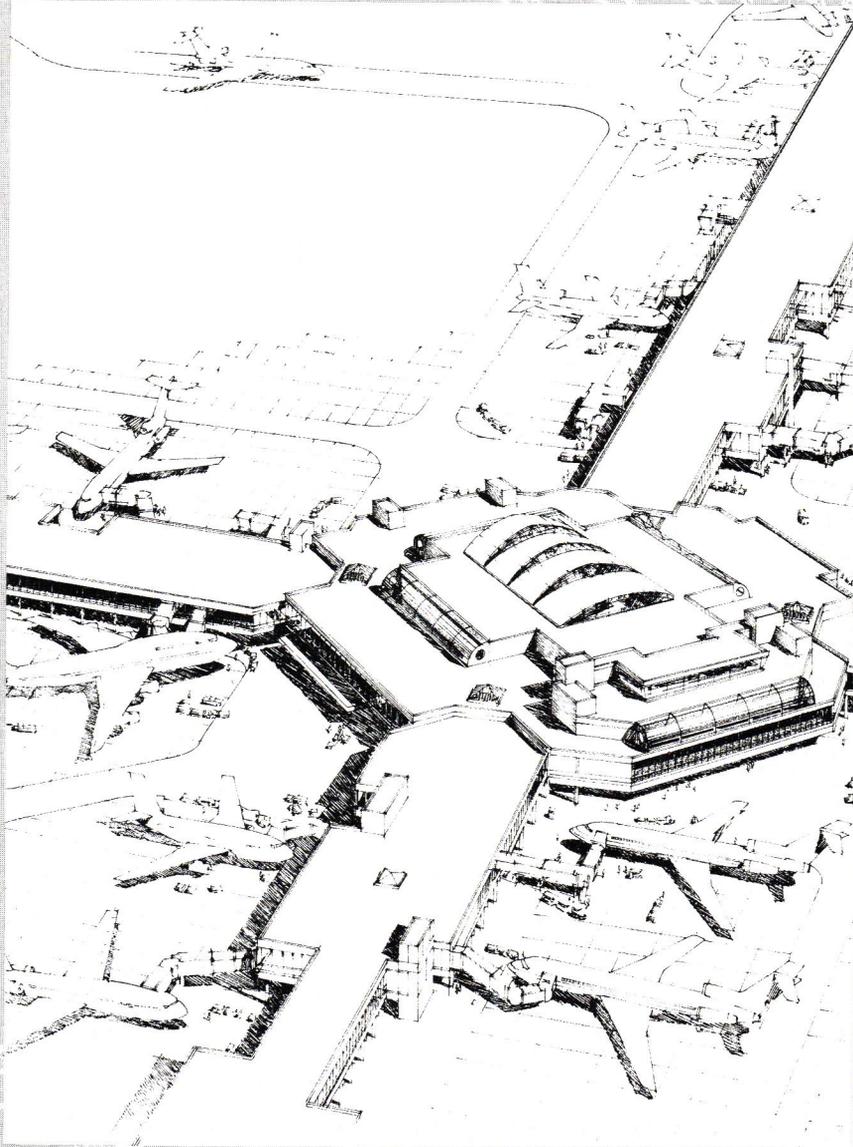


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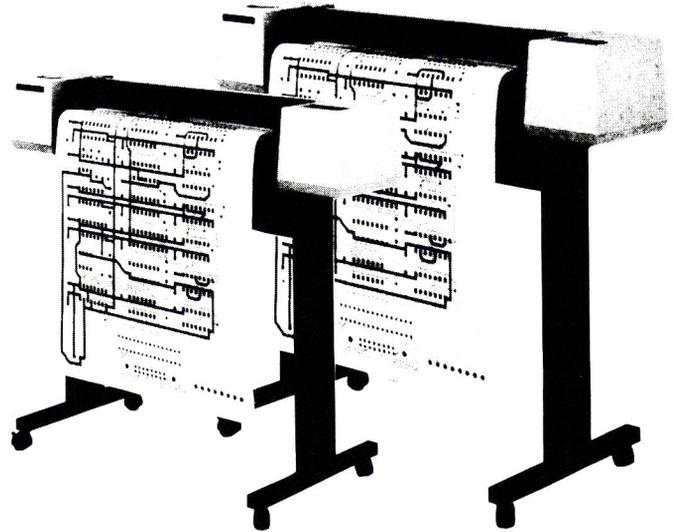
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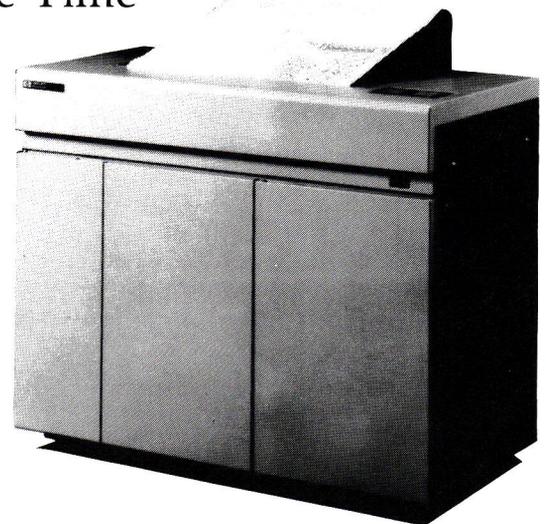
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ON THE COVER

A rendering of the new Airside Terminal Building at the Greater Pittsburgh International Airport, designed by Tasso Katselas & Associates. The first phase of this \$550 million project, the horizontal construction, is underway. [See story, p. 6.] **COLUMNS** will continue to cover the airport story as the buildings go up. Stay tuned!

THE PITTSBURGH CHAPTER AIA serves 12 Western Pennsylvania counties as the local component of the American Institute of Architects and the Pennsylvania Society of Architects. Membership is open to all registered architects, architectural interns, and a limited number of professionals in supporting fields. Chapter Headquarters: Suite 1207, Bank Tower, 307 4th Ave., Pittsburgh, Pa. 15222. 412-471-9548.

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COLUMNS is published ten times a year by the Pittsburgh Chapter of the American Institute of Architects in association with the Cantor Group.

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COLUMNS is mailed free of charge each month to 1900 architects, engineers, interior designers, landscape architects, facility managers, specialty and general contractors, and press editors in 12 western Pennsylvania counties. For inquiries on advertising or literature insertion, please call Connie Cantor, 661-3734.

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VIEW POINT

KENT EDWARDS, AIA, CHAPTER PRESIDENT

Every fall, a dozen or so of your colleagues get together in a long range planning session to plot a direction for the coming year. The focus is to identify the needs of our membership and plan to serve them accordingly. As incoming Chapter President, I hope to apply my energies to several areas of particular importance to our members and profession.

First, the **Intern Development Program** which began last October will continue to offer crucial training and support to architectural interns. This year's seminar topics include bidding and construction administration; project, financial and office management; marketing; and career development. In the near future, registered members should look for guidelines outlining how, with minimal commitment, they can assist the Chapter in bringing the benefits of IDP to themselves and their interns. The entire profession stands to benefit from more knowledgeable graduate architects.

Another area in which the Chapter can improve its services is in expediting the integration of women into the profession. A **Women in Architecture** committee has been organized under the leadership of **Karen Madigan, AIA**. Its purpose is to render itself obsolete. The committee will have succeeded when the word "woman" no longer precedes the word "architect." I strongly support their efforts and intend to commit the maximum available Chapter resources to assist them.

Finally, I hope to initiate an era of continued **political awareness** on the part of local professions. The impact of troublesome state and federal legislation on our ability to efficiently practice our craft has increased significantly. I believe we must take a pro-active stance or risk the disappearance of architectural practice as we know it. We must lobby for government agencies to set the example and increase fees to professional design firms to accurately reflect their effort and risk. We cannot survive if we continue to provide ever-increasing services at ever-increasing levels of risk for the same percentage of constructed value that real estate agents command with virtually no risk factor. We cannot depend upon a "kinder and gentler government" to provide us with fair and reasonable legislation. We must fight for it. But the AIA can only organize and direct the effort. Politicians respond only to votes in numbers, which will require broad participation from the membership and related organizations. I urge you to become involved. Failure to do so will guarantee failure in general.

That's the agenda. With your help we can complete it.

THE ALL-ELECTRIC BUILDING. IT'S STILL CHEAPER.



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50,000	69,950	75,384	74,192	75,409
75,000	98,199	104,059	102,258	104,000
98,000	126,946	130,407	128,087	130,225

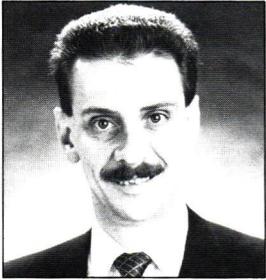
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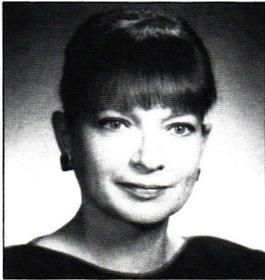
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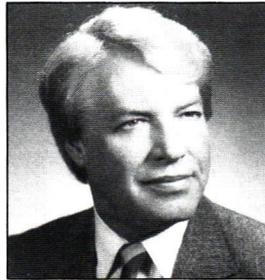
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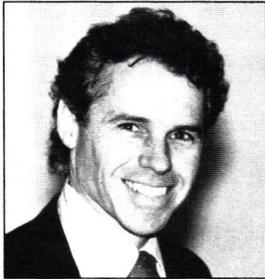
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2nd Vice President:
James B. Johnson, AIA



Secretary:
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Stephen Quick, AIA



New Board Member:
Robert Pfaffman, AIA

Once again the new year heralds the **Pittsburgh Chapter AIA Annual Meeting** where members gather to install new officers and discuss plans for the coming year. This year's meeting is scheduled for Monday, January 9 in CMU's Faculty Dining Room.

Following the Business Meeting at 5:30 PM, **WQED-TV** will co-host a private showing of **PYRAMID**, the PBS documentary on the planning, construction, and cultural significance of The Great Pyramid of Giza, considered one of the seven wonders of the ancient world. A delectable buffet of **Egyptian hors d'oeuvres** will be served with cocktails (compliments of WQED-TV) prior to the 7:30 PM screening. As always, AIA members are encouraged to bring spouses and guests to this very special event. Look for complete details and reservation form on page 19.

At left: new officers will be installed at the Annual Meeting on January 9. Also shown, Rob Pfaffman, AIA, recent Board appointee.

January is Membership Month for the American Institute of Architects. If you are an architect, architectural intern, or a building industry professional, this is the year to start enjoying the benefits and privileges of National, State and Local Chapter Membership. For an application, please contact the Pittsburgh Chapter AIA at 471-9548.

Membership Categories:

Regular Membership:
Registered Architects

Associate Membership:
Non-registered Architects seeking registration

Professional Affiliates:
Professionals in related fields (local membership only)

AIA Membership Benefits:

National:

Monthly subscription to award-winning magazine, *Architecture*, and the biweekly newsletter, *Memo*

- Networking opportunities through AIA Open Committees, Sister Firm/Peer Review programs and the AIA Annual Convention
- Special discounts from the AIA Bookstore, Washington D.C.
- Discounts on workshops, publications, audio cassette programs, and correspondence courses
- AIA Executive Card Privileges for discounts on hotels, resorts, car rentals, vacation tours, supplies, equipment and financial and delivery services
- AIA hotline—a direct link to institute resources including a 22,000 volume library and archives.

State:

Subscription to Pa. Society of Architects quarterly magazine, *Pennsylvania Architect*, and PSA quarterly newsletter

- Annual state convention and education seminars
- Lobbying and representation on state legislative issues
- Opportunity to represent the profession on various boards, agencies and commissions
- Advance notice of state-wide DGS projects prior to announcements in the Pa. Bulletin
- Discounts on health and professional liability insurance.

Pittsburgh Chapter:

Five *pre-paid* dinner meetings with prominent guest speakers

- Monthly professional development lunch seminars
- Local code and legislation lobbying
- Free listing in Southwestern Pennsylvania Directory of Architectural Firms
- AIA documents at reduced member rates
- Networking with local architectural community
- Committee involvement
- Public speakers bureau
- Intern training.

Pittsburgh Chapter members also help support and receive the monthly Chapter magazine, *COLUMNS*.

THE MIDFIELD TERMINAL: DESIGNING FOR CHANGE

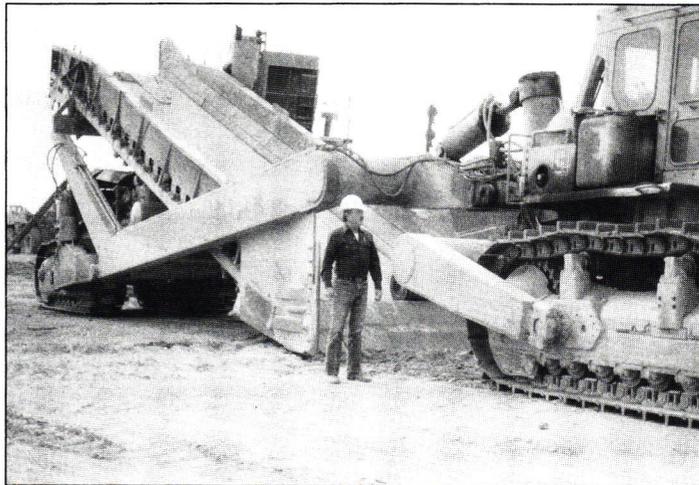
Yellow-gray dust swirls everywhere as the truck climbs the rise. In the distance huge earth-swallowers grind away at the hills, reducing them to scraped plains amid a confusion of sounds. No, the earth-swallowers are not sand worms and the site is not a scene from Frank Herbert's *Dune*. It is the first phase of construction for the **Midfield Terminal at Greater Pittsburgh International Airport**. Due for completion in 1992, the \$550 million project is in the horizontal phase of construction. Site preparation and grading contractors will move 18 million cubic yards of earth and stone over the 880 acre site, leveling hills and filling valleys.

James Moorcroft, P.E., project manager for Michael Baker Jr., supervises and coordinates the design for the horizontal construction as well as the electrical and mechanical systems. The horizontal phase alone: site preparation, grading, underground utilities, roads and runway paving approaches \$200 million or 36% of the total project.

Flexibility is built into the design of the

sitework as well as into the buildings. Every facility—parking, fuel farm, buildings, roadways, mechanical and electrical systems—includes expansion space. According to Moorcroft, "We're designing so we can expand to some finite degree by the year 2020. We have a planning horizon, a target facility size, and we have planned each component of the project so that it can expand every five to ten years to accommodate growth with minimal disruption."

"The project is enormous," Moorcroft continues. "We're building so much underground, it's like a city. We've designed fire



The Midfield Terminal is the first project east of the Mississippi to use the Holland Loader (above) which can chew into as much as 24 inches of soil and load 260 tons in two minutes. That's the equivalent of loading 65 full grown elephants in the time it takes to make your breakfast toast!

protection, deep drainage, hydrant fueling, sanitary sewer, domestic water, surface drainage, natural gas lines, electrical cabling to service the power plant and lighting for the whole airport. It's akin to a campus design, spread out over large distances and servicing large groups of people at peak times."

Meanwhile, back at the project site, all you see is dust. The deep drainage system is complete. Three streams that originally ran through the site now flow through 4 to 8 foot concrete pipes to a newly constructed 10-acre storm water management dam. Sitework grading continues. Each day at about 5:30 PM, 40 to 300 blasting caps are detonated to shatter the limestone into a ridge of fist sized chunks. Contractors use two enormous Holland Loaders to raze the loosened hills. Mechanics work around the clock to keep these huge machines running and their engines free of dust. They call it *Disneyland*.

"Designing a project this size takes a tremendous amount of personal and professional dedication by a huge staff," explains Moorcroft. "Putting the pieces all together is a massive undertaking. My role as project manager is to facilitate coordination. I spend the majority of my time in meetings. It's difficult but exciting. For a civil engineer, this is the best job in the city of Pittsburgh."

Moorcroft believes that the site has advantages in spite of its size. "We have an envelope that's open to us. That makes it easier,

Continued on page 18



Franklin Interiors Creative Office Environments



10th & Bingham St. Pittsburgh, PA 15203 381-2233

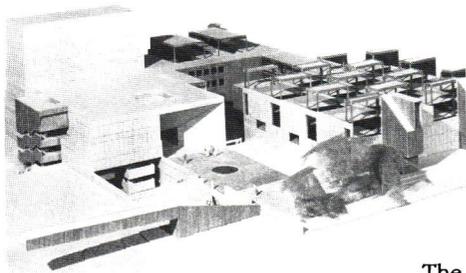
EAST CAMPUS OF CMU GETS NEW FACE

In 1904, an architectural competition determined the original shape and design of the Carnegie Mellon University campus. In 1986, this tradition continued with the design of the East Campus Project, under construction along the Forbes Avenue/Margaret Morrison axis. The original campus facing Schenley Park was designed by Henry Hornbostel in the then popular Beaux Arts style. Honoring this style and building on Hornbostel's vision, architects at **Dennis and Clark** of Boston have designed a new face for the other side of the growing campus.

The University's intent at the beginning of the competition was to increase and improve facilities for student activities and recreation. Dennis and Clark designed a large student center including gymnasium, pool, student activities offices and dining facilities.

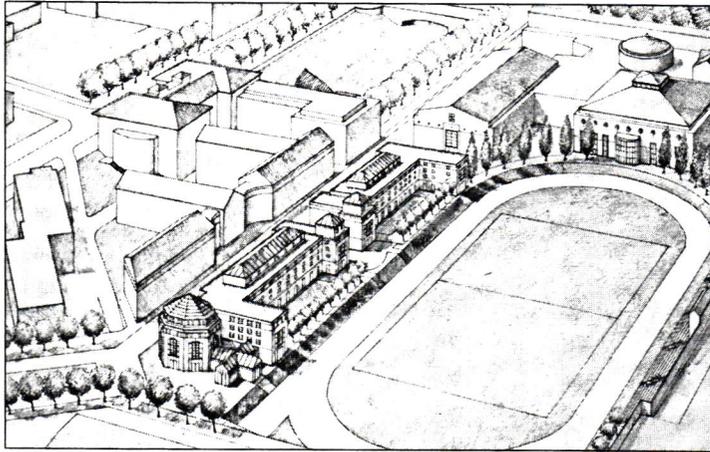
The first stage in the building project, now underway, is a dormitory-dining facility and a 630 space parking garage. The completion of this stage will allow for the demolition of the current dining facility, Skibo Hall, and the construction of the new student center. The dormitory will help ease the housing shortage for students; the parking garage provides a solution for long standing neighborhood complaints of a severe parking shortage.

AND WHAT MIGHT HAVE BEEN. . .



The model pictured above is a proposed **Fine Arts Center** for Carnegie Mellon University designed in 1969 by Paul Schweikher, former head of CMU's Architecture Department. It is one of a collection of models and drawings recently donated by Schweikher to CMU's Architecture Archives. The complex, designed for the still vacant site on Forbes Avenue across from the

Continued on page 18



Above, the East Campus plan. The project's goal, says Paul Tellers, AIA, University Architect, is to improve the appearance of the campus from the Forbes Avenue entrance, to update and improve amenities and athletic fields, and to make the campus more urban and more efficient in the use of outdoor space.

When completed, the current phase of construction will include a new athletic field behind the garage and restoration of the intramural fields, now paved over to provide temporary parking. CMU met with members of the

Morrison, joining the Drama and Music Departments currently housed there. Eventually, all fine arts classes, offices and studios will be located in either the Fine Arts building or in Margaret Morrison.

neighborhood to discuss final designs for the street facade.

On the far side of the new athletic field, another project is underway. **Damianos & Associates** has designed a large addition to Margaret Morrison which will expand and consolidate the College of Fine Arts. Design and Architecture departments will move into new shop and studio spaces in Margaret

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BREAKING GROUND

Kudos

The Pittsburgh firm of **Hayes Large Suckling Fruth & Wedge** has received the top award in the 1988 awards competition sponsored by the Middle Pennsylvania Chapter of the AIA. The firm was honored for its design of the Williamsport Area Community College Advanced Technology and Health Sciences building, a 153,000 SF, \$12.5 million technical training facility in Williamsport, Pa.

The Building Owners and Managers Association (BOMA) has named **CNG Tower** the *Office Building of the Year* in the eighteenth annual David L. Lawrence Building of the Year Competition.

The development team for the Tower includes **Kohn Pederson Fox Associates, Inc.** (architects); **Mellon-Stuart Company** (general contractor); and **Lincoln Property Company** (developer and leasing).

Chip Desmone, AIA, Charles L. Desmone & Associates, won a ticket to the CON-DOC Workshop raffled at the AIA October

Awards Dinner. Desmone recommends the seminar as "very professional and informative." He reports his firm is already trying the CON-DOC system on one of their new projects.

FROM THE FIRMS

Williams Trebilcock Whitehead has been selected to coordinate and design a complete restoration of the exterior of *The Carnegie* in Pittsburgh's Oakland area.

"The Carnegie presents a special challenge," said **Paul A. Whitehead, AIA**, a principal of WTW. "We want the institution to regain its rightful place as the focal point of the Oakland cultural district while creating an element of excitement and vitality, a magnet drawing people to the area."

Through an extensive chemical washing, the 93 year old exterior will be returned to its original grey-beige color. In addition, mortar joints will be repointed and deteriorated stone will be reconsolidated, repaired or replaced as appropriate.

Burt Hill Kosar Rittelmann Associates is designing renovations for the Radisson Hotel, formerly the Marriott, located near Monroeville Mall. The first stage of the project, renovation of the main lounge, is complete. Further additions and renovations to lobbies, guest rooms, the restaurant and pool will be completed in the spring of 1989.

Johnson Schmidt & Associates has received the contract for a new district office building for Penn DOT to be located off Route 50 in Collier Township. Other current JSA projects include a two-story addition to Bell Sav-

ings and Loan Association of Bellevue, two new Filene's department stores in Massachusetts, and the design of the May Merchandising Headquarters in New York City.

Lorenzi Dodds & Gunnhill Inc. is designing a new "Family House" in Oakland to serve adult patients and their families who travel to Pittsburgh for treatment of serious illnesses. The new home will contain 39 private bedrooms, incorporating communal living and kitchen facilities. JEFFCO Construction Company was awarded the contract.

TRANSITIONS

After 28 years at 100 Ross Street, **Franklin Interiors** has moved its headquarters to a new location at the corner of 10th and Bingham Streets on the Southside. The new office designed by **William Kerr, AIA**, and **Paula Maynes of The Design Alliance** occupies 12,000 SF on the ground floor of the building adjacent to Franklin Interiors existing warehouse.

Nancy Wintner, formerly of Bohlin Powell Larkin Cywinski, has accepted a new position as Proposal and Public Relations Coordinator for **Burt Hill Kosar Rittelmann Associates**. At BHKR's Butler office, **Cheryl McClain** is newly installed as Manager of Marketing and Business Development.

BUSINESS BRIEFS

The Pittsburgh Furniture Corporation announces the opening of their **KnollSource Office Center** on the Mezzanine level of the CNG Tower. The locally owned and operated firm is the exclusive distributor for Knoll Inter-



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BREAKING GROUND

national in Western Pennsylvania. In addition, PFC operates as a full service office furniture dealership and distributes a comprehensive line of furniture, textiles, lighting, and accessories.

Van Ollefen Associates reports that Pittsburgh National Bank has purchased ISICAD's PRISMA system for Facility Management.

CALL FOR ENTRIES

The AIA seeks submissions for the **Louis Sullivan Award for Architecture**. Entry Postmark Date: January 9, 1989. Submission Postmark Date: February 20, 1989. Jury meets March 9, 1989. For details, call 202-626-7300.

The Community Design Center of Pittsburgh seeks architects who wish to be considered for community development projects initiated by Pittsburgh-based organizations and funded by the CDCP.

Recently the Design Center completed a series of brochures to help communities encourage renovation of commercial facades through the Urban Redevelopment Authority's Streetface program. Each brochure displays before-and-after drawings of proposed storefront alterations along with information about design assistance and available funding. The brochures focus on business districts—East Liberty, The Hill, East Ohio Street, Allentown, and Lawrenceville—where community based organizations are helping building owners develop funding sources for facade restorations.

Applicants for future CDCP projects must submit qualifications (or update qualifications currently on file) by January 15, 1989. Submit to: Lynn Manion, CDCP, 420 Landmarks Building, One Station Square, Pittsburgh, Pa. 15219; 391-4144.

The Pennsylvania Society of Architects is requesting applications from members for the following projects of the **Department of General Services** :

PROJECT NO. DGS 103-5—Espyville Livery, Boating Facility Rehabilitation, Pymatuning State Park, Crawford County, Pa. Construction cost: \$400,000.

PROJECT NO. DGS 169-1—Park Development, Petroleum Center Activity Building and Site Improvements, Oil Creek State Park, Venango County, Pa. Construction Cost: \$260,000.

PROJECT NO. DGS 191-39—Sanitary Improvements—Comfort Stations, Cook Forest State Park, Clarion County, Pa. Construction Cost: \$300,000.

PROJECT NO. DGS 195-37—Rehabilitation of the Marine Deck Facilities, Prince Gallitzin State Park, Cambria County, Pa. Construction Cost: \$1,000,000.

For instructions on filing applications contact Lela Shultz, PSA, Box 11847, Harrisburg, Pa. 17108 or call 717-236-4055.

HERE AND THERE

The Boston Society of Architects is organizing their second annual two-week **Tour of Russia** (Moscow, Tbilisi, Leningrad and Helsinki) for American architects, designers and other professionals. The trip, scheduled for April 2-15, 1989, is designed to promote further exploration of the architectural heritage of ancient Russia through exchange of ideas, discussion of issues and visits to many architectural sites.

The Soviet architectural community is in-

terested in international trends and American architectural styles. Last year's tour participants spent a good deal of time discussing urban planning, housing, historic preservation, environmental protection and construction challenges with their Soviet counterparts. They also enjoyed open exchange with Soviet colleagues, special private tours of Constructivist architecture in Moscow and evenings at the Bolshoi Ballet and Kirov performances.

The tour's all-inclusive cost is \$2,879 per person (deposit of \$300.00 due immediately) and is limited to 30 persons. Spouses and children over 14 are welcome. For more information call Kenny Lupton at 800-432-8687 or Lisa Saunier at 617-666-0605 or write to the Boston Society of Architects, 305 Newbury Street, Boston, MA 02115.

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**CHAPTER AWARDS
A CELEBRATION**

At a festive gathering on Tuesday, Oct. 11, the 1988 Design Awards Banquet at the Mon Valley Institute (Bohlin Powell Larkin Cywinski) presented the winners of the 1988 Design Awards. The winning projects designed by local member firms included the Benedum Center for the Performing Arts, the Royal Oil and Gas Corporate Headquarters, and the Group Corporate Headquarters Interiors. Mon Valley activist George DeBolt received the award in recognition of his "leadership and life in the Monongahela Valley."

HIGHLIGHTS:

[Counter clockwise from top left]

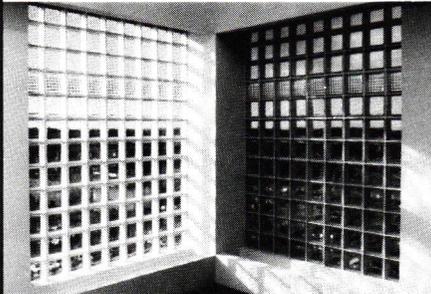
1. Lee Ligo, AIA, and son Brett, a graduate architect, enjoy the pre-banquet festivities.
2. Chapter President, Park Rankin, AIA, presents the *Honor Award for Non-Member* to George DeBolt, head of the Homestead CDC.
3. Paul Whitehead, AIA, of WTW, chats with Charles Franklin, Franklin Interiors.
4. Rob Pfaffmann, AIA, of Bohlin Powell Larkin Cywinski shares the limelight with Ralph Burt, AIA, and David Henderson, AIA, of Burt Hill Kosar Rittelmann Associates.
5. Ivan Santa-Cruz, AIA, Gzesh Santa-Cruz Schointuch, and Brian Rohleder, AIA, of Mosites sample the hors d'oeuvres before dinner.

MANY THANKS TO:

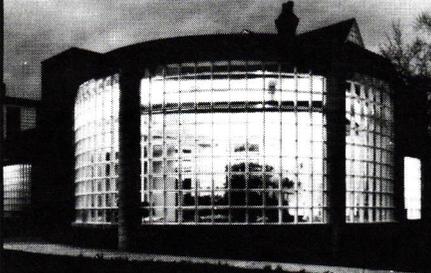
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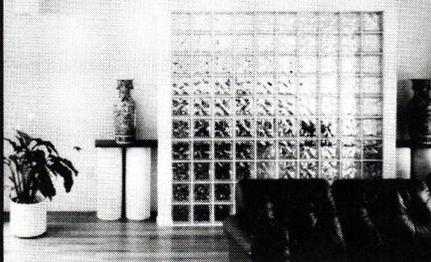
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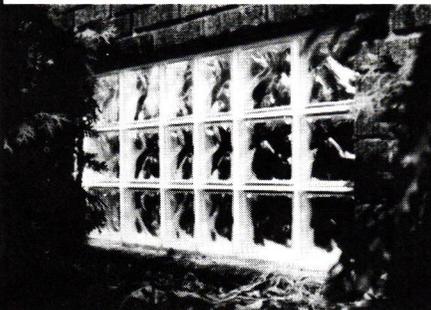
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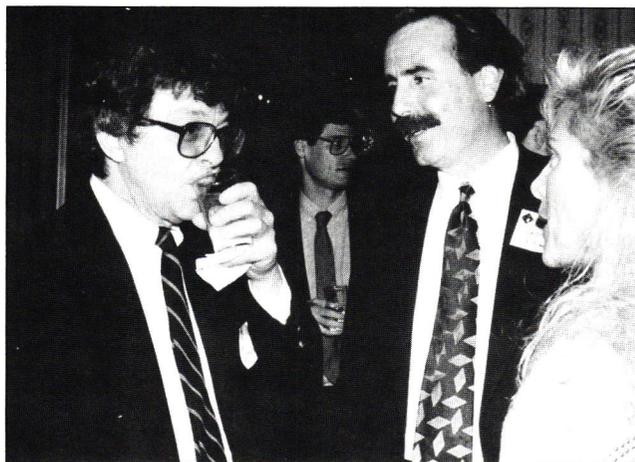
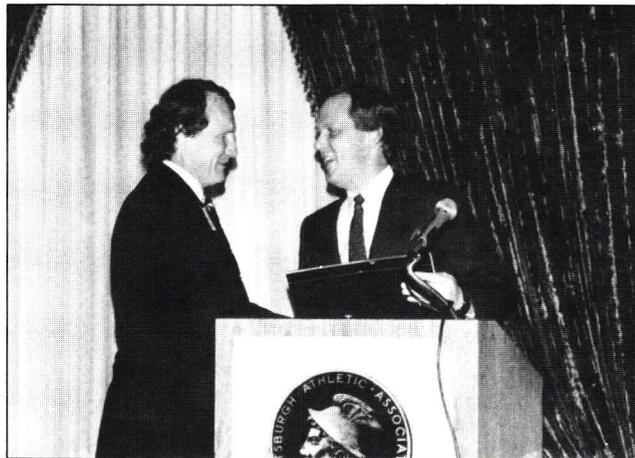
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OS BANQUET

EXCELLENCE

18, the Pittsburgh Chapter AIA hosted the Pittsburgh Athletic Association. Award-firms include: the Software Engineer- and Burt Hill Kosar Rittelmann); The MacLachlan, Cornelius & Filoni, Inc.); (Bohlin Powell...); and the Hawthorne Williams Trebilcock Whitehead). and the Honor Award for Non-Members contribution toward improving the quality of



THE EVENING

- 6. Also in the winners circle for the Benedum Center restoration were David Lowry, AIA, Al Filoni, AIA, and Clare Cornelius, AIA, of MacLachlan, Cornelius & Filoni, Inc.
- 7. Chuck Cwener, AIA, accepts design award for the Royal Oil and Gas Corporation project by Bohlin Powell Larkin Cywinski.
- 8. Incoming Chapter President, Kent Edwards, AIA, congratulates Jon Jackson, AIA, also of Bohlin Powell Larkin Cywinski.
- 9. George DeBolt compares awards with Henry Posner III of the Hawthorne Group, clients of WTW.



[Photos by Kathy Ayres]

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BRICKS & MORTAR: COMMITTEE NEWS

PROGRAM

Chair: Bill Thomas, Associate,
Williams Trebilcock Whitehead, 321-0550.

Bill Thomas and the Program Committee extend special thanks to **Al Filoni, AIA**. His tour of the Benedum Center was a hit, with more than sixty attending. Highlight of the evening was a backstage tour of the hidden parts of a theater—the wings, orchestra pit, and scenery fly system. The committee plans more on-site meetings for 1989. **To register for this month's meeting, please see the fold-out form, page 19.**

LEGISLATIVE

Chair: Bernard Liff, FAIA, 361-4742.

Good news for the handicapped! Bob Lynch, AIA, reports that the **Pennsylvania State Senate Bill 730/Handicapped Accessibility** was unanimously approved by the House Appropriations Committee on November 14. After a concurring vote in the Senate, Governor Casey signed the bill on December 2nd.

Committee Chair Bernie Liff recruited 15 members for the **BOCA Professional Chapter of Pittsburgh**. Final organization of this group is underway and registered architects may join for a yearly membership fee of \$75.

Recent mandates by the **Pittsburgh Board of Standards and Appeals** requiring advertisement of code variances are problematic: citizens are becoming alarmed by posted variance notices, projects have been delayed pending approval of the variances, and court costs are extensive due to the complexities of the codes. The committee recommends that protest letters be lodged by BOMA members and/or architects who are involved.

The committee sees a need for the **Pittsburgh Board of Code Review** to interpret two matters of concern: 1) multiple housing developments are being converted to condominiums without upgrades in fire separation and 2) the expansion of the daycare industry may pose serious public safety problems for children.

Several letters have been received questioning the use of "Architect" in the masthead and articles of a new magazine, *Builder/Architect of Western Pennsylvania*, as no

architect plays a role in its production. The committee will examine this issue at its next meeting.

The PA Department of Higher Education at East Stroudsburg State College tried to bypass the DGS architectural selection process by using revised plans for another university's dormitory. The DGS overruled this attempt.

Correction: The City of Pittsburgh Board of Code Review, **not** the Board of Standards and Appeals, will now include two members from the building trades.

EDUCATION/PROFESSIONAL DEVELOPMENT

Chair: David A. Brenenberg, AIA,
Brenenberg Brown Group, 683-0202.

January brings **new chair, Dave Brenenberg, AIA**, to the committee and the members thank the previous chair, **Ana Guzman, AIA**, for her work during the past years.

The committee is planning the spring series of **ARE Refresher Courses** for interns or associates who will take the exam in 1989. The nine week seminar series begins in March; look for details next month.

The committee welcomes your **ideas and criticism of the Lunch Seminars**. They invite suggestions regarding topics, times and locations and ask that you call Dave or speak to a friend on the committee: Ana Guzman, Deepak Wadhvani, Ed Shriver or Chuck Delisio. Ideas may also be relayed to the committee via the Chapter Office, 471-9548.

COMMUNICATIONS

Chair: Douglas L. Shuck, AIA,
Williams Trebilcock Whitehead, 321-0550.

The **Public Awareness Committee** has been renamed and reorganized. Its accomplishments under the leadership of **Ivan Santa-Cruz, AIA**, are evidenced by the popularity of COLUMNS, a successful medium for informing the public about architecture. The new committee, **Communications**, chaired by **Doug Shuck, AIA**, will supervise the publication of COLUMNS and perform other communication functions for the chapter. Doug welcomes your ideas and your participation.

WOMEN IN ARCHITECTURE

Chair: Karen Madigan, AIA,
Poli & Madigan, 471-8008.

Women in Architecture joined the Pittsburgh Chapter committees in October, 1988. Meeting the first Tuesday of each month, WIA plans two professional events for 1989 and is negotiating with AIA National to bring the traveling exhibit, **That Exceptional One**, to Pittsburgh in 1990. **Karen Madigan, AIA**, is the organizing force for the committee, and she looks forward to the year's activities.

URBAN DESIGN

Chair: Susan Warner, AIA, 247-7558.

The committee continues its educational outreach to the **Steel Valley High School** through the work of **Marsha Berger, AIA**, and **Stefanie Ledewitz, AIA**. In November, Ledewitz led a seminar on community design. She introduced students to housing issues and demonstrated the structure of a neighborhood using Homestead as an example. In the afternoon Berger led an architectural tour of downtown Pittsburgh. These activities were conducted to sensitize students to the physical environment. In December the class used this knowledge to plan a twelve-week summer project which they will execute in Homestead.

AIA/CMU LIAISON

Chair: Steve Quick, AIA,
Quick Ledewitz Architects, 687-7070.

The committee extends a special thanks to presenters at the Fall Student Chapter Seminar Series. Chapter President, **Kent Edwards, AIA**, spoke to a large and interested audience on the Intern Development Program. **Kevin Hayes, AIA**, of Design Alliance discussed the Pittsburgh Habitat for Humanity, encouraging students to become involved in designing, building and renovating housing for low income families. **Grant Scott, AIA**, of KSBH spoke about project development. Finally, staff members from the Three Rivers Center of Independent Living shared their experiences and ideas about designing for access. The series was a success with as many as forty students attending. The

BRICKS & MORTAR: COMMITTEE NEWS

committee is now planning for the spring program.

The Student Chapter plans a **bus trip to Toronto** the last week of March. Chapter members are invited, so mark your calendars. For more information, call David Kunselman, Student Chapter President, 268-2369.

The Liaison Committee and the Program Committee are working together to plan for next year's memberships meetings. Long term plans include scheduled presentations of current research by CMU faculty members at selected fall meetings.

IDP

Chair: Ed Shriver, AIA,
Johnson Schmidt & Associates, 923-1566.

Last year's Membership/IDP Committee has been split into two separate groups. The now independent **Intern Development Program** began with two successful seminars last fall. The next seminar is planned for Saturday, January 14th. The topic will be AIA Document

A-201: General Conditions and Supplemental Conditions. (See Calendar, page 19 for details.)

In February, members of the state licensure board will discuss current and proposed licensing regulations with participants. In March, interns will begin a series of seminars which follow a project from conception to completion. Committee members are compiling information packets which provide support for sponsors and advisors to the interns.

MEMBERSHIP

Chair: Gwen Williams, AIA,
Douglas C. Berryman Associates, 363-4622.

Gwen Williams, AIA, back in town from Columbus, Ohio, is again chair of the Membership Committee. She inherits a record number of members: 441 (up from 395 at this time last year!) If you have questions about joining the AIA, give Gwen a call.

We welcome the following new members:

James R. Thompson, AIA
Akers Erwin Gasparella
810 The Bank Tower
Pittsburgh, Pa. 15222

Joseph Vaughn, AIA
5814 Murrayhill Place
Pittsburgh, Pa. 15217

William D. Mullin, Prof. Affiliate
GWSM, Inc.,
1101 Greenfield Avenue.
Pittsburgh, Pa. 15217

Mr. Dan Smith, Prof. Affiliate
Tile and Designs, Inc.
229 Spahr Street,
Pittsburgh, Pa. 15232

Mr. Arthur L. Harding, Prof. Affiliate
A. L. Harding & Company
245 County Line Road
Bridgeville, Pa. 15017

Mr. Raghbir C. Goyal, Prof. Affiliate
TRACO
Box 805,
Warrendale, Pa. 15095

Change of Address:

Mary Unser Holt, AIA
Michael Baker, Jr., Inc.
420 Rouser Road,
Coraopolis, Pa. 15108

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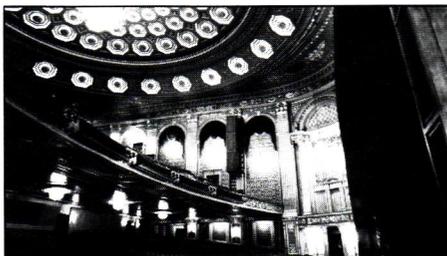
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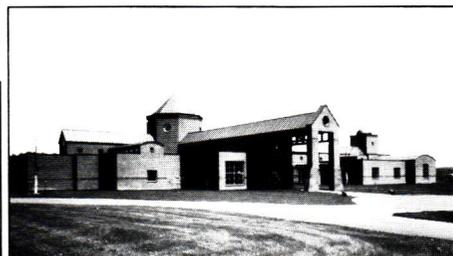
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photo: Harry Edelman



Royal Oil and Gas Corporate Headquarters
Indiana, Pennsylvania
Bohlin Powell Larkin Cywinski
photo: Karl A. Backus

CONGRATULATIONS
1988 Pittsburgh Chapter AIA
Design Award Recipients

PROFILE

KENT EDWARDS, AIA

Firm: Michael Baker Jr., Inc.

Training: B.A., B. Arch. Kent State University.

Personals: Married, two children.

Chapter Activities: President, 1989, First VP, 1988. I was Vice President of the Eastern Ohio Chapter before I moved to Pittsburgh. Somehow Lana or Bill Bates found out about that. Skipping the normal pattern, I went from being a worker on the state convention cocktail party to joining the board.

Leisure Time Interests: I generally spend free time with my family.

Specialty: I've probably fallen into the trap that a lot of architects have—I've focused on management more than design: production personnel issues, marketing, office administration, financial management.

When and Why You Chose Architecture as a Career: Eighth grade. We did a profile on



"I wouldn't mind seeing a student revolution in the curriculum. Learning ought to be more comprehensive, to reflect what architects really do. Design is a specialty. Unfortunately, schools treat everybody as if they were going to become designers. And they're not!"

what we wanted to be when we grew up. My best friend did his on becoming an architect and that sounded like great stuff. Then in my third year of college I decided that architectural school took up too much time and I was missing out on other things. I left and took my other B.A. I worked for a couple of years and then I went back into architecture.

Favorite Project: My favorite is still my first—a small doctor's office. I liked the way the project turned out—the client was happy.

Favorite Pittsburgh Building: It's not a building, it's a place. I tend to be attracted to places like Mellon and Market Squares, not the buildings that surround them. If I've missed out in a career opportunity, it is to get more involved in urban design. I've always really enjoyed it. Open spaces ultimately appeal to me more than buildings.

Favorite Building in the World: LeCorbusier's chapel at Ronchamps.

Most Enjoyable Aspect of Architecture: I enjoy the early stages of a project, particularly with a new client and building type. Everything is so fresh and possible at that point.

Least Enjoyable: It's probably universal—collecting the money.

World's Greatest Architect: Saarinen—He had

no formula. He never forced the idea. His best buildings were truly distinct from each other and were done in different materials. He came up with fresh solutions to each new problem.

Most Aesthetically Pleasing City: This may seem truly odd but I have to say New York. The contrast between the good and bad is so great that it makes the good look even better. I like *spaces* again—Central Park, small vest-pocket parks. I think boulevards like Park Avenue have a special character to them. If I had to pick one element I like the best it's the cross streets. You're surrounded by corporate headquarters and glitzy shops, and right around the corner you're in a totally different environment. It's a contrast—one is so massive and the other is so intimate, you feel like you've entered a time warp.

Advice to a Student of Architecture: I think architectural education has failed the profession. It doesn't prepare graduates for what they will be doing and as a result, they don't make much money compared to other professionals. Even when practitioners teach, they tend to go into the abstract or theoretical, rather than bringing the practical realities of their profession to the classroom. I wouldn't mind seeing a student revolution in the curriculum. Learning should be more comprehensive, to reflect what architects really do. Design is a specialty. Schools treat everybody as if they were going to become designers. And they're not! Architects abate asbestos or replace roofs every day, yet graduates aren't prepared for this kind of work. The IDP Program is the clearest evidence that the educational process has failed. There are 700 value units that you have to collect on your IDP and only 35 of those are in design.

What Gives You Itchy Fingers: Almost any place along the rivers. The city has made poor use of an incredible resource. The water has such an enormous attraction for people. Even the places we have created close to the river's edge are separated from the water by railroad tracks or highways. I'd like to see residential developments right along the water's edge, even reaching over the water. I suppose the North Shore is a better opportunity because of the southern exposure, so somewhere on the north bank of the Allegheny or down the Ohio would be the best place to start.

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FORUM

THE SHAPE OF THINGS TO COME

The Question: If you could look into a crystal ball, what would buildings look like in the year 2000? What's the shape of things to come?

Mihai Marcu, AIA, IKM Inc.: Architecture is a little bit like fashion. The style of design changes but things always come back. When I went to school, the style was Miesian, less-is-more. Everything was extremely simple, with no ornamentation. Now there's Post Modern, a stylized traditional design with contemporary overtones.

If you look at some of the buildings around the city (like the new CNG Tower) you'll notice stainless steel columns as opposed to granite, and those big stainless steel balls on top. It's ornamentation, but it's mechanized. That's because hand-carved work would cost as much as the whole building.

Today there's a romantic need to have some ornamentation. I suspect people are going to get tired of that and we'll see simple buildings again. Then someone will say, "Gee that looks too plain, lets put in a little something in." You see cycles, which is similar to what happens with women's skirts, but at least in architecture it doesn't happen as often.

I pride myself in being flexible. I think good architecture can take many forms. For example, when we did the Graduate School of Business at Pitt, I wanted the students to feel that they were part of a corporate setting. When we did the rapid transit station in Azens, we were dealing with a very old, attractive building. We developed that further—a very old style with some contemporary overtones—because we wanted the building to stand there as it was. I don't come in here and say to the designers, "We are going to do nothing but Post Modern, or nothing but Miesian." You have to be flexible.

Paul A. Whitehead, AIA, Williams Trebilcock Whitehead: From what I've seen, buildings have not changed tremendously. They're more sophisticated with computers, energy monitoring devices, those sorts of things. But we still build with columns and beams; we set one thing on top of another. It's not very sophisticated when you think of the possibilities there are for structure. Now some architects will argue with me and say, "What do you mean it's not sophisticated, you take a high rise office building, a fifty story building, that's sophisticated." They're right. You try to engineer

something as precise as that and yes it's sophisticated. But it's a basic kind of engineering. It's not like building an airplane where you're really more interested in the shape and how it affects the structure.

Some of the most interesting construction is in new bridges where the engineers are doing the most they can with shapes and materials. That's different from saying we're going to build a box, now how are we going to

frame that out?

Our business is not a leader when it comes to technology—we use the technology that's here. Beams are straight, lumber is straight, so everything ends up having 90 degree corners. Although you may have hopes of doing things differently—something exciting in form and structure—we still work with materials that have straight lines. Sure, you can be creative with the palette of things we have now. But

Continued on page 16

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Forum continued from page 15

someday, somebody might begin to stamp out plastic parts, with curves and new shapes that go together in new ways. That might happen.

"...Buildings have not changed tremendously... We still build with columns and beams; we set one thing on top of another. It's not very sophisticated when you think of the possibilities..."

Paul A. Whitehead, AIA, WTW

I think if you're going to see exotic things, you'll see it on the moon or in space stations. They'll be able to spend the money to do things right. They'll build things that are perfect in and of themselves, not necessarily the most simple, direct way with a straight line. It would be wonderful!

William Kerr, AIA, The Design Alliance:

What's going to happen in technology? What new materials will become available? Since I don't know the answers to those questions, I can't predict how buildings are going to change. If you're talking about what buildings are going to look like, I doubt if people are going to change much in their height or breadth, so proportions and scale and all those traditional values remain intact. But what begins to happen to the infrastructure of a building and what happens to the outside as a result of technology is anybody's guess.

I just hope that future buildings become less decorative. I'm not fond of Post Modernism and the decorative arts as they're being applied to buildings today. Perhaps one of my reasons for admiring Schweiker and others is that they have a handle on using building materials with their intrinsic values rather than all this decoration.

Perhaps future buildings will become more simple. Maybe they'll show a greater reliance on the materials. But what materials? We still may be building with very basic things, but we may come up with space age skins that are economical and that solve problems or provide new opportunities. Then again we may be using *Dryvit*.

"I am here to assure you that the circumference of architecture is changing with astonishing rapidity but that its center remains unchanged, the human heart."
Frank Lloyd Wright, 1931

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Design For Change continued from page 6

but it also places more responsibility on us. Here we have flexibility, and it's incumbent upon us, as designers, to do things in a logical, intelligent and cost-effective way. That's probably the most challenging and interesting part of the project."

"My role [as Airport Area Development Director] calls for the patience of a sphinx and the diplomacy of the Secretary of State."
Steve George, FAIA

Next summer, as site preparation is completed, taxiways and much of the near-surface utilities will be installed. At the same time, vertical construction will begin on the terminal buildings, with an anticipated 1500 workers on site at the various locations. The highway to the new terminal, the Southern Expressway, is scheduled for completion when the terminal opens in 1992. By then, the terminal will include long term surface parking, a short term parking garage, a moving sidewalk system to the terminal, and a land-side building where passengers check baggage and purchase tickets. A single security funnel will allow travelers to board an underground people mover and ride for about 2300 feet in 55 seconds to the air-side building with with four branching concourses.

Growth of the new facility will be constant. **Steve George, FAIA**, the Director of Airport Area Development for Allegheny County, says, "the building has been designed to facili-

tate expansion and growth. In the case of the land-side building, we would add on to the ends. In the parking garage, we have dotted lines on the plans for expansion space. The architects have approached the whole development of the terminal with the capacity to add on without destroying and rebuilding within. I give them a great deal of credit."

George also sees the transportation systems, both internal and external, as essential. "At every terminal in the country, auto passengers arrive at the same place as buses, taxis, and limousines. It's bedlam! Pittsburgh will have a dual roadway system for the land-side building. One side of the building will be reserved for private vehicles, the other side for public vehicles. In effect we'll have two levels on each side with two front entrances. If we ever have to do any repair work, we can shut down one roadway temporarily and have all the traffic flow through the other."

"I'd like to see this airport become the Columbus Indiana of transportation facilities, a showplace for Pittsburgh architects. It's an opportunity to put Pittsburgh's best foot forward in terms of design."

Hugh Hachmeister, AIA

The larger issue of transportation to and from the airport is under study by the Southwestern Pennsylvania Regional Planning Commission. George, whose current role is to facilitate regional development, has a broad view of transportation needs. "We're going to

look at the whole public transportation system—parkway expansion, mass transit, some abandoned railroad right of ways, paths around the tunnel bottleneck. We will work with townships and the whole region to identify infrastructure needs—near term, mid-term and long term. It calls for the patience of a sphinx and the diplomacy of the Secretary of State."

Hugh Hachmeister, AIA, Principal Architect, Allegheny County Department of Aviation, looks forward to the next stage in the terminal work. "In new airport design, you see something interesting—the great halls, reminiscent of great train stations of the turn of the century, are returning. The land-side building will be a very dynamic space for passengers. I'd like to see this airport become the Columbus Indiana of transportation facilities, a showplace for Pittsburgh architects. It's an opportunity to put Pittsburgh's best foot forward in terms of design."

Midfield Terminal architect, Tasso Katselas & Associates is using Michael Baker's intergraph CADD system with APDP software for structural design. Engineers at Michael Baker are using CADD software *Roadway Design System*, (RDS) for the roadways. Cross sections for the site were drawn using a digitized system. Underground utilities will be placed on CADD so engineers can coordinate the conflict points. Eventually all building designs will be placed on a facility planning system for the county.

Archives continued from page 7

Bureau of Mines would have housed three theaters and the departments of architecture, drama, and design. A shift in university priorities and fund allocations forced its cancellation.

Other recent acquisitions by the Carnegie Mellon Architecture Archives include a series of drawings, blue prints and photographs by **Benno Janssen** donated by his son, and **James B. Johnson** of Johnson Schmidt and Associates. Janssen is best known for his design of the Mellon Institute, the William Penn Hotel and the Pittsburgh

Athletic Association. A third series of drawings documenting the design of Chatham Village

has been donated to the Archives by retired partner, **Charles S. Ingham** and **Mihai Marcu**

of IKM Inc. (formerly Ingham and Boyd) designers of the village. An innovative housing development built in the 1930's on the back slope of Mount Washington, Chatham Village is now acclaimed as a prototypical "garden suburb."

The Carnegie Mellon Architectural Archives collects, preserves and promotes the use of records that document the architecture of the tri-state area. For more information, contact Martin Aurand at 268-2451.





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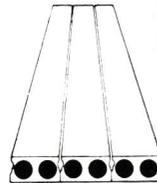
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