





E

# THIS ISSUE

- ► Legislative Overview
- ► Home Rule vs Seal Law
- ► New State Architect
- ► Board in Brief

JUNE 1989 VOLUME NO. 5 ISSUE NO. 2

# ARCHI TYPES

June 1989 Volume 5, Issue 2

#### Architypes

Editor: John H. Carr, AIA Design: Robertson Design Printing: Baesman Printing Corporation

#### Architects Society of Ohio/American Institute of Architects

17 South High Street, Suite 1200 Columbus, Ohio 43215 614/221-0338 David W. Field, CAE, Executive Vice President Madeline Mohanco Field, Director of Services Christy Gonzalez, Executive Secretary

#### **Board of Directors**

President	Kenneth J. Fogle, AIA
President-Elect	Jack L. Hawk, AIA
Secretary	David S. Collins, AIA
Treasurer	E. Lynn App, AIA
<b>Regional Director</b>	Phillip T. Markwood, AIA
National Director	Gerald S. Hammond, AIA

#### Directors

Akron Chapter	John E. Harris, AIA
Cincinnati Chapter	Richard H. Mellott, AIA
Cleveland Chapter G.F	Robert McCullough, AIA
Columbus Chapter	Larry R. Browne, AIA
Dayton Chapter	John H. Carr, AIA
Eastern Ohio Chapter	Robert Mastriana,
	AIA
Toledo Chapter	Joseph E. Vetter, AIA
School of Architecture	Gordon Simmons
AIAS Representative	Christopher Kern

ARCHITYPES (ISSN 0883-7082) is published bi-monthly by The Architects Society of Ohio/AIA.

POSTMASTER: Send address changes to ARCHITYPES, 17 South High St., Suite 1200, Columbus, OH 43215.

Subscription price to nonmembers: \$10.00 per year, \$3.00 per copy.

Address all communications to ARCHI-TYPES, 17 South High St., Suite 1200, Columbus, OH 43215.

Second class postage paid at Columbus, OH.

#### **On The Cover:**

Detail from the Palace Theater & Stagehouse; Architects—van Dijk, Johnson & Partners, Cleveland. The Project won a 1988 Cleveland Chapter Design Award. Photography: Don DuBroff, Sadin Photo Group, Ltd.

## ASO Legislative/Regulatory Overview

#### COURT UPHOLDS SPRINGDALE DECERTIFICATION

The building Department of the City of Springdale has been decertified from demanding A/E Seals on plans. The common pleas court has upheld the decertification. The issue is "home rule." ASO interests and concerns are spelled out in the article, "If We Win We Lose," elsewhere in this issue.

#### **MIDDLEBURG HEIGHTS DECERTIFIED**

On May 5, the Board of Building Standards decertified the Building Department of Middleburg Heights for enacting restrictions on the BOCA Code. The revocation is effective June 1, but may be appealed.

#### **BOCA PLUMBING CODE REJECTED**

The Board of Building Standards has decided not to go to a public hearing on the question of replacing Ohio's plumbing code with the BOCA model plumbing code. The vote was a close 6-5.

#### F & B FEE HIKES EFFECTIVE JULY 1

The Board of Building Standards has approved Factory and Building's request for increased fees effective July 1. Summaries of the increased fees are available from the ASO office.

#### **INTERIOR DESIGN LICENSING**

The AIA, ASID, and IBD negotiated agreement which allows title registration of specialized disciplines within the building industry was, in effect, ratified May 6, by a 2-1 margin during the AIA St. Louis convention. The Coalition for Interior Design Licensing in Ohio (CIDLO) is thinking about a different approach . . . certification by the Ohio Board of Building Standards, but no bill has been introduced thus far.

#### **IDP REQUIREMENTS**

Senator Charles Horn (R-Dayton) has introduced SB 110 which would: allow the State Board of Examiners of Architects to require completion of an Intern Development Program (IDP) as a condition of registration; eliminate the experiencebased alternative to education by requiring an architectural degree; allow the Board to subpoena witnesses and documents; and allow the Board to set registration fees which are now set by law. The bill was introduced in behalf of the Board of Examiners and referred to the Judiciary Committee where it has had two hearings.

#### SEAL LAW

ASO is continuing to discuss proposed amendments to Ohio's seal law with representatives of the Ohio Homebuilder's Association. Currently under discussion is the possibility of language which would make clear that "drafters" are not always practicing architecture in return for more restrictive seal language. The ASO Board has authorized discussions in this area and **Dave Collins, AIA**, Cincinnati, has contacted his counterpart on the Ohio Homebuilder's Board.

#### **LIEN RIGHTS**

The Executives of Ohio Association of Professional Surveyors, the Ohio Association of Consulting Engineers, the Ohio Association of Professional Engineers, and the Ohio Chapter of the American Society of Landscape Architects and ASO met March 20 to assess the current prospects for moving legislation in Ohio that would give professionals lien rights. ASO sent all participants a copy of AIA's summary of state professional lien laws.

The group decided to do some research and then meet again.

#### STATUTE OF LIMITATIONS

The law that limits architects' liability to 10 years is under review by the Ohio Supreme Court, and could be struck down. ASO acted in conjunction with its engineering counterparts and the AIA to file an amicus brief April 28, in defense of the current statute.

The case at issue involves a student who in 1985 was injured when he ran his hand through a panel of wire-mesh glass in a dormitory door at Kent State University.

The dorm was designed in 1961, and completed in 1963. Nevertheless, the plaintiff sued the architect and contractor, but not the owner (the university).

The Cuyahoga County Common Pleas Court issued a summary judgement in favor of the defendants who argued that they were protected by the statute of limitations. The Eighth District Court of Appeals rejected the plaintiff's appeal. However, the Supreme Court agreed to hear the case, which may mean it has a substantial disagreement with the lower courts.

The statute of limitations (ORC 2305.131) in effect says that no action for damages can be brought against the designer or constructor of an improvement to real property for more than 10 years after the performance or furnishing of such services and construction.

In this case, the plaintiff says the law effectively "closes the court to him and others in his class, simply because of the timing of his injury." He contends that the law sets up two unequal classes: one lucky enough to be injured within 10 years of the improvement, and the other not.

The plaintiff also argues that while architects and contractors are sheltered from liability; owners, material suppliers, and manufacturers are not; and so the law fails the "equal protection" test.

#### **OTHER SIDE**

The student plaintiff, of course, is not an owner, material supplier, or manufacturer, and cannot enter the court with such status. And, there is a rational basis for providing A/E's with protection not afforded these three.

The ASO amicus brief argues that while manufacturers and suppliers of building products have the ability to test and pretest their products, and owners have the opportunity and obligation to maintain their property and structures, design professionals and builders lack any control over a building once it is completed and turned over to the owner.

"Moreover, the balance should be tipped in favor of finding these statutes of repose constitutional because owners can readily insure, on a current basis, their risks from personal injury or property damage claims arising from defects in improvements to real property. If original design professional or contractor for a building faces an indefinite liability, then he or she would have to insure against that risk indefinitely."

Retired architects may be unable to obtain affordable insurance coverage, and all architects may face the possibility of being unable to obtain retroactive insurance coverage.

Attorney for the amicus, Robert Stafford, noted that this very issue was addressed by the Supreme Court of North Dakota, which recently upheld that state's 10-year statute of limitation, saying that it furthered the public policy of "allowing people, after a lapse of reasonable time, to plan their affairs with a degree of certainty, freed from the disruptive burden of protracted and unknown potential liability."

Stafford also urged the court to reject the plaintiff's contention that defendants should have ten (10) years from the discovery of a defect in design or construction to file a lawsuit, rather than ten (10) years from the date of project completion. Such a discovery rule often applies in cases of medical malpractice. "The appellant's attempt to couch its suggestion must be viewed for what it is — an attempt to stand the statute of limitations on its head by gutting the primary purpose of the statute, which is to provide architects, engineers and other design professionals with a definite and determined period of exposure for any given project."

This is a serious threat. Just last month, the Wisconsin Supreme Court struck down that state's six (6) year statute of limitations as a result of a challenge based on nearly identical constitutional arguments.

Court schedules being what they are, this case is not expected to be decided before late Fall, or perhaps next year.

Copies of ASO's amicus brief in support of the statute are available upon request.

#### **STUDY OF SPLIT PRIMES**

ASO has supported Senate Joint Resolution 5, introduced by Senator Charles Horn (R-Dayton). Instigated by the Associated General Contractors (AGC), SJR 5 calls for a Legislative Service Commission (LSC) study of the use of split vs. single prime contractors for state construction. Ohio is one of only a handful of states that mandates the use of split primes, which some studies conclude costs 20% more than single prime construction due to mix-ups and arguments over who is responsible for what.

Some contractor and union groups have already begun to lobby against the measure which had a sponsor's hearing April 11. Several subsequent hearings have been cancelled.

#### **ONE STOP PLAN REVIEW IMPLEMENTED**

Since May 1, architects have been able to take their plans to Factory and Building at 2323 West Fifth Avenue, Columbus, for full review. The lines of authority have not changed; only the location of some examiners.

#### Jack F. Frost Named State Architect

Jack Frost, Plans Examiner Supervisor of the Division of Factory and Building became the new State Architect June 5, according to Deputy Director of the Department of Administrative Services, Carole Olshavsky, FAIA.

Frost has been with F&B for five years and spent the five previous years as the City of Newark Code Administrator. He has been registered in Ohio for 19 years.

Anyone interested in filling Frost's position at F&B is invited to send his resume to ASO Executive Vice President, **David W. Field, CAE** who will pass it along to the Division.

#### Board of Examiners Appoints Investigator

The Board of Examiners of Architects has announced the appointment of Richard E. Bearor as the Investigator for the Board. Bearor comes to the Board with more than eighteen years of experience with the Columbus Police Department.

He will be responsible for the investigation of all complaints regarding the unlicensed practice of architecture and those involving disciplinary action concerning architects. During the coming weeks and months he will be meeting with building departments around the state and will be in contact with various AIA Chapters and the ASO.

If you are aware of possible violations concerning the practice of architecture, please contact Bearor at the Board offices: 77 S. High Street, 16th floor, Columbus 43266-0303, (614) 466-2316.

EMPKO, Inc. represents

Architectural Surfaces, Inc. Product Line Architectural Tambours Architectural Metal and Mouldings Linear Ceilings Open Cell Ceilings Solid Wood T & G Ceilings and Wall Planking Specialty Lighting Enclosures Wood and Metal Coffered Ceilings and Walls Wood and Metal Grills Woodscreen Wooden Lattice Woodstick Wall Panels

INCORPORATED P.O. Box 246 Wadsworth, OH 44281-0246 Tom Huchko Telephone 216-336-6168

# Recent Additions to the National Register

The Luther B. Ranney Farm at 6484 Old Route 8 in Boston Heights, listed as an example of mid-19th century rural vernacular architecture. The clapboard house, built in 1844, is influenced by the popular Greek Revival style of the time and reflects the New England building traditions which prevailed in the Western Reserve. Its Greek Revival features include a full entablature, cornice returns, door with rectangular transom and pilasters, and multi-paned windows with flat lintels. Two stories with a one story wing, it is a model of the "New England Large" house type, characterized by its central chimney, side-facing gables and centered door. The house was built for Luther B. Ranney, a farmer, on land which was part of a 60 acre farm settled in 1820 by Comfort Ranney who came to the Western Reserve from Connecticut. The Ranney Farm is owned by Charles Butler of 6171 Old Route 8, Peninsula.

The Cleveland Worsted Mills Redfern Mill (Oak Rubber Company) on S. Chestnut Street in Ravenna, listed for its association with Ravenna's industrial development and its local architectural significance as an early 20th century industrial complex. In operation since 1890, it was originally the dyeing and finishing department of an 11 mill operation spread throughout the eastern United States. Cleveland Worsted Mills was the community's largest employer and fostered a period of growth and prosperity that transformed Ravenna from a rural trading center into an industrial community. The utilitarian brick buildings are characteristic industrial architecture of the era with simple details. The oldest, dating from 1890, is a three story brick building with a one story wing and stepped monitor roof. The largest is the four story main mill, built around 1905 and expanded in 1920, a long narrow building with parapet walls on the east and west ends and segmental arched windows. The property is owned by Oak Rubber Company.

The Halsey Hulburt Homestead at 5484 Seville Road in Seville, listed for its association with Hulburt, a conductor on the Underground Railroad, and its local architectural significance. Several sources, including his daughter's memoirs, identify Hulburt as one of three conductors in Medina County, and offer detailed accounts of his work in aiding fugitive slaves. The two story frame house was built in 1835 and Hulburt lived there until he died in 1890. An example of the Greek Revival style popular at the time it was built, the Hulburt Homestead reflects the New England heritage of its owner and the Western Reserve. It has a gable end facade, full pediment, plain wide cornice, and classical door surrounds. The floor plan is unaltered and the original staircase, woodwork and fireplaces are intact. It remained in the Hulburt family from 1835 to 1976, and is now owned by Dennis and Marianne Bender.

# NCARB Will Offer Graphic Portions of Architect Registration Examination Twice Yearly

Candidates seeking architectural registration through the Architect Registration Examination (A.R.E.) now have an additional opportunity each year to pass the graphic portions of the exam. Beginning this December, NCARB will provide Division B: "Site Design, graphic" and Division C: "Building Design" to its member boards who have agreed to administer these two design exams to their applicants. The Division B examination is scheduled for December 11, and Division C for December 12.

NCARB is striving to maximize opportunities for exam candidates. Along with an additional graphic examination, NCARB also offers certain divisions of the A.R.E. in a computerized format at two other times during the year in addition to the June written administration. In the spring and fall, the computer-administered A.R.E. (C/A.R.E.) offers candidates the chance to schedule a convenient time and place to take some written portions of the A.R.E. This October, candidates may take Division D/F: "Structural Technology General & Long Span"; Division E: "Structural Technology: Lateral Forces"; and Division I: "Construction Documents."

# Just A Reminder . . .

Architects and firms that use AIA Documents qualify for reduced rates on professional liability premiums provided by leading insurance carriers.





Hulburt Halsey Homestead, 5484 Seville Rd., Seville, Medina Co., Ohio.

# If We Win We Lose

#### HOME RULE VS. THE SEAL LAW

Currently, there are two cases pending that are of major interest to the architectural community in which ASO may play a significant role. Both cases involve action by the Ohio Board of Building Standards (BBS) to revoke the certification of local building departments. In each case, a local amendment has been made that is in direct conflict with specific requirements of the Ohio Revised Code or the Ohio Administrative Code. In each case the BBS has reviewed the specifics of the code, and in the Springdale case, has revoked their certification. The City of Middleburg Heights case was just heard and action on the case was taken at the May 5, 1989 meeting of the BBS.

The foundation of each case, although based on different specific issues, is the ability of a local community to create law that is contrary to general law. As a policy the ASO and the AIA National organization has supported the adoption of codes on a statewide basis which is founded in the Policy which states:

The AIA supports the adoption and enforcement of building codes and standards that are the product of informed education, research, and review. The AIA also supports active participation of the architect and public in a consensus process that includes provision for a prompt appeals procedure all that might be aggrieved.

It is fair to say that the process by which the modifications which Springdale and Middleburg Heights made were neither the product of informed education, research, or review, and definitely was not a consensus process. The City of Springdale, Ohio, a suburb of Cincinnati had placed in its local regulations a provision that would require that an architect's or engineer's seal appear on documents submitted for a permit under the Ohio Basic Building Code. The City of Middleburg Heights, Ohio, a suburb of Cleveland, has placed in its local code requirements to place 2 hr. fire walls between dwelling units, and requiring apartments, hotels, and motels which have units built one above the other to be at least 2A construction. Each of these are dramatic changes to the current wording of the Ohio Codes.

#### SEAL LAW

Until recently, Springdale's application of the seal law regulations was a fairly widely held interpretation of Revised Code Section 4703.18 (B), which states: Sections 4703.01 to 4703.19 of the Revised Code, shall not prevent persons other than architects from filing application for building permits or obtaining such permits, providing the drawings for such buildings are signed by the authors with their true appellation as engineer. contractor, carpenter, or other appellation, but without the use of any form of the title architect, nor shall it prevent such persons from designing buildings and supervising the construction thereof for their own use.

A request by the State Board of Examiners of Architects for an interpretation by the Ohio Attorney General changed that for all of us. He stated in his opinion that the law did not require that a seal be placed on any set of documents for review by the Department of Industrial Relations or any Certified Building Department (which appears to be a correct reading). In response to this interpretation, efforts were undertaken by the ASO and OACE to draft an acceptable change to this regulation which may be ready for submission in this legislative session.

There are strong feelings within the ASO that we should intervene in the Springdale appeal by filing an amicus brief at the appellate level, supporting the requirements for seals. If ASO pursues the preparation of the brief, and Springdale wins, architects will be the loser, because the basis for the decision by the Board of Building Standards and the basis of the appeal is not the use of a law requiring a seal on plans, but the violation of the home rule limitations.

#### HOME RULE

Home rule is a form of government that is currently followed in Ohio within specific areas of control. Following this concept in the formation of the constitution, certain powers are granted to the local unit of government. Other powers are limited to the State and are controlled by the legislature. It is often felt by supporters of home rule that additional power may be undertaken by the local unit of government as long as it is more stringent than the state regulation. However, in the courts the current understanding allows only those powers which are specifically granted to be altered.

Under the current process, the rules of procedure under 4703 (Licensure of Architects) are developed by the Legislature, and are the operating authority of the Board of Examiners of Architects. Without the limiting structure of legislative direction and administrative oversight by the Boards, chaos would result. How would the ASO feel if each municipality could determine what building code was to be used or who was to be licensed to practice architecture in that municipality? Is it any more acceptable to have a local community deciding *when and if* a license should be required for submission?

ASO has supported the report of the OCC/NIBS (Ohio Consultative Council of the National Institute of Building Sciences) report on the Board of Building Standards which contains several recommendations that would change the control of construction. One item in the report would remove the provisions within the ORC (Ohio Revised Code) which allows local jurisdictions to make rules "not in conflict" with the Board's rules, which have principally been used to abuse the rules as is found in the Middleburg Heights case. The report also recommends the removal of control of one-, two-, and three-family dwellings from the local community, providing better uniform control over this important element of the construction market.

What could be gained by ASO's participation in the Springdale case? If Springdale wins, only registered architects and engineers may prepare and submit plans for review in Springdale. Any other municipalities that wish to make a similar rule would also be permitted to do so. Any municipality that wished to require a local certificate to practice architecture could do so. This could mean several hundred different requirements for the practice of architecture.

This parallels very closely the Middleburg Heights case. They determined that the BOCA Code was not sufficiently stringent for the construction of multifamily dwellings, and so enacted regulations to limit the type of construction that can be used and added additional dwelling unit separation requirements. What process of code development did they follow? Was there a consensus amount the affected parties within the construction industry and the public that indicated that this type of dramatic change was necessary? Examination of the various national standards for construction, that closely follow a consensus code development process, shows that none of the requirements that Middleburg Heights created reflected in those documents.

#### **ASO'S POSITION**

How then does ASO react to the two cases? Middleburg Heights is obviously a case where the city has subverted the code change process and does not follow a consensus process. Springdale is attempting to require a licensed professional on all construction under the OBBC, which is contrary to the interpretation of legislative intent. If we file a brief supporting Springdale, are we not saying that a city should have the right to modify state rules if they benefit architects, and by opposing Middleburg Heights are we not saying that because there is no benefit to architects they should not have that right.

Although the Board of Directors has given the Executive Vice President authority to proceed with the development of the brief in support of seal requirements without attacking the limits on **home rule**, the basic issue to be resolved at the appellate level is home rule. That fundamental issue of law cannot be avoided in either case and we should be consistent in our position. If the Springdale case is decided in Springdale's favor, we will lose in the Middleburg Heights case. Indeed, we will lose much more that is very important, the State's control over the practice of architecture.

- David S. Collins, AIA

#### EMPKO, Inc. represents Finestone Coatings Product Line Exterior Insulated Finish Systems Base Mortar System Non-Cementitious EISFS Aggregate Surfacing Textured Surfacing Racquetball Court Systems HE ENERGY MINDEED PRODUCTS COMPANY INCORPORATED

P.O. Box 246 Wadsworth, OH 44281-0246 Tom Huchko Telephone 216-336-6168

Computer assisted and printed cost estimates for the conceptual designdevelopment, working and final drawings stages of any project. Since 1964. Contact:

> John L. McClellan, P.E. 15 N. Main St. Pleasant Hill, OH 45359 513/676-2245

# Architects' Oral Interview Presentation

Tape recordings, transcripts, and synopses of interviews with 18 leading Cleveland area architects were presented to the Kent State University Archives this past February 5th. James Dalton, AIA. Chairperson of the School of Architecture and Environmental Design, hosted the meeting held at the architectural library. Interviewer, Stanley N. Garfinkel, Associate Professor of History at KSU Geauga Campus; and Project Director. Clyde Patterson, AIA, Emeritus Professor of Architecture and Environmental Design, and member of the Cleveland Chapter, made the presentation to University Archivist, George Hing.

This ongoing project was made possible by grants from the Ohio Arts and Ohio Humanities Councils Joint Program and the Cleveland Foundation. The conclusion of the Joint Program grant has made available to interested groups:

1. A program entitled "Celebration of Talents: Reflection on the Work and Times of Cleveland Senior Architects." 2. Synopses of the interviews with ten architects:

Robert A. Little, FAIA Richard Fleischmann, FAIA Robert C. Gaede, FAIA Peter van Dijk, FAIA Robert P. Madison, FAIA George F. Dalton, AIA Lottie B. Helwick, AIA Jack A. Bialosky, AIA John T. Kelly, AIA John C. Bonebrake, AIA

3. Slides of 15-20 significant works of each architect.

In addition, the Cleveland Foundation Grant concluded with a computerized biographical file of 1000 Cleveland architects, living and deceased.

**Todd Schmidt, AIA**, President of the Cleveland Chapter of the A.I.A. and **Richard Van Petten, AIA**, Chairman of the Historic Resources Committee, spoke briefly. The historical background of Cleveland architects made available by these grants is particularly important at this time in anticipation of the 100th anniversary of the Cleveland Chapter/AIA in the fall of 1990.



Left to Right: Professor Stanley Garfinkel; George Dalton, AIA, George Hing, Archivist – Kent State University; Clyde Patterson, AIA, Project Director; Richard Van Petten, AIA, Chairperson of Historic Resources Committee; Robert P. Madison, FAIA; John Bonebrake, AIA; and Todd Schmidt, President, Cleveland Chapter AIA

# Documents Word Processing Package Announced

"On The Line" a new word processing package for the A-Series AIA Documents, will be available this summer.

The new software package will allow users (primarily contractors for the A-Series package) to fill in the blanks on AIA Documents, and then store the information so that it can be edited and reused to complete future forms. A package of A-Series documents with a retail value of \$50 will be included in the cost of the software. On The Line will operate with laser printers only, and the A-Series product can only be used with IBM or compatible hardware (the vast majority of contractors use IBM).

# **Sidells Advanced to Fellow**

Arthur F. Sidells, FAIA, former member of the Eastern Ohio Chapter, has been advanced to the AIA College of Fellows.

Fellowship is a lifetime honor and Sidells was one of forty-four members invested this year at the AIA Convention in St. Louis.

The Eastern Ohio Chapter made the nomination recognizing the contributions he has made in architectural education, accreditation and the examination process.

The last architect to be advanced from the Eastern Ohio Chapter was **Charles F. Owsley** of Youngstown in 1945. Sidells worked for Owsley and met his wife, who was employed as the firm's executive secretary, while there.

During his career Sidells accomplishments include serving on the Ohio State Board of Examiners for 11 years and the NCARB for 5 years. He was appointed to the NAAB in 1967 and served for the following seven years. For two years he acted as the NAAB representative on the Five Presidents' Council helping coordinate future planning for the profession.

In 1972 and 73 Sidells was a member of the Five Presidents' Task Force on Architectural Education. Those studies have served as a guide to architectural education from the early '70's and will extend into the next decade.

By invitation and request, in 1987 the Directors of the Architecture Archives of the Hunt Library at Carnegie Mellon University entered the Arthur F. Sidells Collection of about 250 drawings and documents covering four major northeastern Ohio buildings: the historical restoration of the National William McKinley Birthplace Memorial and Library in Niles, the W.D. Packard Music Hall in Warren, the Trumbull Campus of Kent State University and the Second National Bank & Tower in Warren.

Registered by the first NCARB examination given in Ohio in 1932, Sidells has been a member of the AIA for 44 years and continued his practice for 57 years. During that time over 500 architectural commissions were executed by the Sidells office, including over 25 elementary, secondary and college level schools and university buildings. Many of those commissions led to awards for the firm.

Sidells received the Eastern Ohio Chapter AIA's Gold Medal in 1983. In 1985 he was presented with the NAAB Thomas Jefferson Medal for Service to Architectural Education.

Sidells and his two sons are all graduates of Carnegie Mellon University. In 1986 they joined in establishing a Carnegie Tradition Scholarship in the architectural department at CMU. The older son, Stephen is with IBM in Menlo Park, Stuart is practicing architecture in Berkeley where he received his degree of Master of Architecture.

# 1990 AIA Committee Appointments

Unfunded appointed membership in the "open" committees is now available to all AIA Members and Associate Members who make the commitment to be active and attend committee meetings. Members should write to the "Open Committee," in care of the committee staff at AIA headquarters, requesting appointment no later than September 1, 1989.

If you know of qualified and able candidates for available positions on the "limited" committees, please forward your recommendations to Phil Markwood, the Ohio Regional Director by June 26, 1989. The expected vacant positions for 1990 in limited committees are:

Architects Liability - 2 Membership - 1 Component Resources - 2 Documents - 2 Resolutions - 1 Scholarships - 1 Environmental Education - 1 IDP Coordinating - 2 Women in Architecture - 1 MASTERSPEC Review - 1



# Can You Keep a Secret?

Sure you can. And so can we. But if you're designing buildings that you're proud of, then tell people about it! Use the ARCHITYPES!

We want to feature the best of the state's design work. And we try to keep tabs on who's doing what although it's not always easy to cover Cincinnati, Dayton, Cleveland, Akron, Toledo when you're in Columbus.

Don't keep your work a secret. Write to us and tell us what your project is, where it's located, who the client is, an estimated completion date and give a brief description.

Chances are we could feature your work in the ARCHITYPES . . . and it wouldn't be a secret anymore.

# New Code Service for Akron

In early April the city of Akron presented a new service to the building industry with the formation of a Developer's Construction Service Division. Under this new program, members of the building industry have an opportunity to work with the division to find acceptable alternatives that will help speed the permitting process.

**David Smith** is the new Director and is located in Room 204 in the Department of Public Service, 203 Municipal Bldg. / 375-2270, 216/375-2042.



# SDI-Designed S&L Data Building Anchors Third Street

Space Design International Inc. (SDI), an architectural, design and marketing consultancy with offices in Cincinnati, Los Angeles and Tampa, has completed a 14-story building for Duke Associates. Savings & Loan Data Corp., the prime tenant for whom the tower is named, has completed its move from Blue Ash into the new Third & Plum Street building, which anchors West Third Street.

SDI, the 28th largest U.S. firm of its type according to a recent industry-wide survey, provided comprehensive architectural services for the \$16 million project, including building shell design, construction documents, and space planning for S&L Data. On the fast-track schedule, only 109 days elapsed between final site selection and the start of construction.

"The S&L Data Building is the first of several Third Street Towers which will dramatically change the city's skyline profile, as viewed from the riverfront," said **James T. Fitzgerald**, **AIA**, President of SDI. "We're very pleased to have designed the first of this new generation of buildings which will overlook both the West Fourth Street historic district and the future Riverfront West development."

Owned and developed by Duke Associates' Cincinnati office, the 286,000 SF S&L Data Building contains 230,000 SF of leasable office space and a 250-car parking garage. S&L Data's corporate offices occupy the top two floors and its



computer operations housed on the first office floor above the four-level garage.

"The building addresses the desire of both the developer and primary tenant for a prominent downtown 'address', while remaining compatible with the surrounding historic structures and traditional building materials," said **C. Bradford Dixon, AIA**, project director for SDI. "The southern entrance/lobby gives the building presence on Third Street, while the Plum Street entrance/lobby serves to connect the building to the Fourth Street business district."

# AROUND OHIO

The Architectural Forum staff has joined the ranks of the Columbus office of Fanning/ Howey Associates, Inc. The staff is responsible for a 1988 AIA Design Award for the renovation of the Carlile, Patchen, Murphy & Allison law offices on East Broad Street in Columbus, the historic renovation of a manor house for Quest International Headquarters in Granville, the renovation of Campbell Hall at OSU, the phased renovation of Upper Arlington City Schools, and the current interior renovation of physicians' office suites for Mt. Carmel Medical Center in Columbus.

John-K Joseph Spencer has become a partner of Dunn & Wendel Architects; Daniel E. Bly and Martin A. Rose, AIA are new associates and Angela B. Lovejoy is now an associate interior designer.

Richard Y. Pace, AIA has been named a full partner of van Dijk, Johnson & Partners. Pace joined the firm in '79 and has managed such major projects as the Cleveland State University Music and Communications Building and the restoration of the 1890 Society for Savings Building on Cleveland's Public Square. Other new appointments for the firm include Ronald A. Reed, AIA and Vince Leskosky, AIA as associate partners and Steve Solema as an associate. Reed and Leskosky are award-winning architects and lecturers at KSU as well as being noted artists. Solema has been with the firm since 1982 and has managed such projects as the Baldwin Wallace Marting Hall Renovation and the John Carroll University's Chapel Renovation.

Charles W. Murray has joined Karlsberger Companies as EVP of the company's Planning Associates directing projects for healthcare clients in strategic planning, functional programming and master planning. Paul Cianelli has been promoted to architectural designer and Dorothy Leachman has been promoted to interior designer. Stephen Zilles has joined the firm as project coordinator, Brad Kendall and Gebran Esber as senior architectural staff and Jeff Metheney as a member of the architectural staff/CADD Department.

Leslie A. Gordon, ASID, has joined Glaser Associates as an interior designer. Peg Murphy and Tom Popoff have joined Richard Trott and Partners. Murphy holds a B.S. architecture from OSU and worked for Schooley Caldwell for the past five years. Popoff is serving as an intern until this Fall. He graduated from OSU with a B.S. architecture, cum laude.

Harold I. Classen has rejoined Glaser Associates as a project architect. He's worked for the last 3 1/2 years as Director of Design for Welling & Company in Cincinnati. His prior work for Glaser included being project architect for the U.C. Library, Multipurpose Center and Bookstore; the Hamilton Co. Justice Center and the South Western Publishing Corporate Offices.

Steven P. Smith, AIA has become the Vice President, Chief of Design for McGill, Smith, Punshon, Int'l. He previously was the company's VP of Architecture. Craig Rambo joins MSP as their Director of Architectural Services. Rambo has over 20 years of architectural experience and prior to his move to MSP was with Champlin/Haupt, Inc.

The Preview Group, Inc., a Cincinnati based architectural consulting firm that works exclusively in codes, announces the establishment of a Columbus, Ohio office at 6172 Busch Boulevard, Suite 2049, Columbus, Ohio 43229; (614) 848-9449 or in Cincinnati at 810 Plum Street, Cincinnati, Ohio 45202; (513) 621-2109. William (Bill) V. Smith and Jan A. Sokolnicki have become partners in the corporation and will be working out of the Columbus office. Smith, a member of the Ohio Board of Building Standards comes to PREVIEW from a position as Director of Government Affairs for Cardinal Industries. Sokolnicki was also with Cardinal Industries where he held a position as Manager of Codes and Standards.

H. A. Williams Associates has assigned William W. Wood, as principal in charge of its new Cincinnati Regional Office at 8800 Governor's Hill Drive, Suite 212.

#### Chapters

The Historic Resources Committee of Cleveland Chapter, AIA, is the recipient of a \$5,300 grant from the Ohio Arts Council/Ohio Humanities Council Joint Program. The grant application requested funds to prepare a Television Script/Storyboard which will explore the contributions of architects to the quality of life in the community through the eyes and experiences of Cleveland architects.

On the occasion of the 100th Anniversary of the Chapter in the fall of 1990, the anticipated one hour TV program, in two half hour parts, will provide a vehicle for community education and increased public interest in architecture.

This program will be titled "A CENTURY OF TALENTS: THE CONTRIBUTION OF ARCHITECTS TO THE QUALITY OF LIFE: ONE HUNDRED YEARS OF CLEVELAND ARCHITECTURE." The script for the programs will be developed over the next six months. The Technical Assistance Grant received earlier from the Ohio Arts Council made possible the TV direction through Tom Ball of Telos Video Communication. He will continue to work with Stanley Garfinkel, Professor of History, Kent State and **Clyde Patterson**, Project Director. In addition to Professor Gar-finkel, humanities scholars—Mr. Eric Johannesen, Dr. Thomas Campbell and Ms. Holly Rarick will act as consultants. Fund raising for the TV production will take place the first three months of 1990. Accompanying the script and storyboard as a sales tool will be a three minute sample film clip donated by Telos Video Communication.



## **Name Changes**

Buchanan Ricciuti & Associates is now Buchanan Ricciuti & Balog Architects still practicing at 1500 Metropolitan Tower in Youngstown, 44503, 216/744-4401.

Fuller Design Group is the new name for Fuller Brown Architects at 132 S. Water St., Kent 44240.

## In Memory

Wallace G. Teare, FAIA, chairperson of the Cleveland City Planning Commission since 1975 and an architect known for promoting housing for the poor and the elderly, passed away at Lakewood Hospital on March 18.

The 81-year-old Teare continued to visit the Terminal Tower boardroom of Teare, Herman & Gibans Inc. and to run planning commission meetings until late February.

In the 1930's, he helped design one of the nation's first public housing projects; Lakeview Terrace Estates on Cleveland's near West Side. Three years ago, he returned to help carry out an extensive renovation of the project.

In 1979, his firm's design for the restoration of Stouffer Tower City Plaza Hotel was given a preservation award from the Cleveland Chapter of the AIA.

A spry man who rode his bicycle in warm weather virtually nightly, Teare also enjoyed music, photography and theater.

Born in Cleveland and graduated from Lakewood High School, he received bachelor of architecture and master of arts degrees from Western Reserve University. Between those studies, he also received a diploma from the Fontainebleau School of Fine Arts in France.

Teare taught at the university's School of Architecture from 1931 to 1938 and from 1945 to 1947 and was a trustee of the university from 1948 to 1956.

In 1933, he married Dorothy G. Schaefer, who later founded the Great Lakes Shakespeare Festival and served as a member of the Lakewood Board of Education.



PRESIDENT KENNETH J. FOGLE, AIA Principal-Fogle/Stenzel Architects, Inc., Cleveland Chapter Partner in a young firm with innovative management techniques and a specialty in training facilities and housing for mentally retarded and developmentally disabled people. BOARD BRIEF



. . . . . . . . . . .

PRESIDENT-ELECT JACK L. HAWK, AIA Partner-The Wilson Architectural Group, Akron Chapter Leader in a firm that believes in educating dients and the public to examine and test preconceived ideas about architecture. Areas of expertise are nursing homes, office buildings, retail centers, historic reuse, commercial interiors and luxury residences.



SECRETARY DAVID S. COLLINS, AIA President-The Preview Group, Inc., Cincinnati Chapter Head of an architectural consulting firm providing exclusively accomplished and comprehensive coderelated services.



TREASURER E. LYNN APP, AIA President-E. Lynn App Architects, Inc., Dayton Chapter In 1983 formed his own firm. Now with a staff of 10, specializes in health care projects as well as commercial, religious, governmental, educational and residential work.



REGIONAL DIRECTOR PHILLIP T. MARKWOOD, AIA President–Phillip Markwood Associates, Inc., Columbus Chapter President and chief designer of an experienced, dientoriented general practice with a focus on churches. The firm has an honorable history of receiving eleven design awards in fifteen years of practice.



NATIONAL DIRECTOR GERALD S. HAMMOND, AIA Principal-Steed Hammond Paul Architects, Inc., Cincinnati Chapter A current Vice President of the AIA and a senior principal of Steed Hammond Paul Architects, Inc. of Cincinnati and Hamilton. The firm specializes in schools, credit unions, commercial interiors and justice facilities.



EXECUTIVE VICE PRESIDENT DAVID W. FIELD, CAE Nationally recognized for his expertise in finance, government relations and program activity during a 26 year association management career.



DIRECTOR JOHN H. CARR, AIA Principal-Lorenz & Williams Incorporated Dayton Chapter

In charge of project management and contract administration for one of Ohio's largest award-winning firms. Recipient of the ASO Gold Medal, Lorenz & Williams has received twice as many ASO honor awards as any other member firm.



DIRECTOR JOHN E. HARRIS, AIA President-Harris/Day Architects, Inc., Akron Chapter Partner in a firm offering complete services to medical, corporate, professional office and educational clients. Specialties include large strip shopping centers, research laboratories and country clubs.





DIRECTOR G. ROBERT McCULLOUGH, AIA Vice President-HWH Architects Engineers Planners, Inc., Cleveland Chapter Principal in a general practice firm with specialization highlights in industrial, office, operation centers, restoration and interiors.



DIRECTOR ROBERT A. MASTRIANA, AIA Partner-The 4M Company, Eastern Ohio Chapter Leads a successful firm specializing in historic renovation and adaptive reuse ranking design excellence as paramount. Combined with a strong sense of community this standard has contributed to the firm's success.



DIRECTOR JOSEPH E. VETTER, AIA Proprietor-Vetter Design, Toledo Chapter Started his own firm last year directing talents towards providing design services to traditional builder/contractor market to raise the level of the normal small business building quality of design.



DIRECTOR RICHARD H. MELLOTT, AIA Vice President-Wilson & Associates, Inc., Cincinnati Chapter Vice president of a 45 person A/E firm located in Cincinnati and Columbus which is primarily involved in the design of educational and institutional facilities.



DIRECTOR LARRY R. BROWNE, AIA President-The Browne Group Architects,

Columbus Chapter Head of his own firm with a focus on retail and residential projects as well as education, industrial and renovation.



DIRECTOR-SCHOOLS OF ARCHITECTURE GORDON SIMMONS

University of Cincinnati DAAP Entered academic career in 1974 after ten years as practitioner. Chairman of U.C. Department of Agriculture 1984-87; presently completing a second year as Acting Director of the School of Architecture and Interior Design.



AIAS REPRESENTATIVE CHRISTOPHER J. KERN Kent State University American Institute of Architects Students (AIAS) State Coordinator and the recipient of the ASO Medal Award for academic excellence.

# AROUND OHIO

After his recognition for the Lakeview Terrace design, Teare worked briefly as a housing planner for the U.S. Housing Authority in Washington, D.C., then as chief of planning and research for the Cleveland Metropolitan Housing Authority.

In 1945, he worked as a consultant to the governor of the Panama Canal and produced a long-range plan for housing canal zone employees.

The Greater Cleveland landscape is dotted with his architectural accomplishments. With the late architect Edward Dural Stone, he designed the Jewish Community Federation Building, the Chesterfield Apartments, six apartment buildings on Lakewood's Gold Coast and the West Shore Unitarian Church.

Teare also designed the Westerly Apartments in Lakewood, the first federally subsidized housing for the elderly in Ohio. His firm helped design similar homes in Cleveland Heights, Parma Heights, Mayfield Heights, Sandusky, Toledo and Cincinnati.

Teare sat on the Lakewood Planning Commission from 1944 to 1960 and was a member of the executive committee of the Regional Planning Commission of Cuyahoga County from 1951 to 1960 and again from 1975 until his death.

The American Institute of Architects elected him to its College of Fellows and the Architects Society of Ohio gave him a gold medal for lifelong achievements.

In addition to his wife, Mr. Teare is survived by a son, Richard W., assigned to the U.S. Embassy in Canberra, Australia; daughter, Virginia T. Katz, an associate professor at the University of Minnesota in Duluth; and five grandchildren.

A memorial service was held on March 22 at West Shore Unitarian Church, Rocky River.

# Schools

The School of Architecture and Environmental Design at **Kent State University** has received an Enhancement Grant from the Ohio Board of Regents for its Computer Aided Design and Instruction Lab. The grant, written by **James E. Dalton, AIA**, Director of the School, will allow the School to further strengthen computer research and instruction by establishing a faculty position which Skidmore, Owings and Merrill's computer researchers will assume on a rotating basis. The grant will also be used to fund graduate assistantships, support technicians, operating costs, and enhancements for computer hardware.

In 1985, the School of Architecture began to research the potential for computers in the architectural design process. This effort is an ongoing comparative study conducted by three KSU faculty members, Professors McWilliams, Graves, and Ross, of the potentials of both the "high end" - and the "low end" - personal computers driving low resolution "off-theshelf" black and white software. This study eventually focused on IBM/RT computers as the "high end" computers and Apple MacIntosh SE computers as the "low end" entry level hardware. This comparative study on the strengths and potentials of each system is intended to be used as a resource for other university architecture programs and the architecture profession. Results of this preliminary investigation have been presented through formal papers at both regional and national American Collegiate Schools of Architecture (ACSA) meetings.

In August of 1987, the School of Architecture significantly increased the strength of this computer aided design study by signing an agreement allowing the school to have access to Skidmore, Owings, and Merrill's computer aided design software. Subsequent to S.O.M.'s agreement to provide the School of Architecture with its computer aided design software, IBM contracted S.O.M. to develop IBM's architecture and engineering software to be marketed internationally.

In 1988, the School further strengthened its computer aided design program when IBM accepted KSU into its Higher Education Software Consortium (HESC), allowing the School of Architecture and Kent State University complete access to multiple copies of all of IBM's software for research and educational use.

The School of Architecture and Environmental Design at Kent State University has gained considerable momentum in its quest for excellence in architectural education over the past several years. The Enhancement Grant for its Computer Aided Design and Instruction Laboratory is viewed by the School as a major step in this quest.

# Services

**Brown Architects** is forming a separate company, Professional Services Network (PSN) offering an office environment with full administrative support services for design professionals. For more information contact **William J. Brown, AIA**, 700 Walnut St., Cincinnati, 45202, (800)-543-0374, (513)-421-5430.

Architects who don't know the credit history of a prospective client, or have reason to be concerned about an existing account, can now quickly and inexpensively find out how the client is paying his other accounts. The national **Architects Account Collection** program, administered by the Louisiana AIA, now has a service contract with direct computer linkage to Dunn & Bradstreet and other nationwide credit research services. If interested, call AAC at (800) 521-4517 or write to 521 America St., Baton Rouge, LA 70802.

# Kudos

KZF won a top Honor Award in the U.S. Air Force's 1988 Design Awards program for the design of the Logistical Systems Operations Center (LSOC) currently under construction at Wright-Patterson AFB near Dayton. Chosen from among 120 preselected entries world-wide, the project exhibits a high design image while facing demanding physical and electronic security requirements and stringent budget constraints. Jurors for the award were James L. Nagle, FAIA; Dwight E. Holmes, FAIA; William R. Lawson, AIA; Harry P. Rietman, PE; and William J. Carroll, PE.

**Glaser Associates** popular project, the Bicentennial Commons at Sawyer Point, received the 1988 Grand Award at the 25th anniversary Greater Cincinnati Beautiful Awards Luncheon in April.

# **Publications/Tools**

Available now is "Current Architectural Practice," an analysis that establishes the skills and competencies necessary for entry-level practice. Based on a statewide survey of architects in California, the publication presents a variety of statistics ranking skills in terms of necessity, value and use. To receive the publication contact the California Board of Architectural Examiners (CBAE) at P.O. Box 944258, 1021 O St., Sacramento, CA 94244-2580, (916) 445-3393.

Ownership Transition: Guidelines and Checklists provides a guide to the management, marketing, legal and accounting considerations essential for a successful change of ownership. Most architectural firms do not survive the founding practitioners. Drawing on the literature directed at the architectural practice as well of other professions, Ownership Transition suggest what to think about in planning for the long term future of the firm. Copies available at \$5.00 (plus \$.50 postage.) Order from The AIA/Houston Chapter, 20 Greenway Plaza, Suite 246, Houston, Texas 77046, 713/622-2081.

"Small Firm Marketing" is an audiocassette now available from the AIA; one of scores of professional tools available through the AIA's "Member Benefits Catalog." For a free copy of the catalog, call 617/267-5175.

# **Address Changes**

**CA Incorporated** reports transforming a century-old homestead into their new-century corporate home at 5727 Airport Highway, Toledo, 43615, (419) 866-0493.

Lorenz & Williams has expanded their Columbus office to a new downtown location: 35 N. Fourth St., Ste. 300, Columbus, 43215. The phone remains the same at (614) 221-5843.

# AROUND OHIO

**Steed Hammond Paul** can be found at a new and expanded location in Hamilton: 82 Williams Avenue, 45015, 513/863-5441. Cincinnati operations remain the same at: 205 W. Fourth St., Suite 1140, 45202, 513/381-2112.

## Announcements

The Architects' Annual Golf Classic benefiting the Kent State School of Architecture and Environmental Design will be at Tanglewood Country Club,

Bainbridge, on Monday, August 28. Cost is \$100 per entry to include all day privileges, valet service, use of the swimming pool, lunch, 18 holes of golf with cart, refreshments on the course, cocktails and dinner, prizes and favors and good company.

The Masonry Society (TMS) in conjunction with the Construction Research Center (CRC) at the University of Texas at Arlington is presenting an "International Seminar on Evaluating, Strengthening and Retrofitting Masonry Buildings." The one-day seminar is scheduled for four (4) presentations: Washington D.C., (Oct. 11); Boston, (Oct.13; Chicago, (Oct. 16); and L.A. (Oct. 18.) The program is supported by the National Science Foundation. Registration is \$50. Contact: Construction Research Center, U of T Arlington, P.O. Box 19347, Arlington, TX 76019-0347, (817) 273-3701.

# **Brick Ideas**

# Darlington Brick & Clay Products Company

Manufacturer of Architectural and Residential Face Brick

Billy L. Hefner Manor Oak #1, 1910 Cochran Rd. Pittsburgh, PA 15220 (412) 343-9993 William Pilati P.O. Box 346 Darlington, PA 16115 (412) 827–2121





# ACOUSTICAL CONSULTANT

#### FIELD TESTING

- Noise Insulation, STC (ASTM E 336 & E 966) IIC (ASTM E 1007 & ISO 140)
- Community Noise Monitoring, FAA Pt 150 24 Hour DNL (HUD 24 CFR 51)
- Occupational Noise (OSHA)
- Vibrations

#### COMPUTERIZED DESIGN

- Wall Insulation, Barriers
- Airport Noise Contours (FAA Pt 150, INM)

#### STUDY & DESIGN

- Auditoriums & Theatres
- Condominiums & Apartments
- Environmental Noise
- Materials Evaluation
- Music Halls
- Open Plan Offices
- Seismic Analysis
- Studio Design
- Transportation Noise



Angelo Campanella, Ph.D., P.E. 3201 Ridgewood Drive Columbus, Ohio 43220 (614) 876-5108, FAX (614) 771-8740



RESTORATION AND PROTECTIVE COATINGS & SYSTEMS SILICAFUME ADMIXTURES **NEW & RESTORATION TOPPINGS FROM 1/8" INCH** CONCRETE RESTORATION EXTERIOR INSULATING SYSTEMS TRAFFIC TOPPINGS FROM 1/8" INCH PLASTER PRODUCTS **ELASTOMERIC COATINGS & SEALERS** TEXTURED COATINGS AND STAINS WALL SYSTEMS & PANELS WATERPROOFING MEMBRANES SELF LEVELING UNDERLAYMENT TANK LINING SYSTEMS

> Columbus, Ohio 614-231-0850 S. Ohio & W. Va. 614-867-5050 Cleveland 216-475-4543



P.O. BOX 475, **GROVE CITY, OH 43123** 

Call Us

Columbus, OH 614-875-8601

Cincinnati, OH 513-874-7611

Indianapolis, IN 317-353-2118

Louisville, KY 502-425-9559

# **SERVICE!**

...THE MOST IMPORTANT OFFERING IN THE CONTRACT/COMMERCIAL MARKET.

We're SINGER WALLCOVERINGS .... now in our 44th year of service to architects, designers, office managers, contractors and institutions. We feature quality 54" and 27" fabric-backed vinyl wallcoverings . . . suede effects, textiles (strings, warps and weaves), fabrics, acoustical products, natural textures, linens, partition fabrics, grasscloths and sisal.

We distribute BFGoodrich Wallcoverings . now featuring BFG "Early Warning Effect" (a warning that could actually save a life) . . . and other quality wallcoverings, including T.W.I.L. textiles and grasscloths, Rookwood acoustical and partition fabrics, BFG Textiles, Harmony, Allegro and Spartaweave Wallcoverings.

(513) 398-1611 (Cincinnati) (614) 876-2064 (Columbus) (216) 946-8868 (Cleveland) 1-800-582-1760 (Ohio Wats) 1-800-543-1412 (National Wats)







# Smart choice for Mead Data Central

This four-building headquarters and computer center at I-75 and I-675 south of Dayton, features 189,145 square feet of architectural precast concrete cladding.

Mead Corporation and the architects, Lecklider-Jay Architects Inc., both of Dayton, chose fractured fin textured panels with smooth areas surrounding the windows. On the stepped-back terrace areas, smooth panels were given a medium sandblast finish. All were made with gray cement, local limestone aggregate and natural sand. The first building was started





in 1979. The main building was completed in 1986. The 1605 precast panels were produced by Concrete Technology. For information on our company, precast and prestressed products and projects, contact Charles Hilgeman, Vice President & General Sales Manager.



Precast today... for a lifetime of tomorrows.







17 South High Street, Suite 1200 Columbus, Ohio 43215

> Susan Hecht AIA - Component Affairs 1735 New York Ave., NW Washington, DC 20006

21548