PROVIDE ONE SPRUCE TREE WITH EVEN BRANCH DISTRIBUTION AND CONICAL SHAPE AS SELECTED BY THE ARCHITECT. ACCEPTABLE ALTERNATES WILL BE BLUE SPRUCE, LOCATE AS DIRECTED BY OWNER.

PROVIDE MINIMUM ONE SET OF ARCHITECTURAL BUILDING BLOCKS, ARRANGED IN SIGNIFICANT ARCHITECTURAL MANIFESTATION, PLACE PROMINENTLY AT BASE OF TREE.

PROVIDE ONE STAIR ILLUMINATED TYPE, 120 VOLTS A.C. WITH GROUNDING WIRE.

CIRCULAR ORNAMENTS - DISTRIBUTE EVENLY AND SECURE TO BRANCHES. MINIMUM COVERAGE IS ONE PER 6 SQUARE INCHES OF SURFACE AREA.

PROVIDE EXTENSIVE ORNAMENTS INCLUDING BOWS, GARLAND, CANDY CANES, HOMEMADE ORNAMENTS, SNOWBIRD, ETC. DO NOT ALLOW WORKERS TO STEAL THE ORNAMENTS.

PROVIDE ADDITIONAL GIFTS AND WRAPPED PRESENTS AS DIRECTED BY ARCHITECT.

ELEVATION
DEKLEWA DEVELOPS A NEW DIMENSION

The recent completion by John Deklewa & Sons, Inc. of the new Center for Advanced Learning and Assessment Technology signals another milestone in the construction firm's long history of projects for high profile clients. Deklewa contractors erected this "state of the art" four story steel frame structure with white masonry exterior finish and stainless steel accents for Development Dimensions International of Bridgeville, in only 13 months. Deklewa tradesmen's skillful installation in the front entrance lobby and resource center of granite finishes and a unique hand-etched glass wall map are examples of the company's dedication to craftsmanship. Besides the typical utility installation more than 66 miles of special cable and fixtures were used to support this building's technologically advanced areas for audio and visual conferencing, multi-media presentations, training and international operations. A 175 foot tunnel connects the center to the adjacent DDI World Headquarters Building. To learn more about this project or for a detailed analysis of your specific needs, contact Richard Deklewa, President at 257-9000.

JOHN DEKLEWA & SONS, INC.
1273 Washington Pike • P.O. Box 158 • Bridgeville, PA 15017 • (412) 257-9000

GENERAL CONTRACTORS BUILDING SUCCESS
Random Thoughts from a Frequently Random Mind  
by Cheryl R. Towers, Editor

My homage to Frank McCurdy’s presidency is to steal his headline. If Frank’s mind is frequently rational, mine is often random.

For a random mind, an end of the year issue is a dream, allowing me to roam through where we’ve been since last January, selecting a few interesting stopping points, and seeing how things have changed. As you’ll see in "Updates and Short Subjects", there was some “no news” on that road. And you’ll have to wait until January to see where we are with some of our regional planning efforts. After last month’s defeat of the Regional Renaissance Initiative, there are those who would say that we’re nowhere or less (I believe the term used by our County Coroner was “Jerkwater”), but the Pollyanna in me wants to be more optimistic than that. The jury is out and the fat lady hasn’t even begun to think about singing.

Time art critic Robert Hughes authored a special edition in the spring of this year entitled “American Visions: What America’s Greatest Art Reveals About Our National Character.” He notes that Thomas Cole, painting in the first half of the 19th century, “introduced into painting the terms of the great debate over natural resources that has divided Americans ever since. America’s columns were trees, its forums were groves, and its invasive barbarian was the wrong sort of American, the developer, the Man with the Ax.”

Hughes later discusses Thomas Moran’s painting of the Grand Canyon of the Yellowstone, completed years after Moran visited it, and states that the painting “became a symbol of wilderness tourism and helped ratified the growing American desire to set aside tracts of land as museums of a threatened wilderness.”

According to Hughes, “by the mid-19th century, landscape was the national religious symbol.” and that “the American promise” has always been “great space.” Now comes the random thought: for those who would downplay the importance of environmental protections, that is like denying us our national heritage. No one found that out faster than Republicans in the 104th Congress who tried to gut environmental regulations and were met by a huge public backlash. Perhaps most perplexing to them, some of the strongest words came from religious groups who reminded them that a basic tenet of the Judeo-Christian faiths, not to mention many others, is stewardship of God’s earth. So if you’re in denial on the “great American promise,” maybe you’d better start supporting NASA. This is the only environment we’ve got. Use it up, and you’d better have somewhere else to go.

Random Thought #3 came as a result of a Pennsylvania Speakers Association meeting when another participant and I got into a discussion about personality modeling. The most common model is based on Jung’s “Theory of Personality Type” and is known to most of us as the Myers-Briggs Type Indicator. There are sixteen different indicators which are organized into four “temperaments” (how a person is energized, what a person pays attention to, how a person makes decisions, and the life style a person adopts) called the Keirsey Temperament Sorter. I ran home, found it on the Internet and came up an ENFP, nicknamed the “Journalist.” How appropriate, said I. The next week in a Communications Committee meeting, I looked around and said, “Who are these people?” speaking temperamentally, of course.

Not unexpectedly, Anne knew hers off the top of her head—ENTJ, the “Field Marshall.” Gloria is an INFJ, “Author”, and Bob Bailey, the only architect reporting in, emerged an EXFJ. The “X” comes up when the test taker does not have a clear preference, the equivalent of “I don’t know”. Does this moan Bob doesn’t know what he pays attention to? I don’t know. If you feel compelled to sort out your temperament, look for the Keirsey Temperament Sorter at <http://sunsite.unc.edu/~emobin/mb.pl>. But, use the information wisely—it’s not an indicator of mental health, only personality type. And let me know if anyone actually comes up as the “Architect” temperament. I assure you I have many more random thoughts, but the fat lady has sung. Have a wonderful holiday season and a prosperous New Year.
Visions of Flamingos Dance In This Head

by Anne Swager, Executive Director

As I sit to write this month’s offering for Columns, I am already a week late. The editor is looking for my head on a platter and the graphic designer is threatening me with later and later publication dates. It’s our busy time of year and I am too overwhelmed pulling all the loose threads together to be able to concentrate on a written piece. Just to add to my stress level, looming just around the corner are the Thanksgiving and Christmas holidays. Despite my best intentions, I have done almost nothing. I have no idea what I will feed my visiting family during Thanksgiving weekend. For Christmas, I have some gift ideas for family members scattered as far away as Seattle, but I haven’t put the credit card to the store counter and so have very few gifts in my possession. Of course, once I’ve bought everything, I still have to wrap and ship. Thank heavens forMailboxes USA which bails me out every holiday season, albeit for a very high toll. Realistically I don’t have all that much to do. Not wanting to give Martha Stewart a run for her money, there’s no chance of extravagant parties or even card sending at my house during the holiday season. I have even given up cookie baking, realizing that I am the primary eater of the product which just means bigger pants in January. The decorations come out of the box from the attic and we know just where to put them. Over the years, I have made a conscientious effort to de-stress the holiday season and it has worked.

When I met my husband, he claimed to be a holiday hater, a “bah humbug” kind of guy. I was baffled but he was the even more surprised party after he spent a holiday season with us. He actually enjoyed himself. We feast on real food. (A big treat in our house where we hope pizza fills the necessary daily vitamin requirements.) We build fires, read books and fall asleep in our chairs. In short, we take the time off and do exactly what we want to do. But now, in November is when the complaining and the stress begins. Who took the Christ out of Christmas? What used to be a religious holiday, and not nearly as important to the Christian religion as Easter, has become a full scale toy-buying, party-going, card-sending orgy. Even Chanukah has evolved from candle lighting to receiving far more attention than ever before, probably in large part to counter Christmas. While all of this is true, nothing is going to change. The retailers rely on the holiday season to make their year end profits. And I dare say that many of us would miss the hustle and bustle, the parties and the fun, if it really went away. The holiday season has evolved into a national holiday, a sort of end of the year vacation.

Life at AIA Pittsburg winds down considerably. The whole business community goes on a mini hiatus, only doing what has to be done with plenty of glasses of good cheer or lunch with your office buddies thrown in for good measure. People stop and visit. In Mt. Lebanon, house decorating becomes a competitive sport. It’s considered poor taste to light up any earlier than the Friday after Thanksgiving, but on that Friday night, all lights break loose and after a quick trip through the neighborhood you know what the hot sellers are at Rolliers this year. Some people are restrained and even artful about decorating but my favorites are the ones who put every possible type of decoration on the lawn and on the house.

“Some people are restrained and even artful about decorating but my favorites are the ones who put every possible type of decoration on the lawn and on the house.”
FirstSide Lofts Completed
Congrats to No Wall Productions and EDGE Architects on the successful completion of FirstSide Lofts, Pittsburgh's first downtown residential loft project at 429 First Avenue. No Wall president, Eve Picker, Associate AIA, will begin work soon on a second loft project in the Cultural District. The project fact sheet notes that 280 Twinkies and 40 gallons of iced tea were consumed during construction.

TOP: Mayor Murphy leads the “unwrapping” of Pittsburgh’s first downtown loft project.
BOTTOM: Interior view of raised kitchen and waxed concrete floors.

Win This Playhouse!
Christmas in April, which provides home repairs for low-income, elderly and disabled homeowners, is conducting a playhouse raffle. The 8 ft. x 8 ft. Children’s Playhouse was designed by Scott Keener, AIA, Hayes Large Architects and built by P.J. Dick. The Playhouse is valued at $7500 and raffle tickets are only $5! The Playhouse will be on display on the third level of Oxford Center from November 21-December 20, when the winner will be drawn at 1 pm. Information: 922-3912.

Theater Construction To Begin
The Pittsburgh Cultural Trust announced that construction will begin on the 650-seat O’Reilly Theater at the Seventh and Penn parking lots next to the Roosevelt Hotel sometime between mid-December of this year and January 2, 1998. The O’Reilly Theater, designed by Michael Graves, FAIA, is part of a larger development planned for the entire parking lot area that includes an office building, public plaza and a 600-car parking garage.

New Publications
If you’re stumped for a nifty holiday present, pick up a copy of Pittsburgh History & Landmarks Foundation’s new release, Pittsburgh’s Landmark Architecture: The Historic Buildings of Pittsburgh and Allegheny County by Walter C. Kidney. If you own the previous edition, there are enough updates and other changes to merit a new copy.

UK architect and professor Robert Kronenburg is the author of an architectural monograph entitled FTL ARCHITECTS: Softness, Movement and Light. Kronenburg recounts and explores the work of FTL Architects, a New York-based firm that is an acknowledged leader in tensile structure technological innovation. To order call 1-800-462-6420 and ask for Architectural Monograph #48. Price $38.00.

Call for Entries

Traveling Scholarship Available
The Rotch Traveling Scholarship, one of the oldest and most prestigious in the country, is inviting applications for 1998. A stipend of $30,000 is awarded to the first prize winner of a two-stage design competition for nine months of travel throughout the world. Applicants must be U.S. citizens under 35 years of age on March 13, 1998 and must meet one of these requirements: 1. A degree from an accredited school of architecture and one year in a Massachusetts architectural firm; or 2. A degree from an accredited Massachusetts school of architecture plus one year in any U.S. architectural firm. For more information and an application, contact the Boston Society of Architects, 52 Broad St., Boston, MA 02109.

Correction
Gerard Damiani, AIA writes to let us know that the name of Brock Orque, co-author of Building Documentation: A Student Exercise Produces A Valuable Resource, was inadvertently omitted in the September issue. Brock, we apologize for the slip and hope that won’t discourage you from writing to us in the future!

Passages
Edward K. Schade, AIA Emeritus passed away this summer. A partner in the firm of Alfred D. Reid Associates, now Reid and Stuhldreher, Mr. Schade was considered an “architect’s architect” and practiced for many years in the region. As his widow, Rachel Frisbee Schade, noted, “He delighted in telling people that he began practicing in Pittsburgh before they invented plywood!”

Two prominent architectural historians also recently passed away. G. E. Kidder Smith, trained as an architect, chronicled the modern architectural movement through books such as Brazil Builds. Margaret Henderson Floyd visited and wrote significantly about Pittsburgh. Her new book, H.H. Richardson: A Genius for Architecture, will be reviewed in Columns in the spring.
Updates and Short Subjects

Construction Management
We reported in the October issue on construction management as a growth area for the industry. As a follow-up, we took a quick look at architectural firms offering construction management services in the Pittsburgh area. In the 1996 - 97 directory, only two firms identified themselves as offering CM — one in the listing and one in an advertisement. That information was compiled in 1995. Calls to 16 firms this fall found only one firm offering CM in its “purist” sense — that is, exclusive of all other services offered by the firm. And, even in that case, CM only amounts to 5 - 10% of business and is not seen as a growth area. One firm has a sister firm offering CM services, but only on projects it designs. Three other firms that responded reported that construction management ranged up to 50% of their business, but was restricted to projects of their design. Pittsburgh, in other words, seems to be bucking the national trend of CM as a growth area for architects.

Intellectual Property
This just in from the “no news is no news” department: still no word from the Federal Appeals Court on the trademark case pitting photographer Chuck Gentile against the Rock and Roll Hall of Fame and Museum® for his commercial poster using an image of the Hall. According to the Hall’s attorney, Regan Fay, “It’s not unusual for the judges to take six months or more in a case like this. Trademark cases are fairly rare, and this one isn’t the usual run of the mill situation.” The original injunction against Gentile was granted in 1996; the appeal was heard in June of this year.

We noted in our article about the case that trademark law requires the holder to diligently pursue alleged violators, lest rights be lost in future cases. An amusing, albeit nonarchitectural, example of this is the recent case of Spelling Entertainment Group Inc. against one Ken Hart, creator and master of a website devoted to Melrose Place. Spelling General Counsel Sally Suchil states in a letter to the editor of Time that “unless we actively police the use of our trademarks and copyrights, we risk diluting our property rights.” Watch for information about challenges to AIA copyrighted documents in an upcoming issue.

Panther Hollow Bridge
No news can also be bad news. We reported in the May issue of Columns that the commencement of badly needed restoration work on the Panther Hollow Bridge in Schenley Park was tied up in the court system. Six months later, it’s still tied up in the courts. A hearing was scheduled for November 9, but a continuance was granted and as of our publication date, a new hearing date had yet to be set, and almost certainly won’t occur until 1998.

NCARB Works to Coordinate Codes with State Registration Laws
As code committees look toward adopting the International Building Code (IBC), NCARB continues to work on behalf of registered architects to protect state laws that regulate the practice of architecture.

“The definition does not include which professionals are permitted to prepare such documents,” said Kollala. “This confuses the issue for the public and has the potential for creating discord among architects, engineers, landscape architects, structural engineers and interior designers.”

Public hearings of the IBC’s first draft are scheduled for April 1998 and will be followed by a full code change cycle leading to consideration for adoption by all three building code organizations in the year 2000. “NCARB will continue to follow the IBC development process and strive to coordinate the IBC requirements with those in state registration laws,” said Kollala. “Cooperation between building officials and registration boards is key to regulating the unlicensed practice of architecture.”

PITTSBURGH’S LANDMARK ARCHITECTURE
THE HISTORIC BUILDINGS OF PITTSBURGH AND ALLEGHENY COUNTY

Walter C. Kidney
Published by the Pittsburgh History & Landmarks Foundation

"Walter Kidney is a delightful guide to the architectural charms of the area. Oh yes, Pittsburgh had, and—thanks to the Landmarks Foundation—still has, architectural charms... He has a gift for the memorable phrase that truly captures a complex historical or visual experience."

James F. O’Gorman

• 756-page casebound book; 9" x 11"
• Historical essay; guide to 645 pre-1950 extant sites worthy of preservation; maps; bibliography; index
• Approximately 68 color photographs; 200 duotones; 1,300 b/w photos

Call (1-412) 471-5808 to order an autographed copy. Also available in area bookstores, $65.00
**CELLULAR SAVINGS FOR AIA MEMBERS & EMPLOYEES**

With Bell Atlantic Mobile as your cellular provider, you will be part of the most technologically advanced digital network with phones that work virtually everywhere coast-to-coast. Bell Atlantic Mobile also offers a full line of pagers in addition to data and wireless internet services.

### AIRTIME RATES

<table>
<thead>
<tr>
<th>OPTION 1 — Association Value Pack</th>
<th>OPTION 2 — Association Pricing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The best choice for people that use over 40 minutes of airtime each month.</strong></td>
<td><strong>The best choice for emergency or security use.</strong></td>
</tr>
<tr>
<td>Monthly Access ......................... $29.99</td>
<td>Monthly Access ......................... $17.95</td>
</tr>
<tr>
<td>Minutes Included Every Month . 75 Peak or Off-Peak</td>
<td>Peak airtime rate per minute ........... 37¢</td>
</tr>
</tbody>
</table>

### Discounted Airtime Rates Over Allowance

- **76-100 ······· 27¢**
- **101-150 ····· 25¢**
- **151-300 ········ 23¢**

All minutes receive the highest discount.

**Here are even more ways to save:**

- **1st minute of every incoming call is FREE**
- Free Voice Mail
- No Activation Fee
- Aggregate minute allowances for two or more lines

### Usage Discounts

- **100-199 ········ 2%**
- **200-299 ········ 5%**
- **300-499 ········ 6%**

All minutes receive the highest discount.

**Here are even more ways to save:**

- **600 minutes of local off-peak calling a month**
  - for the first year
- Free Voice Mail
- No Activation Fee

---

For more information, visit one of our conveniently located Communications Stores listed below or call 303-3067 for a consultation visit in your office.

**Business Sales – Voice and Data – 303-3067**  •  Order by Phone 1-800-255-BELL

- 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  •  Kittanning – Franklin Village, 543-6223
- Indiana Mall – 465-1040  •  Westmoreland Mall – 830-9900  •  Robinson Town Centre – 787-4220
- Butler – Moraine Pointe Plaza, 285-2900  •  Beaver Valley Mall – 775-2866  •  Uniontown Mall – 425-0167
- South Hills Village – 835-2102  •  Franklin Mall (Washington) – 228-5933

A new two-year contract with Bell Atlantic Mobile is required. Monthly access, airtime, toll, long distance, cellular regional calling and roaming charges apply. $175 early termination fee applies. Airtime is billed in full minute increments so the actual number of minutes available to a customer may vary. New contract terms and conditions covering all lines on an account may be required. If you are a current Bell Atlantic 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. Please have your mobile telephone number ready. This offer is subject to the AIA Bell Atlantic Mobile agreement. Proof of AIA membership is required.
Architects and Schools: Where Do We Stand in Pennsylvania?

Architects face today’s challenges to build tomorrow’s schools.

Dilapidated. Archiac. Too difficult to learn in, too difficult to teach in; these words reflect the popular image of public schools portrayed by the media. But just how much do educational buildings contribute to the educational process—particularly for the workforce of tomorrow—and how does Pennsylvania stack up nationally in the debate over the future of our schools?

Our children who attend school today are very different from those of previous generations; they reflect our culture’s social and economic changes. So, too, is the world in which they now live and the world in which they will soon live and work. Two major changes should affect the design of our schools’ buildings: the availability of instantaneous, multimedia information at almost every level of our daily routines—from the unlimited choices of cable television to home computers to Internet access—and the dramatically changed expectations of employers. Tomorrow’s workers will need different and far more technical skills than workers of past generations. School facilities can’t be expected to serve this generation of students in a manner similar to 20 years ago, or even five years ago.

When children can understand that a building is designed to be used by them, as opposed to control them, and when collaborative and independent learning opportunities are created in schools more reflective of the society at large—only then can schools begin to engage our children and assist the teachers in the learning process.

Pennsylvania has a history of laying the groundwork for the accomplishment of these objectives. Quietly and consistently, the state has distinguished itself by providing the opportunities to renew a school district’s facilities as a matter of public policy for many years. Although not without its critics either in the method or level of state and local funding and participation, public school districts in Pennsylvania can participate in a 20-year cycle of facility upgrades based on the perceived need at the local level through the Pennsylvania Department of Education (PDE). Three distinguishing features characterize the planning and eventual construction of school facilities in Pennsylvania. Unlike many northeastern states, Pennsylvania requires no local referendum to approve funding for projects; a referendum is required only for new construction that exceeds certain pre-established limits. Although public meetings, and in some instances public hearings, are a requirement of the PDE process, essentially the elected nine-member school board approves facility improvements and the resulting local tax impact.

The second feature setting Pennsylvania apart from some of its neighboring states is the built-in additional funding for poorer school districts (districts where the assessed land values are lower than other communities). The level of state reimbursement for a school construction project is the mechanism by which the state accommodates a district financially unable to fund facility improvements, some to the level of 80 percent or more.

Ohio and New Jersey’s State Supreme Courts have recently struck down their state’s school funding mechanism as unconstitutional because of the wide gap in local communities’ ability to leverage facility improvements. Although Pennsylvania has its critics on this issue, it has put forward a consistent policy to address the wide differences at the local level.

The third distinguishing feature is the requirements by the Commonwealth for a thorough planning and evaluation process that is open to public scrutiny. The state, in essence, assists districts by requiring this process, known as PlanCon (for Planning Construction Workbook), as a condition for receiving reimbursement. This process benefits the school district and its students by requiring the district to strategically plan for the future.

That future places demands on all of those who participate in the process, particularly at the facilities level. Shaping students’ minds in a technologically sophisticated, information-rich society that grows exponentially requires foresight in planning not only the curriculum, but also the environment that supports it.

—John Missell, AIA and Brad Furey
For example, new school facilities emphasize an abundance of natural lighting to enliven classroom, corridor and core spaces. More than ever before, educational environments are being organized like work environments, encouraging team decision making and “problem-based learning.” Technology has evolved beyond designated “computer rooms” to data ports in every space, connecting the student to the building's local area network or the district's wide area network with access to information from the media center, the local college or beyond.

Perhaps the most critical indicator of a school facility’s success lies in whether it can be labeled a “community” project — one that represents the unique values of a local community. Buildings that look welcoming and present themselves as part of the local context function that way, reinforcing America’s commitment to public education and a literate society.

John Missell, AIA, is the Pittsburgh office director and Brad Furey (former chief of the state Department of Education's school construction program) is the director of facility planning for Hayes Large Architects, a leading educational facility architectural firm in the northeastern United States. Hayes Large is designing educational facilities in Pennsylvania, Ohio, New York, West Virginia and North Carolina.
Fighting Discrimination by Design

by Betty Rowland

Years after the passage of accessibility legislation, many new structures are still not in compliance.

There is good news for renters or buyers who are persons with disabilities. Because of Federal law, the number of accessible units being built will increase as years pass. All architects should know that all multifamily housing of four or more units built after March 13, 1991 must be accessible to persons with disabilities. This mandate is part of the Fair Housing Act of 1988 and is found in the Fair Housing Act Accessibility Guidelines (FHAAG) 24 CFR Chapter I.

As a protected class, people with disabilities are unique in at least one respect. They are the only minority that can be discriminated against solely by the design of the built environment. The Fair Housing Act remedies that in part by establishing design and construction requirements for multifamily housing built for first occupancy after March 13, 1991. The law provides that failure to design and construct certain multifamily dwellings to include certain features of accessible design will be regarded as unlawful discrimination.

The design and construction requirements of the Fair Housing Act apply to all new multifamily housing consisting of four or more dwelling units. Such buildings must meet specific design requirements so public and common use spaces and facilities are accessible to people with disabilities. In addition, the interiors of dwelling units covered by the Fair Housing Act must be designed so they meet certain requirements.

The Fair Housing Act is intended to place modest accessibility requirements on covered multifamily dwellings. These modest requirements will be incorporated into the design of new buildings, resulting in features which do not look unusual and will not add significant additional costs. Fair Housing units are not fully accessible, nor are they purported to be. However, new multifamily housing built to comply with the Guidelines will be a dramatic improvement over units built in the past.

The Fair Housing Act gives people with disabilities greater freedom to choose where they will live and greater freedom to visit friends and relatives. But the Fair Housing Act has other broad implications. It proactively addresses the needs of an evolving population, looking ahead at future needs. With the aging of the population and the increase in incidence of disability that accompanies aging, significant numbers of people will be able to remain in and safely use their dwellings longer. For example, housing designed in accordance with the Fair Housing Act will have accessible entrances, wider doors, and provisions to allow for easy installation of grab bars around toilets and bathtubs, i.e., features that make housing safer and more responsive to all users.

"The accessibility requirements of the Fair Housing Act are intended to provide usable housing for persons with disabilities without necessarily being significantly different from conventional housing. The Fair Housing Act specifies certain features of adaptable design. These basic design features are essential for equal access and to avoid future de facto exclusion of persons with disabilities, as well as being easy to incorporate into housing design and construction. These design features assist not only persons with disabilities but also other persons to use and enjoy all aspects of a residential development."

— Betty Rowland

The Fair Housing Act Accessibility Guidelines contain seven technical requirements for accessibility:

1. There must be at least one accessible entrance on an accessible route that is readily accessible to and usable by individuals with disabilities.

2. Public and common-use areas must also be readily accessible to and usable by individuals with disabilities.

3. All doors for passage must be wide enough to accommodate individuals who use wheelchairs.
4. There must be an accessible route into and through the dwelling unit.

5. Light switches, electrical outlets, environmental controls and other similar controls must be placed in accessible locations.

6. Bathroom walls must be reinforced to permit the installation of grab bars.

7. Kitchens and bathrooms must contain sufficient floor space to allow individuals in wheelchairs to operate them.

Unfortunately, not all builders and designers of new multifamily housing are yet aware of these accessibility guidelines, and continue building units not in compliance with the law. The Department of Housing and Urban Development (HUD) and the Department of Justice have joined with the states' Attorneys General in notifying local municipal building permitting officials about the accessibility guidelines. In addition, the Department of Justice has been warning and prosecuting builders who have violated this law.

HUD has published two pamphlets: Seven Technical Requirements and Architects and Builders: Are you in compliance with the Fair Housing Act? HUD has also published the Fair Housing Act Design Manual to assist designers and builders. The pamphlets are available for free and the manual for $10 by calling the Fair Housing Information Clearing House at 1-800-343-3442 (voice) or 1-800-483-2209 TTY/TTD. Questions about the FHAAG may be directed to the Pittsburgh HUD office at 1-412-644-6965. For information on any applicable state or local laws, contact the local municipality or the state's Attorney General's office, respectively.

Betty Rowland is an Equal Opportunity Specialist with the Pittsburgh Office of HUD and can be reached at (412) 644-5449.
New Board Members To Assume Office in January

Charles Delisio, AIA is a partner with Deborah Elliot at STUDIO Delisio Architecture & Design. Much of the firm’s work is in residential design, interiors, lighting and furniture. Chuck has 12 years of professional experience in New York, California and PA prior to STUDIO Delisio. He is a member of AIA’s National Interiors Committee and taught Lighting Design at LaRoche College and Architectural Engineering at Penn State. When asked what he thought should be AIA Pittsburgh’s most important function, he replied that “It’s to encourage, support and promote very good design, through a variety of means, including communicating the benefits that architects bring to individual projects and the community.”

Carl Freedman, AIA received his Bachelor of Architecture from CMU in 1982 and has been registered since 1986. Carl has served as the chairman of AIA Pittsburgh’s Professional Development Committee for the past 2 1/2 years and oversaw the creation of the Pittsburgh Intern & Young Architects’ Forum. Carl states that “A primary goal of my tenure on the Board will be to increase the awareness of the AIA to our members and to encourage members to become active in the chapter’s activities.”

John Missell, AIA is the Office Director/Sr. Associate at Hayes Large Architects. He received a BA in Political Science from Colgate U. and a BARCH from the Rhode Island School of Design. After early work in high density low rise housing in Southern California, he now dedicates his career to education, with emphasis on K-12 and university clients. John feels that AIA Pittsburgh has an exciting newer initiative in its long range commitment to public awareness of the key role a design professional plays in society and their value. “We’re creating bigger, more broadly understood themes with more relevance and frequency in the media.”
SPARKLEchitecture

AIA Pittsburgh's front window display will feature a tree festooned with architecturally themed holiday decorations. We will also display a limited number of original design holiday cards in the window. Like the tree ornaments, the cards will be original designs by architects or by an architectural firm. (Hurry, last minute submissions are still welcome!)

Decorations and cards for all winter holidays are welcome, including Christmas, Chanukah, Kwanza and the Winter Solstice.

Don't forget to visit the Chapter office over the holidays to see the SPARKLEchitecture display from December 2 – January 7.

For more information and to participate, call Gloria Forouzan at the Chapter office, 471-9548.

TOP: Drawing of church on Polish Hill by Margaret Cannell, IKM Inc.

RIGHT: One of several holiday greeting cards submitted by Johnson/Schmidt and Associates

"UP ON A ROOF TOP..."
Sacred Architecture by Robert J. Bailey, AIA

Two recent books add to our understanding of an important architectural form

All cultures around the world and throughout history have had a belief in the influence of a higher power. The motivation to address and express this belief through building has produced what are arguably the world’s greatest monuments. Happily, there are two recent books on this far-reaching subject. A.T. Mann’s Sacred Architecture by anthropologists Caroline Humphrey & Piers Vitebsky was published in 1993. In 1997, a book also titled Sacred Architecture was published as part of Little, Brown & Co.’s “Living Wisdom” series. It is a straightforward catalog of everything religious or ceremonial, with the nice color photographs you’d expect in such a book.

In contrast, Mann’s book is definitely not a straightforward book by an author with a straightforward intent. Nor is it a book for the narrow-minded. It is important to first understand Mann’s approach to the subject. He openly states that his intention is not to create an encyclopedic history but rather to state his very personal view of what he believes sacred architecture to be and to explain how it came about. Mann challenges our cozy notion of “churchy” as sacred.

The difficulty I encountered was the amount of background material that I was unfamiliar with, and that I felt obligated to learn more about by referencing other publications and reading the Humphrey & Vitebsky book. There are many curious diagrams and charts in the book, some drawn by Mann. Illustrations tend much less toward the “standard photo” of a building and much more toward excerpts from paintings, murals and books (although there are outstanding photographs, particularly those of ancient Egyptian architecture and of some of the rose windows from the great cathedrals). Thankfully, Mann provides a welcome glossary of the uncommon (as well as the common) terms he uses. For further reading, he references a bibliography of over 80 publications, including seven of his own astrological-based books.

As an architectural student, A.T. Mann yearned to understand the “secrets” of sacred architecture that he was certain must exist, believing that “certain shapes in specific buildings evoked deep feelings, ancient drives and powerful realizations...” His frustration continued from school to practice as neither his professors nor his employers could reveal the secrets of sacred architecture and furthermore showed no interest in the subject. He writes, “I discovered that the notable architects I met or heard about were even further away from the core of architecture than I was. The same was true of the Modern movement in general.”

Mann states that he had to leave the world of architecture to “discover seeds of meaning” in the field he loves. So began his twenty-year hiatus from architecture. He became a professional astrologer, which reactivated a quest to understand architecture and the mysteries of number, proportion, and form. This book resulted from his personal quest.

It is also necessary to consider the book in terms of Mann’s viewpoint as an astrologer and as one who ascribes to mystical philosophies. Mann cites “lack of personal development” as the source of primary separation between architects and everybody else. Architects, asserts Mann, lag behind in terms of rediscovering and accepting “the reality of the unconscious” and integrating this concept into their personal and professional worldviews.

The buildings that Mann considers sacred are those that are constructed according to timeless and universal principles of orientation, geometry, and form that go beyond mere symbolism. He states three ways in which the symbolic/spiritual is expressed through architecture.

First, the architecture is a reflection of the structure of the cosmos. Mann explores, for instance, how all megalithic...
stone rings and burial mounds are characterized by alignments with celestial objects—the sun, moon, pole star, planets, constellations.

Second, the architecture is organized using primary shapes and proportions, described by number symbolism. Mann declares it a universal characteristic of sacred architecture that the square and the circle are the predominant shapes and it is through the reconciliation of these two shapes that the essence of sacred architecture emerges.

Third, the architecture’s structure and decoration follow clear and basic patterns derived from the four elements, forms of nature, and energies and geometries derived from them. Mann includes, for example, Vitruvius’ diagram showing the Greek theater to be inscribed within a circle, in which four equilateral triangles (representing the four elements) defined the exits, the plane of the proscenium, and the size of the stage and orchestra.

The sacred can be expressed by a number of different methodologies described in the book: The Canon, an ancient esoteric system of measurement; Gematria, sacred numerology which attributed to each letter an equivalent number value; The Golden Mean; mathematically expressed as a rectangle with sides whose ratio is 1:1.618, the primary proportion found in sacred buildings and monuments; Feng Shui, the ancient Chinese belief that seeks the most favorable position of a building in its environment with respect to the spiritual properties of the land; and Geomancy, the art of divination using figures, lines or geographical features.

A fascinating reference is the “renegade” Egyptologist R.A. Schwaller de Lubicz, who fifty years ago “presented ideas which the mass of humanity are only now beginning to glimpse, and which are the primary themes of this book.” These ideas suggest that the builders of ancient Egypt had a much more profound and advanced view of the laws of the universe and humanity than anyone in the 20th century had imagined. These views include the assumption that humanity had descended from a more perfect state and that the object of symbolism is to awaken the original understanding of this paradise-state rather than educate the ignorant.

A concept that continually emerges from Mann’s discussions is the dichotomy of advanced knowledge expressed by primitive means. Some of the intriguing questions to which you’ll want to seek answers by reading this book:
Why the alignment of the Mayan city of Teotihuacán deviates from the north-south and east-west axes by more than 15 degrees to intentionally align with the axes of the rising and setting points of the major constellation known as Pleiades.

How it is possible, in the great cathedrals, to determine, from the orientation of the building, the saint in whose honor it was built.

Why, at sunrise, the rays of the sun illuminate the Taurus zone of the zodiacal circle on the nave floor of the Florentine basilica of San Miniato al Monte.

A second pattern that emerges the further one reads, and which you’ve doubtless picked up on by now, is that those buildings that Mann deems appropriate to the realm of sacred architecture are all OLD! Ancient, actually, in most cases. Mann declares that not only is the sacred in architecture dead but has been so for over four hundred years. Why? Blame it on religion, the Renaissance, and the dawning of the scientific era at the start of the 17th century.

The Renaissance saw the ascendency of architecture as an individual pursuit. Religion began to exert less of a hold over the people, and, in Christianity, the Church began to break away from the influence of the cosmos. The sacred traditions of numerology and geometry shifted, becoming the province of alchemists, astrologers, and similar mystical types.

Another interesting reference, astrologer Robert Hand in 1987 identified two types of religions (world views, actually): Type I—polytheistic, viewing nature as an ally, believing in cyclical time; examples being Hinduism and Buddhism; and Type II—against individuality, suppressing alternative views, believing the past to be primitive; examples being Christianity, Judaism, Islam—and, Science, which Mann states, “took its rightful place as the primary Type II religion.”

Science conflicted with spirituality: what cannot be seen cannot exist; abstract ideas do not exist unless they can be proven; the laws of nature are absolute; everything in the universe is uniform. The critical summation of this argument is that science promulgated regularly and standardization. Hand credits this belief system with the rise of the “expert without expertise”, such as the child psychologist who has never been a parent. Mann adds, “the architect who has no interest in or understanding of the sacred.”

Mann’s respect of the ancient traditions and his embrace of mystical arts is equaled by his disdain for modern-day architects. The only architect between Palladio and Le Corbusier that Mann seems to find worth noting is the Austrian social philosopher Dr. Rudolph Steiner, who designed in the early part of the 20th century and who is known mostly as the creator of a mystical doctrine known as Anthroposophy.

Mann sees Frank Lloyd Wright as “virtually the only ray of light” among modern architects. As a work of sacred architecture, Mann views the chapel at Ronchamp merely as “one of the more organic and effective of Le Corbusier’s buildings.” Sir Norman Foster’s gesture to Feng Shui in the design of the Hong Kong and Shanghai Bank, Mann comments, “is exactly that and no more.” Equating modern architecture to the pursuit of style, Mann writes, “The conspicuous absence of essence, and the elimination of the sacred in any form is the achievement of twentieth-century architecture.”

Mann concludes that mankind still needs to have structures that are profoundly evocative of the sacred—far beyond mere decoration—and that they are waiting for us as architects to lead the resurgence.

Temple of Luxor, Egypt

The natural choice for today's lifestyles

Riverbend timber frame homes feature the strength and beauty of hand-crafted oak, combining open floor plans and vaulted ceilings for a spacious, light-filled interior.

Local representative
DAN TRIMBLE
(412) 357-8555
www.riverbendtf.com
From the Firms

Design 3 Architecture, PC has been awarded the contract to design a new 35,000 square foot retail strip center being developed at The Pointe in North Fayette Township.

Johnson/Schmidt and Associates, JSA, recently completed architectural, interior design, and engineering services to provide Century National Bank with a new banking and office building located near the Cranberry Square Mall. The new Century National Bank is a two-story 8,300 SF facility designed to provide general banking services on the first floor and office support spaces on the second floor. The project was commissioned to expand and consolidate banking branches previously existing in the area. Century National Bank began operation from its new home on November 10, 1997.

JSA has also received a commission from The May Department Stores Company to replan Foley’s headquarters offices in Houston, TX. This project provides interior design and engineering services to master plan and remodel existing office spaces. JSA has performed similar Strategic Facilities planning for several other May Company locations.

Construction is underway for the Merryheart Residence project, a new 79,000 square foot, 90 bed senior independent living center in Baldwin Borough. Rothschild Architects are project architects and BRIDGES has been part of the project team from design development through construction.

WTW Architects completed a master plan, addition and renovation work at Friendship Village, a life care retirement community in Upper St. Clair. The firm is also designing a new entrance for the Doubletree Hotel in downtown Pittsburgh.

Roes Schonder Sterzinger Cupcheck and BRIDGES are part of the team to construct a new 7,000 square foot office and 15,000 square foot production facility for Yerecic Label Company in the Westmoreland Business and Research Park.

Ligo Architects, with an office located in Slippery Rock, has named Brett W. Ligo, AIA as an Associate in the architectural firm.

Renaissance 3 Architects is a new venture of principals; Robert P. Murray, AIA, of R3A Architects; Deepak Wadhwani, AIA, formerly with WTW Architects; and James A. Sheehan of Sheehan & Heller Architects. Renaissance 3 Architects and Renaissance 3 Developers will seek to differentiate themselves by offering vertically integrated services that go beyond design and engineering to include value added throughout the economic life cycle of a building, from financing to marketing and management.

SAI Consulting Engineers, Inc. has appointed Kevin Lettrich to the position of Project Manager.

Kudos

Apostolou Associates announced that Dennis Bulger is the recipient of the 1997 Roswell H. Johnson Jr. Memorial Award sponsored by the Pittsburgh Chapter of Construction Specification Institute. Dennis has won five of the last six specification competitions.

Paul Kosman, AIA was named the Penn State College of Arts and Architecture 1997 Alumni Fellow. He is also the sponsor of a noted lecture series at Penn State.

Lami • Grubb • Architects has been named one of Pittsburgh’s fastest growing companies in the “Pittsburgh 100” competition held by the Pittsburgh Business Times and the Center for Economic Development at Carnegie Mellon University.

The International Masonry Institute presented the 1997 Western PA Golden Trowel Masonry Awards for Outstanding Achievements in Architectural Masonry Design and Construction to the following:
- Michael Dennis & Assoc. ODA Architects and Franco for the University Center at Carnegie Mellon University
- David J. Vater, RA, Inc. and Harris Masonry, Inc. for the Pittsburgh Oratory/Ryan Catholic Newman Center
- WTW Architects and Franco the Mt. Lebanon North Garage Transportation Center
- Crowner/King Architects and J. William Pustelak for the Marquette Savings Bank, Erie, PA
- L. D. Astorino and Associates and Harris Masonry, Inc. for the Pittsburgh Municipal Courts Building.

Business Briefs

Burt Hill Kosar Rittelmann Associates promoted Samuel K. Boyer to Director of Human Resources in their Butler office.

Johnson/Schmidt and Associates, JSA announced the addition of three new staff members: Maria A. Viteri, AIA, Mark I. Lighthall, AIA and Thomas A. Wippenbeck, Intern Architect. In addition, Viteri has assumed the position of Director of Marketing. JSA also announced that Robert J. Cortopassi, Jr. successfully completed the Professional Engineers Examination.
THE BOLD LOOK OF 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

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

BUILDING ON ITS STRENGTH

Structured to meet the everchanging demands of our clients, Nello Construction Company continues to build on its strength and offers a full range of construction services—from general construction, project management and construction management for over 46 years. The scope and variety of our work enables us to expand our creative talents continuously.

BON AIR ELEMENTARY SCHOOL
BURRELL SCHOOL DISTRICT
Lower Burrell, PA

NELLO CONSTRUCTION COMPANY
3 Glass Street, Canonsburg, Pennsylvania 15106 • 412-276-0010 • FAX 412-276-8123

Project Architect: Caudill/Johnston & Associates
The Pittsburgh History &
Landmarks Foundation

and

Hometowne Treasures

present

Henry Hobson
Richardson's

Allegheny County
Courthouse

Dimensions: 11" x 6 1/2" x 15"

First in the "Pittsburgh Treasures" series of handmade ceramic replications of historic Pittsburgh structures.

Created by Pittsburgh artists,
each limited-edition piece comes with a certificate of authenticity and an historic narrative from The Pittsburgh History & Landmarks Foundation.

Available at
The Landmarks Store
on the balcony at
Station Square.
1-412-765-1042.

AROUND TOWN

December 1 - January 12
Sparkle Season lights up downtown with plenty of things to see and do. Make certain one of them is to visit the AIA office for SPARKLEarchitecture!

December 6, Saturday
Pittsburgh History and Landmarks Foundation will host its second annual Downtown Holiday Walking Tour and High Tea from noon to 3 p.m. Cost is $25 for PHLF members and $35 for non-members. Call Mary Lu Denny at PHLF, 471-5808 for information and reservations.

December 21, Sunday
The Pittsburgh History and Landmarks Foundation annual Holiday Church Tour and Carol Sing will be held from 2 - 6:30 p.m. The tour bus will depart from Station Square at 2 p.m. The fee is $15 for PHLF members and $25 for non-members. Call Mary Lu Denny at PHLF, 471-5808 for information and reservations.
AIA CROSSWORD PUZZLE

Test your crossword puzzle skills and your AIA Pittsburgh knowledge at the same time.

ACROSS
1. A Chapter Service
2. Another word for slowing down traffic
3. He was a dossier subject
4. What new urbanists call the essential units of development
5. This syndrome describes some buildings
6. Author of a book on a local sculptor
7. New member J.E.
8. Allegheny Co.’s ranking in PA for miles of state-owned roads
9. What some people think some architects do
10. Issue in which the Downtown Plan was first discussed
11. The Chapter is developing one
12. Word Columns ed. loves to hate
13. Our favorite party this year
14. Over 80,000 of these were in and out of the area in 1995
15. The devil is in them
16. Where the 1997 Brown Award winner travelled
17. Site of the 30 minute architect
18. Bluprints
19. A staff member’s favorite architect
20. New type of downtown housing in Pgh.
21. What Anne Swager likes to do
22. Neinz and Rock and Roll share this
23. Building architects “greened” in ’97
24. Former Columns Editor
25. Alan Fishman, AIA volunteered here
26. A contractor or a Schenley Park notable
27. Clinton’s hometown or a federal grant program

DOWN
1. A Chapter Service
2. Another word for slowing down traffic
3. He was a dossier subject
4. What new urbanists call the essential units of development
5. This syndrome describes some buildings
6. Author of a book on a local sculptor
7. New member J.E.
8. Allegheny Co.’s ranking in PA for miles of state-owned roads
9. What some people think some architects do
10. Issue in which the Downtown Plan was first discussed
11. The Chapter is developing one
14. Over 80,000 of these were in and out of the area in 1995
16. Where the 1997 Brown Award winner travelled
17. Site of the 30 minute architect
18. Bluprints
19. A staff member’s favorite architect
20. New type of downtown housing in Pgh.
21. What Anne Swager likes to do
22. Neinz and Rock and Roll share this
23. Building architects “greened” in ’97

Solution to puzzle appears on page 23.
Kenneth M. Stehle, Associate AIA

Co-chair, Pittsburgh Intern and Young Architect Forum
WTW Architects

Family: Single
Years in Practice: five with Legos, six at school, 1 1/2 at work
First job: "Single combo with fries..." and King's Court Theater "Rocky Horror Picture Show"
Projects you're proudest of: Penn State University Student Union, University of Southern Mississippi Student Union
Most embarrassing project/moment: haven't had one yet...
Building you wish you had designed: The Uffizi and corridorio by Vasari
Building you'd like to tear down: Sixth Street Parking garage, adjacent to the bridge
If you hadn't been an architect, what would you have been? Shuttle pilot for NASA
If you could live anywhere in the world, where? Bern, Switzerland or Wurzburg, Germany
What's the best part of your job? permission to design
What have you always wanted to tell your boss? THANK YOU!...(can I go golfing now?)
What have you always wanted to tell your clients? Let's go golfing!
What's the most annoying thing architects do? critique 'everything'
Advice to students/interns: Don't complain without suggesting, don't suggest without doing.
Favorite author: Dr. Seuss
Favorite interior: Castel Vecchio, Carlo Scarpa
Favorite building: Sagrada Familia, Antonio Gaudi
Favorite city: Pompeii, Italy
Favorite architect: (too difficult...)
Favorite Pittsburgh neighborhood: Ben Avon
What's the next big architectural trend? Architects in public office
Someday I'd like to: pay off my loans, pay back my scholarships, and walk down the 18th on Augusta, Sunday afternoon.
The secret to my success is: getting involved in Pittsburgh during the week, getting out of Pittsburgh on weekends, and beginning the company golf league.
I belong to AIA because: In college, the AIA assisted friends and me through scholarship funding and academic events. As an intern, they have assisted us (PIYAF) with setting up other programs and events in the area. In all, they are a good group of professional mentors to all of us.
People I would like to thank: All those involved with the Pittsburgh Intern and Young Architect Forum, the AIA Chapter, and Laura Lee at CMU.
<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Phone</th>
<th>Fax</th>
<th>Contact</th>
<th>Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIC, INC.</td>
<td>128 Hanover Street, Carnegie, PA 15106</td>
<td>276-7577</td>
<td>276-7578</td>
<td>Robert A. Ardito</td>
<td>Commercial / Construction management General / Interior / Renovations</td>
</tr>
<tr>
<td>BRIDGES</td>
<td>1306 Brighton Road, Pittsburgh, PA 15223</td>
<td>321-5400</td>
<td>321-9823</td>
<td>Paul R. Bridges</td>
<td>Commercial / Construction management Exterior / General / Industrial / Interior Renovations</td>
</tr>
<tr>
<td>J. B. BUNN, INC.</td>
<td>717 Millers Run Road, McDonald, PA 15057</td>
<td>221-7144</td>
<td>257-4456</td>
<td>Jim Bunn</td>
<td>Commercial / Construction management Industrial / General</td>
</tr>
<tr>
<td>BURCHICK CONSTRUCTION CO., Inc.</td>
<td>500 Lowries Run Road, Pittsburgh, PA 15237</td>
<td>369-9700</td>
<td>369-9991</td>
<td>Joseph E. Burchick</td>
<td>Commercial / Construction management General / Industrial / Interior / Renovations</td>
</tr>
<tr>
<td>BURNS &amp; SCALO ROOFING CO., Inc.</td>
<td>400 Burns Drive, Suite 402, Bridgeville, PA 1517</td>
<td>221-0300</td>
<td>221-6282</td>
<td>Jack F. Scala, President</td>
<td>Commercial / Industrial / Residential Roofing sheetmetal / Architectural panels</td>
</tr>
<tr>
<td>F. J. BUSSE CO., Inc.</td>
<td>P.O. Box 8540, Pittsburgh, PA 15220</td>
<td>251-1213</td>
<td>251-9861</td>
<td>John Paul Busse</td>
<td>Commercial / Construction management Exterior / General / Industrial / Interior Renovations</td>
</tr>
<tr>
<td>CMI GENERAL CONTRACTORS, INC.</td>
<td>9800 McKnight Road, Pittsburgh, PA 15237</td>
<td>369-5200</td>
<td>369-9223</td>
<td>Raymond Hildreth</td>
<td>Commercial / Construction management Exterior / General / Industrial / Interior Renovations</td>
</tr>
<tr>
<td>DICCCO CONTRACTING CORPORATION</td>
<td>1009 Beaver Grade Road, Suite 200, Coraopolis, PA 15108</td>
<td>262-3540</td>
<td>269-6699</td>
<td>Samuel D. DiCiccio</td>
<td>Commercial / Construction management General / Industrial / Interior Renovations</td>
</tr>
<tr>
<td>DICK CORPORATION</td>
<td>P.O. Box 10696, Pittsburgh, PA 15236</td>
<td>384-1320</td>
<td>384-1215</td>
<td>John B. Bazzai</td>
<td>Commercial / Construction management Exterior / Highway / Industrial Interior / Renovations</td>
</tr>
<tr>
<td>P.J. DICK INCORPORATED</td>
<td>P.O. Box 98100, Pittsburgh, PA 15227-0500</td>
<td>462-9300</td>
<td>462-2588</td>
<td>Charles S. Pryor</td>
<td>Commercial / Construction management Exterior / General / Industrial / Interior Renovations / Institutional</td>
</tr>
<tr>
<td>FLYNN CONSTRUCTION, INC.</td>
<td>610 Ross Avenue, Wilkinsburg, PA 15221</td>
<td>243-2483</td>
<td>243-1925</td>
<td>David O’Connor</td>
<td>Commercial / Construction management Exterior / General / Interior / Renovations</td>
</tr>
<tr>
<td>GENERAL INDUSTRIES</td>
<td>15 Arezzeno Blvd., Charleroi, PA 15022</td>
<td>483-1600</td>
<td>483-9900</td>
<td>Donald J. Hul</td>
<td>Commercial / Exterior / General / Industrial / Interior / Renovations</td>
</tr>
<tr>
<td>HARCHUCK CONTRACTING CO., Inc.</td>
<td>122 Kent Road, New Kensington, PA 15068</td>
<td>339-7073</td>
<td>339-7076</td>
<td>David A. Harchuck</td>
<td>Commercial / Construction management Exterior / General / Industrial / Interior Renovations</td>
</tr>
<tr>
<td>KAGIN, INC.</td>
<td>756-22 Pine Valley Drive, Pittsburgh, PA 15239</td>
<td>327-2225</td>
<td>733-5993</td>
<td>Jeffrey D. Ferris</td>
<td>Commercial / Construction management General / Industrial / Interior / Renovations Residential</td>
</tr>
<tr>
<td>MORGAN P. KRONK, CONTRACTING CONSULTANT, INC.</td>
<td>P.O. Box 15540, Pittsburgh, PA 15244</td>
<td>787-0720</td>
<td>787-0730</td>
<td>Morgan Kronk</td>
<td>Commercial / Construction management General / Interior / Renovations / Residential / Valve engineering / Cost estimating</td>
</tr>
<tr>
<td>KUSEVICH CONTRACTING, INC.</td>
<td>P.O. Box 90042, Pittsburgh, PA 15229</td>
<td>782-2112</td>
<td>782-0271</td>
<td>George Kusevich, Jr.</td>
<td>Commercial / Construction management Exterior / General / Industrial / Interior Renovations / Institutional</td>
</tr>
<tr>
<td>LANZIA BUILDING COMPANY</td>
<td>9855 Renamani Road, Worthington, PA 15009</td>
<td>284-9860</td>
<td>335-6510</td>
<td>Thomas A. Landau</td>
<td>Commercial / Construction management General / Industrial / Interior / Renovations</td>
</tr>
<tr>
<td>MARCO CONTRACTORS, INC.</td>
<td>377 Northgate Drive, PO Box 515, Washington, PA 15086</td>
<td>658-1600</td>
<td>658-3153</td>
<td>Martin R. Smith</td>
<td>Commercial / General Contractors specializing in Retail Build Outs / Interior Renovations</td>
</tr>
<tr>
<td>A. MARTINI &amp; CO., INC.</td>
<td>603 Grant Street, Venetia, PA 15147</td>
<td>228-5500</td>
<td>228-6488</td>
<td>Angelo Martini, Jr.</td>
<td>Commercial / Construction management Exterior / General / Industrial / Interior Renovations</td>
</tr>
<tr>
<td>MISTICK CONTRACTING</td>
<td>1300 Brighton Road, Pittsburgh, PA 15233</td>
<td>322-1121</td>
<td>322-9336</td>
<td>Robert Mistick</td>
<td>Commercial / Construction management Exterior / General / Interior / Renovations Residential</td>
</tr>
<tr>
<td>MOSITES CONSTRUCTION COMPANY</td>
<td>4803 Cambellsville Run Road, Pittsburgh, PA 15205</td>
<td>923-2255</td>
<td>788-1199</td>
<td>M. Hein Mosites</td>
<td>Commercial / Construction management Exterior / General / Highway / Industrial Interior / Renovations</td>
</tr>
<tr>
<td>HELLO CONSTRUCTION COMPANY</td>
<td>3 Grass Street, Carnegie, PA 15106</td>
<td>287-0110</td>
<td>276-6123</td>
<td>Janet Torrieri</td>
<td>Commercial / Construction management Exterior / General / Industrial / Interior Renovations</td>
</tr>
<tr>
<td>PDG ENVIRONMENTAL, INC.</td>
<td>102 Technology Drive, Export, PA 15632</td>
<td>925-1449</td>
<td>327-3721</td>
<td>Shawn P. Regan</td>
<td>Asbestos abatement contractor</td>
</tr>
<tr>
<td>TEDCO CONSTRUCTION CORPORATION</td>
<td>TEDCO Place, Carnegie, PA 15106</td>
<td>786-8000</td>
<td>786-6064</td>
<td>Beth Cheberek</td>
<td>Commercial / Construction management Exterior / General / Industrial / Interior Renovations</td>
</tr>
<tr>
<td>JOSEPH VACCARELLO, JR., Inc.</td>
<td>P.O. Box 663, Carnegie, PA 15106</td>
<td>276-2755</td>
<td>276-7965</td>
<td>Gary Dickinson</td>
<td>Commercial / Highway / Industrial Residential / Bulk Excavation Site Development</td>
</tr>
<tr>
<td>VOLPAI CONSTRUCTION CORPORATION</td>
<td>250 Curry Hollow Road, Pittsburgh, PA 15236</td>
<td>653-5454</td>
<td>653-5755</td>
<td>Raymond A. Volpali</td>
<td>Commercial / Construction management General / Industrial / Interior / Renovations</td>
</tr>
<tr>
<td>WJG CONTRACTING, INC.</td>
<td>P.O. Box 4236, Pittsburgh, PA 15203-0236</td>
<td>381-7979</td>
<td>381-7958</td>
<td>William J. Garmey, Jr.</td>
<td>Commercial / Construction management Exterior / General / Interior / Renovations</td>
</tr>
</tbody>
</table>

*Member of the MASTER BUILDERS’ ASSOCIATION.*
Membership Committee

Brett W. Ligo, AIA
N. Lee Ligo & Associates

Brett came to the Slippery Rock firm in 1992 following five years of employment by architectural firms in the City of Pittsburgh. A graduate of Carnegie Mellon University in 1986, Mr. Ligo resides with his wife, the former Cynthia Cerchie and their son, Hunter, on Edgewood Road in Butler Township. He recently completed Leadership Butler and serves on the March of Dimes board. Brett reports that when not practicing architecture, he enjoys look for architectural artifacts, traveling and gardening. Welcome, Brett!

Upcoming Issues

JANUARY: The Pittsburgh Region as a Design Hub (Part 1)

MARCH: The Pittsburgh Region as a Design Hub (Part 2)

Guidelines for Submissions:
We're eager to hear from you with story ideas and articles. Before completing an article, please contact Gloria Forouzan at AIA (471-9548) or fax her a brief outline or description (471-9501). Final articles must be accompanied by photos and/or sketches; identify the subject and the project architect and contractor (if appropriate).

Once an article is accepted, submit a hardcopy and a copy of it on a disk, along with any illustrations. We prefer a MAC format (Clarisworks or Microsoft Word v. 3.0 or 4.0) or Word for Windows. Copy should also be emailed to the editor at cyberjyber@aol.com. We reserve the right to accept or reject all submissions and to edit all accepted submissions.

Solution to puzzle on page 21.

SUPPORT FOR IDEAS
new construction renovation preservation

KONEFAL & COMPANY, INC.
structural engineering

ACCESS THE PROFESSIONALS
ADA, Inc. is a niche firm specializing in ADA & other accessibility-related regulations. We provide a range of consulting services, combining the users’ perspective with an in-depth, up-to-the-minute knowledge of the regulations. We offer design professionals creative and cost-effective technical assistance, from concept through construction administration, to help ensure compliance and usability.


Contact Joan Stein, President and CEO, at 412-263-2ADA (Voice/TDD)
ADA, Inc. is represented by Diversityworks
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 build some of the most award winning new construction projects in the area. Projects such as:
- Levin Furniture
- Cycam, Inc.
- Southpointe Golf Club
- Polycom-Huntsman, Inc.
- Centimark Corporation
- U.S. Naval & Marine Reserve
- Accutrex Products, Inc.
- Millcraft Industries
- Timberline Packaging, Inc.
- Pennsylvania-American Water Company
- Sarris Candies, Inc.

* Southpointe Plaza 1*

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

GENERAL INDUSTRIES
GENERAL CONTRACTORS

15 Arentzen Boulevard • Charleroi Industrial Park • Charleroi, PA 15022

* Project Architect: Burt Hill Kosar Rittelmann Associates

Pre-engineered building systems and custom construction • Call for a FREE guide to building planning and construction.

THE MASTER BUILDERS ASSOCIATION OF WESTERN PENNSYLVANIA (MBA)

Check Us Out On The Web www.mbawpa.org

Western Pennsylvania's exclusive qualified contractor list is now available at your fingertips, via the Internet. Contractor fax and phone numbers and company narratives are featured, as well as information about MBA programs and services.

The web site has direct links to contractor's web pages and e-mail, as well as links to the Associated General Contractors of America's web site. We'll be adding more data, including the AIA/MBA Yellow Book of Recommended Construction Practices in the very near future.

So check us often, at www.mbawpa.org

Call Executive Director Jack Ramage at 412-922-3912 for more information on this issue.
GENERAL SERVICES DIRECTORY

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

ARCHITECTURAL WOODWORK

- GIFFIN INTERIOR & FIXTURE, INC.
  500 Scotti Drive, Bridgeville, PA 15017
  PHONE: 221-1165  FAX: 221-3745
  CONTACT: Monty Gibson
  Architectural Woodwork, Custom Cabinetry, Retail Store Fixtures, Institutional Casework, Solid Surfacing and Interior Renovations.

BLUE PRINTS

- TRI-STATE BLUE PRINTING, INC.
  911 Penn Avenue, Pittsburgh, PA 15222
  PHONE: 281-3538  FAX: 281-3544
  CONTACT: George R. Marshall
  Blueprinting, Oversized Xeroxing, Mounting, Laminating, Giant stats, Wash-off mylars, Unlimited size digital and hardcopy color output, Project manuals, Art supplies

HVAC

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

OFFICE FURNITURE

- WORKSPACE, INC.
  436 S. Main Street, Pittsburgh, PA 15220
  PHONE: 920-6300  FAX: 920-7570
  CONTACT: Dave Sauter
  Sales, Service, Installation and project management for all of your KNOILL & KIMBALL office furniture. Special discounts for architects.

SIGNAGE

- C-AD SIGNS
  113 Third Street, Pittsburgh, PA 15215-2002
  PHONE: 782-1147  FAX: 782-0645
  CONTACT: Jack Harnick
  Commercial signage, Illuminated and non-illuminated, Design, fabrication, erection and maintenance.

WATERPROOFING CONTRACTOR

- T-N-D OF PITTSBURGH, INC.
  1422 Frey Road, Pittsburgh, PA 15235
  PHONE: 412-374-1330  FAX: 412-374-1330
  CONTACT: Art Hawk or John Gibbon
  W. PA's selected contractor utilizing KOCH material's "TUFF-N-DRI" waterproofing systems. "GUARANTEED DRY"
BUILDING THE FUTURE AND MAKING A DIFFERENCE

P.J. DICK INCORPORATED
TRUMBULL CORPORATION

BUILDERS & CONSTRUCTION MANAGERS
PITTSBURGH · COLUMBUS
P.O. BOX 98100 PITTSBURGH, PA 15227-0500 412-462-9300
EQUAL OPPORTUNITY EMPLOYERS
WWW.PJDICK.COM WWW.TRUMBULLCORP.COM
Create the homes of your customers' dreams. Designs that build dream homes begin with Kolbe & Kolbe. 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 custom home designs a reality.

Local Kolbe & Kolbe Projects include:
- Nevilwood Clubhouse
- Nevilwood Carriage Houses
- Nevilwood 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
L-70, Exit 6
1600 Jefferson Ave.
(412) 222-6100

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

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