over itself, its members, their education, and our environment, it has also permitted a deficiency in the mentor/advising role in relationships between the experienced practitioners and their interns.

What has happened throughout the latter twentieth century is the emergence and evolution of a new system for acquiring status in the profession. New governing agencies and terminology have been introduced (all with their own acronyms) such as the ACSA, NAAB, ARE, NCARB, and IDP. Each of these organizations/programs was estab-



**Mon Wharf and Retail District Walking Tour,** John Rahaim and Arch Pelley. This downtown tour concentrated on city planning proposals to lower the Parkway, construct a new bridge, and create a two-tiered park between the Monongahela River and downtown.

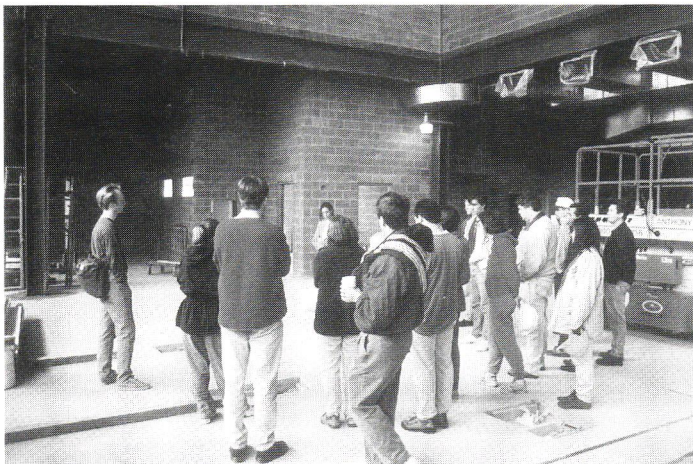
lished to control the types of education and experiences one can expect when preparing to become a registered architect. Since the mid 1980's NCARB has developed IDP as a structured path for interns to follow to fulfill the necessary breadth of experience for examination and licensure, while in turn providing the experienced professional a new opportunity to recapture the role of mentor.

IDP was begun during the 1980's to correct and alleviate the problem of interns who were well experienced in certain areas of architectural practice and less knowledgeable in others. Beyond the necessity to fulfill a required number of hours of work in particular study areas, interns must collaborate with two other key individuals: a sponsor and an advisor. These roles offer the new mentoring opportunities.

The selected sponsor is an architect and is typically the intern's daily supervisor. The advisor, also an architect, is usually from outside the office. The intern meets with this person periodically to review training progress and to discuss career objectives. An advisor relationship is obviously the more difficult of the two to establish, and of these two roles, it is the least likely to end up being a long-term commitment. It is through these relationships that the architectural profession's historic mentoring system is personified.

According to Todd Symonds, Associate AIA and Brian Greene, Associate AIA interns at KSBA, "Ideally, mentors allow interns access to the experience of understanding





PIYAF members on site visit.



**Pittsburgh Zoo – Kid's Kingdom**, Indovina Associates, Landau Contractor. For the past few years, the Pittsburgh Zoo has seen a lot of new construction. One project was the introduction of Kid's Kingdom. Two site visits were conducted here, each of them including the project manager, contractor, steel fabricator, and zoo personnel.

systems, sequences, and production without always following the 'school of hard knocks' approach. Mentoring allows an intern to review the 'knocks' while separating real and imagined issues." Julie Reker, Associate AIA of Lami-Grubb and Associates stated, "My mentor was a great motivator when I was trying to finish the last parts of the IDP process and beginning to study for the exam. He kept me focused on the bigger goal and how it was actually part of my everyday job."

We have a profession of young interns and graduates proficient with CADD and other computer programs and an older generation with all the knowledge and wisdom of the profession. Although some elder professionals may have never needed to or had opportunity to become proficient at using computers, they still possess the intangible wealth of experience. It is through a relationship that this wealth is passed on to the younger generation. In years past, mentoring often took place through simple office routines. The project architect or firm principal would walk directly up to the intern's desk while he/she was working on a drawing taped to the desk. Here, valuable discussion would occur. The intern would not only receive specific direction to the task at hand, but also get an intangible benefit while listening.

In today's computerized architectural world, it has become the practice in many firms for the intern to plot the drawing and leave it for the principal to review and mark at a later time. This hinders an intern in gaining valuable exposure through personal interaction. Tom Schmidt, AIA noted,

"Computerization made a big change to the practice. But people still need someone to turn to for help. Mentoring is important to the newest members of the office, but it should be happening at all levels in a firm. It can happen through a team approach as well as one on one."

Personal interaction is being sacrificed at times as today's architectural practice attempts to keep pace with technology and computers. Nevertheless, there are new opportunities to maintain the continuance of this priceless mentoring relationship. Investing time with young professionals will yield a return for the architecture firms as well as the profession. The passing on of years of experience and wisdom will slowly allow these interns to take on additional responsibilities. This permits the project architects and principals to focus on tasks suited for their experience level. Rich Bamburak, AIA of WTW Architects added, "In the 8 years I have been actively mentoring, I have found giving back to the profession very enjoyable. It is a position one cannot grow out of despite the fact that we all are still students continuing to learn."

Firms can only be perpetuated in the manner that the founders worked hard to establish if knowledge is passed on directly and responsibly to future architects. We must not forget that this is still a profession that has been and will be best served by invaluable mentoring partnerships.

What does it mean to you to mentor? Do you view your employees as future professional resources or temporary and highly specialized production personnel? Do you know

about the IDP process? Establishing a professional mentoring relationship with one of these young architects can be a priceless investment for your firm. Take a moment to evaluate your office staffing and visualize where you would like your firm to be in 20, 30 or even 50 years. It's time for the kids to learn to drive, but they need you to get in the passenger seat and teach them.

"Historically, most interns were trained by mentors. A daily working relationship allowed the experienced practitioner to transfer knowledge and skills to the apprentice. However, such a sustained learning environment became less attainable as architectural practice grew more complex. With the decline of mentorships, interns lacked a structured transition between formal education and architectural registration. A deficiency emerged in the preparation of competent architects." (IDP guidelines, pg. 7)

It was from Homer's the *Odyssey* that the term *Mentor* (the name of Odysseus' wise and trusted counselor) found and gained meaning in the French and English languages. Since that time, the words "advisor" and "teacher" have become synonymous with its definition as well.

*Lee Calisti, AIA is project architect with Integrated Architectural Services; Ken Stehle, Associate AIA is intern architect at WTW Architects.*



# Interns and Young Architects Speak Out

*43 interns and young architects responded to an AIA Pittsburgh survey circulated this spring. Some of their responses follow.*

## General Survey

- 61% of respondents made the decision to become architects *before* college.
- 56% received their first job in an architectural firm during college.
- 58% have attended PIYAF events.
- 56% perceive the AIA as helpful. However, several worried that programs and events are too expensive for those just starting out at the bottom of the pay scale in what is generally thought to be an underpaid profession.
- 58% report attending AIA events.
- 70% are aware that AIA Pittsburgh has a placement service. The majority of comments were favorable.
- 58% felt that they have a future with their current firm.
- 79% of those who have attended ARE classes do not feel that the classes prepared them for the exam.
- 70% state that they have created original projects (architectural and art) without the aid of their firms. (Be sure to visit the Intern and Young Architect exhibition in the AIA Gallery to see many of them.)

## Intern Development Program Survey

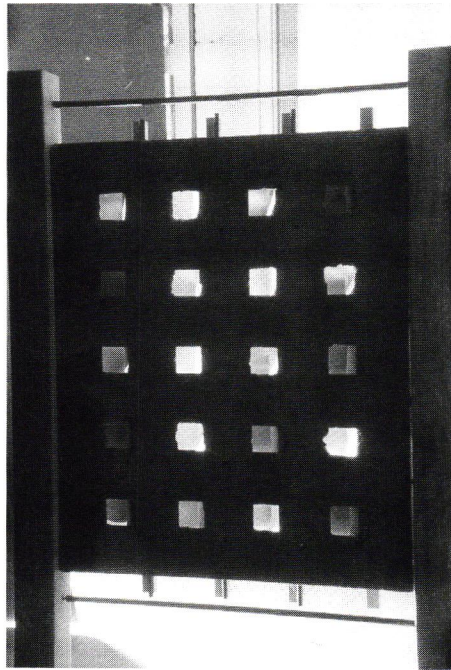
- 68% felt that their education prepared them for the responsibilities of their first job.
- 76% felt that their school could have prepared them better for that first job.
- 71% felt that they could have prepared *themselves* better for their first job.
- On a scale of 1 to 5 with 5 rating highest, the average score was 3.9 as to how important CADD ability was to being hired.
- 62% have applied for IDP and established an NCARB record. One who has not gave as a reason, "Out of sight, out of mind."
- 54% are satisfied with their employer's assistance in the IDP process.
- 39% think that their need to fulfill IDP requirements has caused their employer to expose them to areas of architecture to which they might not otherwise have been exposed. Several note that they could probably get better exposure simply by asking their employer for more.
- On a scale of 1 to 5 with 5 rating highest, the average rating for the IDP experience was 2.3. Only 27% indicated satisfaction with NCARB (cost and paperwork were most often cited as detriments to the process).
- 61% report having a mentor that they work with on a regular basis and who provides them with a well rounded, professional experience.
- 73% report that they would stay at a job with average/less than average pay in exchange for receiving vast exposure to many aspects of architecture and/or a fair amount of responsibility.

Feelings about IDP varied widely, from those who felt that "It is critical to set standards for what people should know in the profession" to "a necessary evil" on down to "I do as little as possible to meet the requirements." Probably the most realistic response was "It is what you make of it." (*This section compiled by Tim Weyand, AIA who shared the responses concerning IDP with AIA Pennsylvania's Board of Directors.*)



## PIYAF Exhibition Award Winners

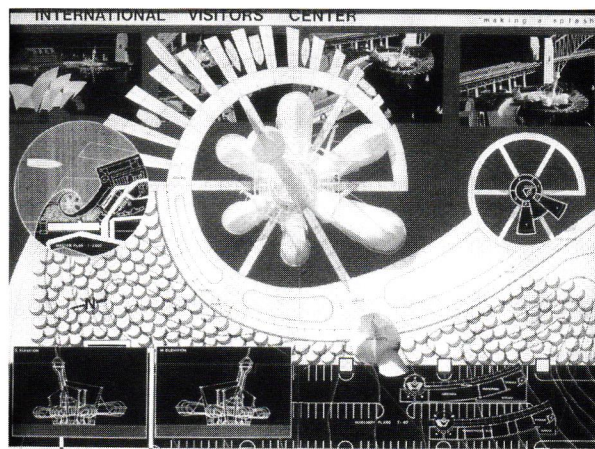
The Pittsburgh Intern and Young Architects Forum is sponsoring Young Architecture, a juried exhibition of members' recent work in the AIA Gallery June 3-17. The opening reception will be held Friday, June 5, 5:30-7:30 p.m. Jurors for the exhibition were: John Martine, AIA; Murray Horne, Curator of The Wood Street Galleries; and Michael May of *Pittsburgh Magazine*. Best of Show winner, Peter Margittai, Café Bean renovation, Washington, PA is on the cover. Other winners are shown here.



**BEST IN SHOW THREE DIMENSIONAL:** *Wind Wall*, Aron Temkin



**BEST IN SHOW TWO DIMENSIONAL:** *Silhouettes at Opera House*, Kenneth Schrock.



**BEST IN SHOW ARCHITECTURE/UNBUILT:** *Olympic Visitors Center*, John Campbell.

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## On Establishing Values... by Sylvester Damianos, FAIA

*Reflections about the practice of architecture from one of the Chapter's most distinguished members.*

*"The strength you exhibit by the values you set and the commitment you make to excellence will earn you respect; the cost of services will not."*

— SYLVESTER DAMIANOS, FAIA

I find it very difficult to believe that in a few short years my life in architecture will have spanned half a century. It has been an incredibly challenging, exciting and satisfying career that has never been boring.

As a rookie I can recall being told that I should expect to learn something new every day. That certainly has been the case. As an intern I was told to beware of getting stuck doing stair details and door frames. I had my share of that but it certainly was worth the while. As a young practitioner opening my first office in 1967, I was advised to remain flexible. What other choice was there? With three very young daughters, a house mortgage, and no projects lined up, I left a very comfortable position with a guaranteed opportunity for advancement and ownership and decided my philosophical aspirations had to be satisfied.

My first firm was founded in 1967 and my former partner Jim Pedone, who had been with Westinghouse (remember that company?) at the Corporate Design Center in its early days of formation, managed to line up one interior architecture project from Westinghouse; that easily led to a few more and a very steady diet of interiors for the next five years. Understand that this was when few architects cared about interiors at a time when the opportunity for the profession to broaden its scope of design could have been greatly enhanced — but the profession was slow on the uptake. At the time, I recall colleagues calling and asking me why I had given up architecture. Seems funny now, doesn't it? At the time, it was a stroke of good fortune because I learned a great deal about architecture from the inside out and how to complete the design process.

Today, of course, interiors is but one of many facets of the profession that are now within our delivery capability. Non traditional approaches to design, problem solving and construction have led us into quite a few new arenas and in competition with many others who are not architects. The beauty of this new world of practice is that it opens up so many new doors and allows us to stretch the unique tal-

ents of the architect. The danger is that it puts us on a playing field with others, who may have the technical and business edge, in providing those very services that extend us beyond the traditional architectural practice.

Regardless, it is a healthy sign that many of us are now involved with a number of professional services that at one time had been counter to the former AIA Code of Ethics. Real estate ownership, commercial development, construction management, and design-build, to name a few, have given many of us additional opportunities to define our goals, expand our services and attain some level of success. A former colleague on the national AIA Board ana-

lyzed his existing professional life out in the Dakotas and determined that with limited effort, he could take on additional areas of responsibility in the design and construction game without increasing the number of hours he worked. He relied on his own findings, redefined his title to include design-build — and quadrupled his income by doing the very same job he did as an architect and spending no more hours than he did in his traditional practice! This architect realized the value of his services, made a gutsy move, improved his financial position, gained greater satisfaction and, quite naturally, took on more responsibility and liability in the process. After five expansive years, he increased the worth of his company many times over, sold it and retired.

I am not advocating that the architects of this world should follow suit. I am, however, trying to point out that our ba-



PHOTO BY BALHAZAR KOPRAB LTD.



talents, along with our education, provide us with great tools with which to serve society. Each of us is responsible for establishing our own values. How we manage that is critical, for it is in this regard that I have a growing concern. At the same time that the profession is progressing in the development of related skills and abilities in architecture, there seems to be a strong indication that we collectively are lowering the value that we place upon these very skills and abilities. The net effect of this devaluation is that it puts our liabilities and responsibilities at great risk. As architects, our individual professional registration obligates each of us to protect the health, safety and welfare of the public. That obligation cannot be taken lightly, for it stays with us long after designs are completed and structures built.

Certainly there are legitimate reasons for this challenge of our values. Tight budgets, incredible computer programs, and fast deliveries are some of the excuses thrown about today. My message to those of you who are just starting out is not to confuse the cost of the professional learning curve with the investment you are making for your future. The decisions you make today in establishing the basis for your practice and in creating a value for your services certainly will impact your future. You are the best judge of your ultimate worth. Don't allow others to tamper with your value. The strength you exhibit by the values you set and the commitment you make to excellence will earn you respect; the cost of services will not. My experience has proven to me that good potential clients will seek you out because of your talents or because

they simply like what you do. The cost for your services to those clients should be a secondary issue to them.

Finally, don't forget the basics of architecture. The technical aspects of recent developments have given the profession a new image and service capability. The computer, of course, is a remarkable tool in the right hands. It does not replace anything in the process of design. It does enhance the process in many, many ways and it certainly improves the way we can communicate our ideas to our clients and our colleagues in construction. But the computer does not separate us from the multitude of others who have mastered the unique and exciting programs that are available. What separates us is the ability to draw, to conceive, and to see what does not yet exist on paper or in structure. This is a very special gift that we share in this profession. That gift has value.



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## A New/Old Way of Seeing

by Gerard Damiani, AIA & Aron Temkin

*Building Documentation is important in the education of architects.*

To the designer, the drawing is the linguistics of form. In other words, if a drawing can not be understood it cannot be built. More than anything else, we rely upon drawings to develop a building's design and facilitate its construction. Students must remember that the drawing is vital to the realization of this process. As part of the first year design core at Carnegie Mellon University School of Architecture, the act of drawing is introduced as a way of both testing and representing ideas and a method of learning new ones.

We teach young architects to record what they see through the use of the drawing. As a traditional exercise, students are often directed to "learn" a significant building through the development of measured drawings. This teaches how we record what we see; how to better understand a building's organization and composition; and how to discover the way a drawing may communicate some of these issues. Recently, the students of Bruce Lindsey, Marsha Berger, AIA, Augus Rusli, Brock Onque, Gerard Damiani, AIA and Aron Temkin focused on the built architectural legacy of the Carnegie Mellon University campus to test these beliefs.

The exercise began as a series of lessons regarding field notes and on-site documentation techniques. Students simplified the building into more manageable plan and sectional abstractions, then proceeded from the most general to the most specific. This information was transferred into the composition and production of hardline plan and section drawings. Due to their limited experience with construction, any space or volume which was considered unknown became *poché*. This also served as an exercise in distinguishing public from private space: the drawings were to document only the most public spaces of each building.

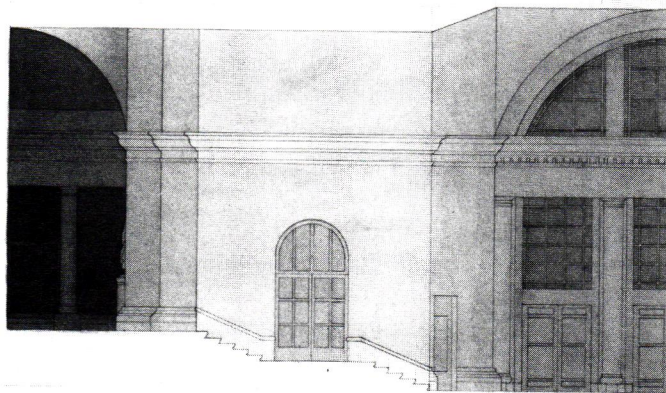
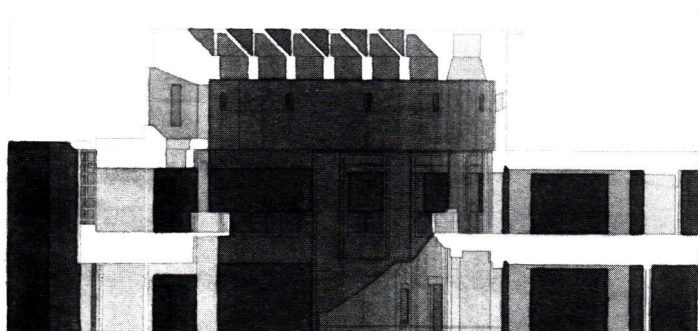
The plan and section became the framework for a series of delineation exercises. The first of these was a lesson in traditional monotone watercolor wash. The students were taught about the basic materials and preparations, including the preparation of a mother wash and then rendered a portion of their section twice using this technique. By assigning the same drawing twice, the first draft became less vital, permitting more useful mistakes (and therefore improvements) to be made.

The second of the delineation exercises dealt with ink drawing techniques on mylar. Substantial time had already been spent during the first part of this project on line weights when drawing with pencil. Using a minimum palette of three pens (and a recommended fourth), the students again rendered a portion of their original section drawing. This assignment was a useful exercise in understanding delineation relative to a scale. They could establish depth with as many layers of wash as they chose, while the pen and ink drawing required them to establish four appropriate levels of depth and detail.

At the outset of this assignment one of our more worldly students asked, "Why, if everyone in practice uses CAD, do we spend so much time learning to draw?" There is a difference between learning a skill and learning a tool. It is our goal to demonstrate how certain graphic techniques can reinforce architectural ideas and observations, and that drawings are made and crafted not to replicate but to be methods of learning and sharing. For all of the strengths of CAD, we are still limited by the skills of the programmer. The results of this assignment serve as an optimistic reminder of the strength that these traditional techniques can communicate to the foundations and future of our profession.

*"It is our goal to demonstrate how certain graphic techniques can reinforce architectural ideas and observations, and that drawings are made and crafted not to replicate but to be methods of learning and sharing."*





***Student drawings, clockwise starting top left:***

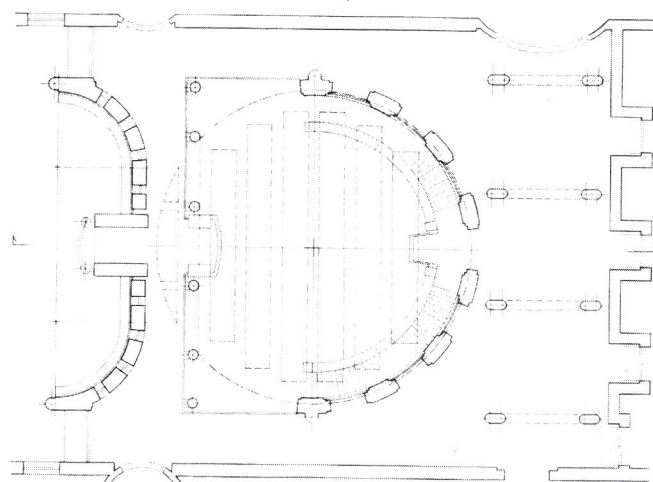
University Center, Michael Dennis and Associates  
**Chris Ilg**

GSIA, Kallmann McKinnell and Wood  
**Wilson Lau**

College of Fine Arts, Henry Hornbostel  
**Andrea Love**

University Center, Michael Dennis and Associates  
**Matt Cross**

College of Fine Arts, Henry Hornbostel  
**Jennifer Tam**



*Mother wash refers to a premixed volume of diluted watercolor pigment that will allow the entire composition to be completed in one consistent tone.*



# Homegrown Architecture

by David J. Vater, AIA

*An old favorite is updated, expanded and happily reviewed.*

There is a uniquely American pride expressed in the term "homegrown." That simple phrase, often nobly hand lettered onto a makeshift sign, still makes us take notice. Despite the global marketplace and an ever expanding world-wide-web, we trust that behind these words lies the unmistakable quality of devoted cultivation.

Once again the Pittsburgh History and Landmarks Foundation (PHLF) has produced such a local product of exceptional quality, in their latest book entitled Pittsburgh's Landmark Architecture, the Historic Buildings of Pittsburgh and Allegheny County, by Walter C. Kidney, published by PHLF in 1997.

The new book is in essence an outgrowth of Mr. Kidney's earlier PHLF publication, Landmark Architecture, Pittsburgh and Allegheny County, 1985. The new publication is a greatly enlarged version of the earlier work with over twice the number of pages (354 to 717) with new portions of the text, additional photographs, a bibliography, and other improvements to earn for it a new title and the need to make room for it on your bookshelf.

Like its predecessor, the work is an offshoot of the earlier PHLF architectural surveys of this region, conducted in 1966 and 1979-84. Their groundbreaking effort has been acknowledged as the first "county-wide" survey of the architectural heritage in the United States.

This book, like its prior version, was modeled on the much earlier one by Jamie Van Trump and Arthur Ziegler, published as Landmark Architecture of Allegheny County, 1967, which was organized into two parts: an introductory essay on the development of local architecture, and a catalogue with brief descriptions of local sites. In all aspects the new publication follows this tried-and-true format, but does so with such improved photography and greatly expanded depth as to easily surpass each of its two predecessors.

Mr. Kidney subtitles his lengthy introductory essay "The Poplar and the Ailanthus, Architecture in an Industrial Region." But one should not be disarmed by that foreign looking word. The ailanthus and the poplar are simply two introduced trees not native to our soil, which have adapted and spread so readily in our region as to seem indigenous. After planting that metaphorical seed Mr. Kidney develops and unfolds his text without further botanical reference. His title is wonderfully apt, as this tale of architectural history branches out and blossoms across the soil of Western Pennsylvania.

While he recounts this city's unique geographic setting, the Colonial fortifications, the early roads and bridges, industrial growth, the formation of a downtown urban center, he is also sharing with us the advancement of American architectural theory and the distinct stylistic progress of our own geographic region. Along the way he introduces us to the likes of Latrobe, Chislett, Richardson, Osterling, Alden & Harlow, Hornbostel, Ingham & Boyd, Janssen, Scheibler, Cram, Stotz, Berndtson, Gropius, and Pei.

A longtime architectural historian, and author of ten books, Mr. Kidney leads us along with the deft skill of an expert guide. It is certainly a treat to benefit from his knowing eye and gentle manner. His expertise is particularly evident in making one's way through the overgrown tangle of the eclectic Victorian styles. Mr. Kidney is like a seasoned gardener who knows and loves the particular natures of each of the plants he has long tended. Who else would write, "Thus Queen Anne's touches of not-too-serious nostalgia disappeared and Tudor's more scholarly quaintness took their place. The Colonial Revival, which began as a cheerfully sloppy style, as loosely organized as the Queen Anne,

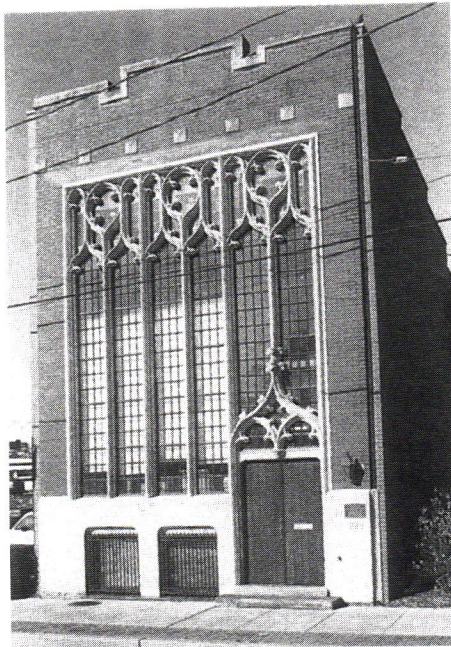
*"Mr. Kidney underscores the importance of such a study by noting that these local products of the architect's art 'help us to better understand the history, culture, and enduring significance of the region and furthers our enjoyment of the communities in which we live.'"*



**Farmers Deposit National Bank, Frank Furness, architect, c. 1885.**

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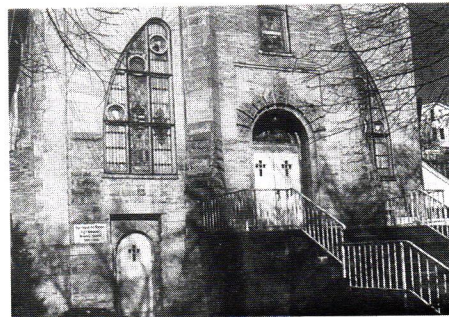


***Osterling studio and office,  
Frederick J. Osterling, facade architect, 1917.***

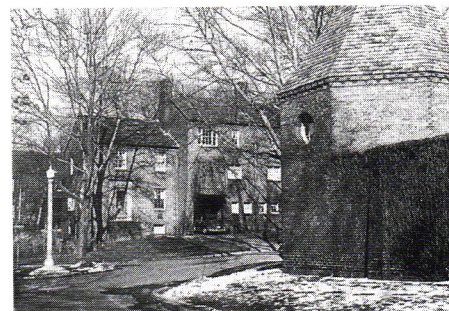
turned in the 1890's into a style of boxy simplicity - though with big front windows of un-Georgian dimensions - under high roofs with heavy trim imitated from the homes of the Yankee rich of the century before; then the florid detail contracted, the proportions became more carefully studied, and the tasteful and discreet Neo-Georgian emerged."

The "Poplar and the Ailanthus" is accompanied by a bountiful selection of period photographs providing the reader with a glimpse into the high points of our local history of architectural design. The photographs, in scholarly counterpoint to the latter part of the book, were selected to depict much of Pittsburgh's lost architectural heritage which has been demolished and replaced by succeeding development. What fun for the reader to revisit the carpenter-gothic interior of an 1860's river packet or to view the powerful solidity which was once Frank Furness' Farmers Deposit National Bank on Fourth Avenue.

The second two-thirds of the book presents the catalogue of existing buildings, and has become a favorite part of the book for many. We are presented with a virtual field guide to the best of the existing architecture in Allegheny County. (Where the earlier book had listed 408 entries, this book contains 645 entries.) Nearly each entry has a photograph



***LEFT: Detail from the  
First Hungarian  
Reformed Church,  
Titus de Bobula,  
architect, 1903-04.***



***ABOVE: Chatham Village, Ingham & Boyd,  
architects, 1932,***

and lists the property name, address, dates of construction, original owner, architect, and provides observations on the style or history of that structure. This portion of the text is organized by neighborhood areas, which makes the book an invaluable companion for a weekend drive or as a helpful and informative source to consult over and over again, as one makes their way about the city.

Mr. Kidney underscores the importance of such a study by noting that these local products of the architect's art "help us to better understand the history, culture, and enduring significance of the region and furthers our enjoyment of the communities in which we live."

Mr. Kidney has accomplished his goal by providing us with the best and most useful compendium of the architecture in the Pittsburgh region.

If you should select this book from among the many glossy books about world architecture, you will be treated to words and images which bespeak the splendors of a homegrown architecture suited to the places where we live and enriched by the memories and associations of those who have called themselves Pittsburghers.



## From the Firms

→ **Ligo Architects** announced their involvement in a number of new projects: the design of a 30,000 sq. ft. building for an international headquarters in Lancaster Township, Butler County; the design of an 11,000 sq. ft. conference center as an addition to Camp Crestfield for the Pittsburgh Presbytery; a replacement branch bank for the First National Bank of Slippery Rock; and a new, free-standing Trust Office for the same bank.

**WTW Architects** is designing a new 50,000 sq. ft. residence hall for St. Francis College slated to be completed by late this summer.

**Damianos + Anthony, P.C.** is architect for universal access alterations, Phase II, at the Lawrenceville Branch of the Carnegie Library of Pittsburgh. Repal Construction Co., Inc. is the general contractor.

TEDCO Construction Corporation has recently completed renovations to the psychiatric ward at UPMC Aliquippa Hospital in Beaver, PA.

## Business Briefs

→ **Donald Carter, FAIA** and **Raymond Gindroz, AIA** of **Urban Design Associates** announced that **Paul Ostergaard, AIA** and **Rob Robinson, AIA** have been named principals in the firm.

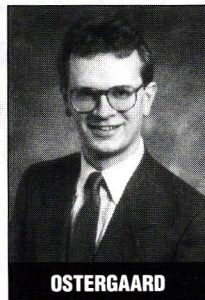
**KTH Architects** named **Ethan J. Hine, AIA** as a project architect.

**IKM Incorporated** announced the promotion of **Jeffrey K. Brown, AIA** to principal architect.

**Johnson/Schmidt and Associates** welcomed **Renz A. Weinmann, Associate AIA**, and John C. Samford, engineering coordinator, to its staff.

**Burt Hill Kosar Rittelmann Associates** announced two new associates in the Butler office: **James Eyth, Associate AIA** technical specialist/CADD operator and James T. Marsili, mechanical designer.

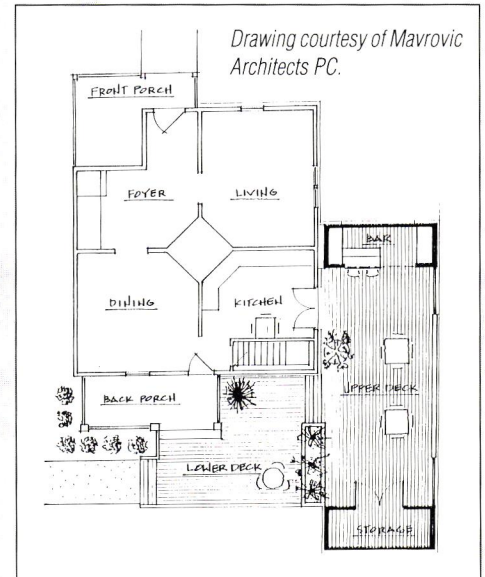
**Charles S. Kovach, Associate AIA** has joined the staff of Bayer Corporation as a project manager, and will oversee and coordinate architectural, engineering and contracting firms providing services for the company.



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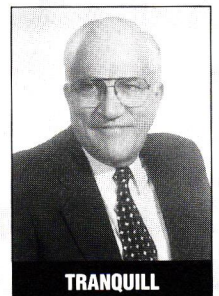
→ **Mavrovic Architects, P.C.** have won the first place award from *Pittsburgh Magazine* for the category of "Residential Remodels over \$25,000." The winning entry consists of an addition to an 80 year old Victorian home in the Shadyside neighborhood. According to the judges, the design is "A classically simple, creative solution. A utilitarian task solved by good architecture that enhances the rest of the home. It adds interesting angles to the home. A superior job."



**Raymond Gindroz, AIA** is featured in the March/April issue of *Preservation*, the magazine of the National Trust for Historic Preservation. "New Hope for Failed Housing" reports on the adaptation of New Urbanist ideas as "a more astute way to revitalize inner-city neighborhoods and rebuild urban low-income housing." As co-chair of New Urbanism's inner-city task force, Gindroz is quoted extensively in the article, and three of UDA's projects lauded by HUD are featured (Diggs Town in Norfolk, VA, and the neighborhoods of Randolph and Cary in Richmond, VA). As quoted in the article, Gindroz states that "in these traditional building types there's more than architectural form. There's a whole expression of culture that is coincident with how our society works....One woman told me she liked her porch because when on it, she knew what was going on in the street, and when she was not on it, she knew there were things going on that wouldn't be if she was on her porch."

## Passages

→ Cecil Tranquill recently retired after more than seventeen years as director of operations and human resources with Burt Hill Kosar Rittelmann Associates.



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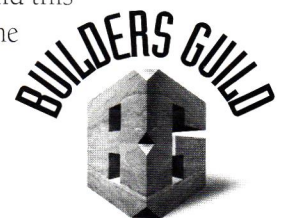
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**WE'RE RECALLING OUR PAST...** Our forebears were the medieval guildsmen whose genius and craftsmanship were responsible for the world's enduring monuments. Membership in a guild was highly sought and nobly earned – a prize won after years of apprenticeship under a master's tutelage. Since trade union members must complete a similar education process today, we're creating a new entity – the Builders Guild. It is a tribute to our members' training and craftsmanship. It also is a promise of quality that is, quite simply, unequaled.

**... AND WE'RE CHANGING OUR STYLE.** There will be no more management and labor – no more “us” and “them.” Instead, it will be all of us. We acknowledge that management's need for fair profit and our need for fair wages are different aspects of a common goal. To reach this goal, we've established an advisory council comprised of guildsmen, contractors, architects, educators and businesspeople. They'll see that we fulfill our obligation to *listen* to management – and make sure management accords us the same respect. It won't change things overnight, but it's the first step in forging a partnership.

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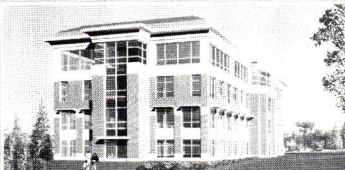
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## AIA ACTIVITIES

### May 1, Friday

#### Communications Committee

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

### May 13, 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.

### May 8, Friday

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

### May 12, Tuesday

#### AIA Pittsburgh Board Meeting

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

### May 21, Thursday

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

### May 27, 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.

## 1 C 9 A 9 L 8 E N D A R

## AROUND TOWN

### May 11 – June 1

*Edward J. Weber Retrospective* – photographs of Weber's architectural works by Jim Campbell. At AIA Pittsburgh Gallery. Hours: Monday-Friday, 9:30 a.m.-4:30 p.m. Admission free and open to the public.

### May 12, Tuesday

**CSI Meeting**, building tour CMU's Intelligent Workplace, 5:30 p.m. Cost \$10. CEU's available. Information: 823-5063.

### May 20, Wednesday

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

### May 16, Saturday

**Paradise Loft – PUMP's Urban Living Tour**, 11 a.m. – 3 p.m., visit projects currently underway in downtown and the Strip District. Tickets: \$10. 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*

## ■ BRIDGES

1300 Brighton Road, Pittsburgh, PA 15233  
PHONE: 321-5400 FAX: 321-9823  
CONTACT: Paul R. Bridges  
*Commercial / Construction management  
Exterior / General / Industrial / Interior  
Renovations*

## ■ J. R. BUNN, INC.\*

717 Millers Run Road, McDonald, PA 15057  
PHONE: 221-7144 FAX: 221-4456  
CONTACT: James Bunn, Jr.  
*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  
*Commercial / Construction management  
General / Industrial / Interior / Renovations*

## ■ BURNS & SCALO ROOFING CO., INC.

400 Bursca Drive, Suite 402, Bridgeville, PA 15017  
PHONE: 221-6300 FAX: 221-6262  
CONTACT: Jack F. Scalo, President  
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Roofing sheetmetal / Architectural panels  
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1998 National Roofing Contractor Of The Year*

## ■ F.J. BUSSE CO., INC.\*

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PHONE: 921-1231 FAX: 921-9861  
CONTACT: John Paul Busse  
*Commercial / Construction management  
Exterior / General / Industrial / Interior  
Renovations*

## ■ DICICCO CONTRACTING CORPORATION\*

1009 Beaver Grade Road, Suite 200  
Coraopolis, PA 15108  
PHONE: 262-3540 FAX: 269-6699  
CONTACT: Samuel E. DiCicco  
*Commercial / Construction management  
General / Industrial / Interior Renovations*

## ■ DICK CORPORATION\*

P.O. Box 10896, Pittsburgh, PA 15236  
PHONE: 384-1320 FAX: 384-1215  
CONTACT: John R. Bonassi  
*Commercial / Construction management  
Exterior / Highway / Industrial Interior /  
Renovations*

## ■ P.J. DICK INCORPORATED\*

P.O. Box 98100, Pittsburgh, PA 15227-0500  
PHONE: 462-9300 FAX: 462-2588  
CONTACT: Charles S. Pryor  
*Commercial / Construction management  
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Renovations / Institutional*

## ■ FLYNN CONSTRUCTION, INC.

610 Ross Avenue, Wilkinsburg, PA 15221  
PHONE: 243-2483 FAX: 243-7925  
CONTACT: Thomas O'Connor  
*Commercial / Construction Management  
Exterior / General / Interior / Renovations*

## ■ GENERAL INDUSTRIES

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

## ■ KACIN, INC.

795-22 Pine Valley Drive, Pittsburgh, PA 15239  
PHONE: 327-2225 FAX: 733-5993  
CONTACT: Jeffrey D. Ferris  
*Commercial / Construction management  
General / Industrial / Interior / Renovations  
Residential*

## ■ MORGAN P. KRONK, CONSTRUCTION CONSULTANT, INC.

P.O. Box 15540, Pittsburgh, PA 15244  
PHONE: 787-0720 FAX: 787-0730  
CONTACT: Morgan Kronk  
*Commercial / Construction management  
General / Interior / Renovations /  
Residential / Valve engineering / Cost  
estimating*

## ■ KUSEVICH CONTRACTING, INC.

3 Walnut Street  
Pittsburgh, PA 15223  
PHONE: 782-2112 FAX: 782-0271  
CONTACT: George Kusevich, Jr.  
*Commercial / Construction management  
General / Industrial / Interior Renovations  
Institutional*

## ■ LANDAU BUILDING COMPANY\*

9855 Rinaman Road, Wexford, PA 15090  
PHONE: 935-8800 FAX: 935-6510  
CONTACT: Thomas A. Landau  
*Commercial / Construction management  
Exterior / General / Industrial / 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*

## ■ MOSITES CONSTRUCTION COMPANY\*

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

## ■ NELLO CONSTRUCTION COMPANY\*

3 Glass Street, Carnegie, PA 15106  
PHONE: 276-0010 FAX: 276-8123  
CONTACT: Janet Torriero  
*Commercial / Construction management  
Exterior / General / Industrial / Interior  
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  
Exterior / General / Industrial / Interior  
Renovations / Residential*

## ■ TEDCO CONSTRUCTION CORPORATION\*

TEDCO Place, Carnegie, PA 15106  
PHONE: 276-8080 FAX: 276-6804  
CONTACT: Beth Cheberenchick  
*Commercial / Construction management  
Exterior / General / Industrial / Interior  
Renovations*

## ■ JOSEPH VACCARELLO, JR., INC.\*

P.O. Box 663  
Carnegie, PA 15106  
PHONE: 276-2755 FAX: 276-7985  
CONTACT: Gary Dickinson  
*Commercial / Highway / Industrial  
Residential / Bulk Excavation  
Site Development*

## ■ 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*



# John P. Adams, AIA

*KTH Architects, DuBois PA.*



**Years in Practice:** eight (Four-and-a-half as a registered Architect).

**Education:** Bachelor of Architecture, University of Notre Dame.

**Family:** wife, Kathryn; daughter, Erin Laurie, 2 1/2 years; son, John Ryan, 1 1/2 years; and number three due in May!

**First job:** summer intern for Thomas J. Dever, AIA in Philadelphia.

**Project you're proudest of:** my children; although if you are referring to architecture, I would say the DuBois Village Assisted Living Community — it was my first multi-million dollar project and my first design-build experience.

**Most embarrassing project/moment:** attempting to conduct a pre-bid conference less than one month after I graduated from college on drawings I had barely seen myself.

**Building you wish you had designed:** Heinz Hall — the interior detailing is exquisite and it would be fun to work on a project where you had the budget (or lack thereof) to spend that kind of time and money.

**Building you'd like to tear down:** the abomination also known as the new jail.

**If you hadn't been an architect, what would you have been?** if I had the talent, a professional golfer.

**What's the best part of your job?** the variety.

**What would you change about your job?** spend less time doing *cya* paperwork, and more time designing.

**What have you always wanted to tell your boss?** I'd like to spend less time doing *cya* paperwork, and more time designing.

**What have you always wanted to tell your clients?** make a decision!

**What's the most annoying thing architects do?** don't make a decision.

**Advice to young architects:** start your career with a smaller firm to get experience in all aspects of the business.

**The one thing you wish they'd teach in school is:** all aspects of the business.

**Best gift to give an architect:** a client who knows his mind, a good support staff, and a contractor he can trust.

**Someday I'd like to:** have a design project that incorporates a golf course.

**I want to be remembered for:** being a good father to my children.

**People would be surprised to know that:** I'm only thirty.

**The secret to my success is:** the ability to visualize the projects in my head, the ability to listen to my clients, and the dedication to seeing a project through.

**I belong to AIA because:** I like the contact with other professionals.



# 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.

Four Triangle Drive, Suite 200  
Export, PA 15632  
PHONE: 327-5200 FAX: 327-5280  
CONTACT: Blaise E. Genes

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Environmental / Geotechnical / Structural  
Transportation**

## ■ 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.

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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

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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, P.E.

**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  
Consulting / Environmental  
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, Zellenople, PA 16063  
PHONE: 724-452-9690 FAX: 724-452-0136  
CONTACT: David E. Foreman, P.E.

**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  
Lighting / Telecommunications**

## ■ L. ROBERT KIMBALL & ASSOCIATES

415 Moon Clinton Road  
Moon Township, PA 15108  
PHONE: 262-5400 FAX: 262-3036  
CONTACT: Thomas L. Blank, CIH, CSP  
Joseph F. Moon, PE

**Asbestos Management / Environmental  
Site Assessments / Indoor Air Quality  
Lead Based Paint Management  
Radon Testing-Mitigation  
Industrial Hygiene-Safety  
Civil / Site / Structural**

## ■ KONEFAL & COMPANY, INC.

1108 South Braddock Avenue,  
Pittsburgh, PA 15218  
PHONE: 244-5044 FAX: 244-5045  
CONTACT: Stephan V. Konefal, 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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## ■ 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

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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.

**Structural / Civil / Geotechnical  
Environmental / Testing & Inspection  
Construction**

## ■ 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  
Mechanical / Structural / Transportation  
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  
Structural / Transportation**

## ■ SE TECHNOLOGIES, INC.

98 Vanadium Road, Bridgeville, PA 15017  
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## ARCHITECTURAL WOODWORK

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500 Scotti Drive, Bridgeville, PA 15017

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CONTACT: John J. Dziak

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CONTACT: Mitch Taback

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### ■ DEBORAH D. MARTONIK, CCS, WBE

EMAIL: Jaymax@pathway.net

PHONE: 1-888-220-4600 PHONE/FAX: 475-4266

CONTACT: Deb Martonik

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### ■ T-n-D OF PITTSBURGH, INC.

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PHONE: 412-374-1330 FAX: 412-374-1330

CONTACT: Art Hawk or John Gibbon

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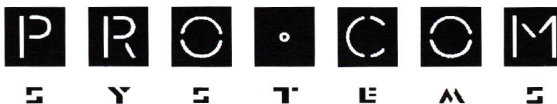
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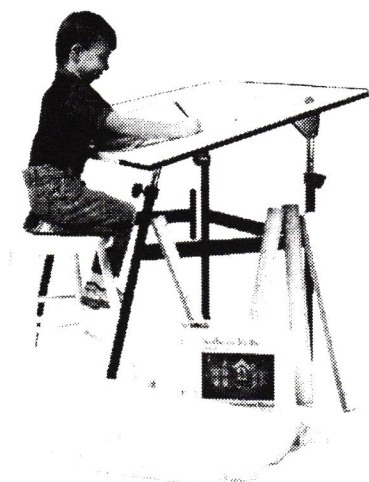
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## *Drawing Up a New Set of Rules*

Frank E. Moss Federal Courthouse Salt Lake City, Utah E.D.A. Inc. Architects

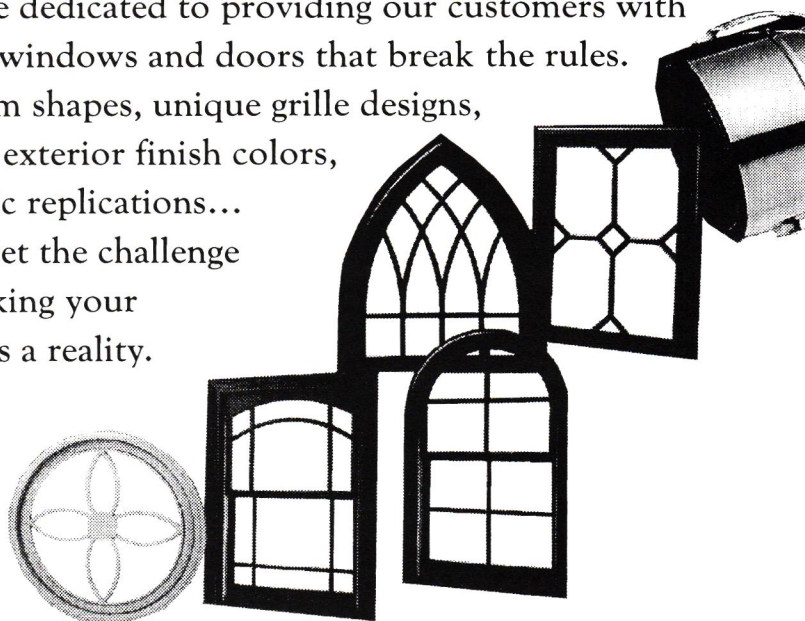


*D*esign with the mind of a child who doesn't know the meaning of, "It just is not possible." At Kolbe & Kolbe we have extended the limits of what can be done. We are dedicated to providing our customers with wood windows and doors that break the rules. Custom shapes, unique grille designs, exotic exterior finish colors, historic replications... we meet the challenge of making your designs a reality.



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- D.T. Watson Rehabilitation Center
- Curry Senior Citizens Home
- Grace Manor Nursing Home



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