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COVER AND FEATURE

MATERIAL

This month's cover is a sketch of the B.U.C. Building,
which is part of the new State Office Complex in Columbus.
The cover and feature material were prepared under the direction
of Associate Editor Robert R. Reeves, AIA.

The feature material on the Cleveland Home and Flower
Show in Cleveland was prepared under the direction of
Associate Editor William S. Cullen.

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In the July 1961 issue, the featured article “New Pattern for the State in Columbus” described and illustrated the proposed program for the State Office Building Complex in the Market-Mohawk Urban Renewal Area.

The principals involved in the planning of this project are: Theodore J. Kauer, Director of Public Works; Carl E. Bentz, Consulting State Architect; and the architectural firms of Bellman, Gillett, and Richards, Toledo; Tully and Hobbs, Columbus; Potter, Tyler, Martin, and Roth, Cincinnati.

Unfortunately, since the release of that article, circumstances involving a court ruling based on previous legislation made the site unavailable to the State for its intended purpose. Therefore, with the State restrained from purchasing the property, a new direction had to be made, although a complex of buildings similar to this is still strongly advocated in the downtown area. However, in order to take advantage of existing available funds, a determination was made to go ahead with the construction of two new office buildings on State property, each flanking the present State Office Building, as indicated by the model shown on the preceding page.

These new buildings will house the entire administrative offices of the Bureau of Unemployment Compensation in one building and those of the Highway Department in the other. The buildings will be similar in design, each consisting of approximately 200,000 square feet in six floors plus a basement and sub-basement and will provide parking for approximately 50 cars in each unit.

They will be of steel frame construction and faced with Georgia marble to match that of the present State Office Building. A central core scheme using movable partitions will allow for the greatest flexibility in office arrangement. The structures will be erected on a caisson type foundation system. These units will be completely air conditioned, and they will use the same central heating system which services the present State Office Building. The cost of each headquarters is estimated at $5,000,000.00. The B. U. C. Building is expected to be ready for bids in May 1962, with the Highway Building following by three months. Construction is expected to start in July and September respectively, and be completed and ready for occupancy 18 months later.

It will be gratifying to see this much-needed State Office program launched, and, without question, it should certainly add credit to the Civic Center of Columbus.
Traditional And Contemporary Style
Shown At Cleveland Home & Flower Show

The 1962 Home and Flower Show in Cleveland exhibited two homes of different styles to endless lines of interested people. One done in a traditional style was designed by Alfred W. Harris, who usually does contemporary styled structures.

With apologies to New England, Harris slipped an open plan under a traditional exterior because this plan, repeated forty times in a development, had proven very adaptable to the requirements of the families who occupied them.

The heater closet and fireplace walls were capped with a stone slab at six ft. with only the flues continuing up, permitting the ceiling to continue through from one space to the other.

Other obvious features: the all-purpose room could be the third bedroom, dining could be to the left of the fireplace, the breeze-way could be a porch, laundry and storage or another garage, and due to the higher pitched traditional roof, the storage closet could provide access to the attic for additional storage.
The second house was designed by Joseph Ceruti, Febo and Associates. Although it is contemporary in style it was derived from prototypes in Ancient Greece and Rome. Built around a central court, or atrium, the house focuses its attention inwardly and disregards the street and its activity. Designed for urban use, it could utilize a small lot effectively by building to the lot line. Privacy would be obtained by the lot line walls. Natural lighting would hardly be affected as it would be brought in through the atrium and front and rear of the house as well as a clear story running over the living and bedroom areas. Actually, there would probably be more light due to the more private outside areas which would require less window covering. The plan was designed around present family needs and future changes the family will undergo. When the bedrooms are vacated by married children, the girl's bedroom can be used as a guest room and the boy's room can be used as a library or den. The play area can become the hobby area. The home is designed to please the family living in it rather than to please only the neighbors.

Contemporary style home designed by Joseph Ceruti, Febo and Associates, for the Cleveland Home and Flower Show.
ASO EXECUTIVE DIRECTOR
OUTLINES FUNCTIONS OF OFFICE
BY CLIFFORD E. SAPP
Executive Director
Architects Society of Ohio

Since the original concept of a full-time ASO staff and the establishment of a permanent headquarters in 1955, the Society has become the central clearing house of the profession in Ohio for the six AIA Chapters, and architects in general, as well as local and state governmental bodies, allied professional and construction organizations, the working press, and in many instances, the general public.

Although this office does not claim to know all the answers to all inquiries, it does attempt to find answers through its many sources.

In effect, the ASO office is the pulse of the profession of architecture in Ohio, and exists to serve the profession and the many "publics" of the profession.

The activities and functions of the executive director and his office have been outlined in several broad general headings, and followed by more detailed information below in order for the profession to become more aware of their state office and its operations.

I. Administration
A. Staff—maintain staff to execute Society activities. Includes salary determination, general administration of functions of employees.
B. Physical plant—maintain office adequately for purposes of Society and staff.
C. Office operation—generally responsible for office administration (forms, taxes, etc.). Handle all routine telephone calls and matters that pertain to the daily functioning of the Society.

II. Executive Board & Committees
A. The executive director is an employee of the executive board and serves at their pleasure. He executes the directives handed down to him by the executive board. (It is my firm belief that in order to properly function as the executive director of the organization it is necessary that I not only execute the policies set down by the Board, but I believe I must attempt to guide the various decisions of the Board. To serve effectively and properly, I must act as an advisor to the Board.)
B. The ASO executive director sits as an ex officio of all Society Committees. He implements the positive actions of the committee and in cases where no such action is contemplated, he does his best to see that the committees have an agenda for their meeting and helps them to develop a positive program of action. In effect, he is the executor of the policies and decisions of various committees after they receive approval of their program from the Executive Board.
C. Routine—This includes printing minutes for all Board and committee meetings and mailing notification of meeting to the various members.
D. Meeting arrangements—all hotel arrangements, i.e., meeting rooms, lunches, preparation of agendas, etc., are done by the office of the Executive Director.

III. Chapter Relations
A. Assist the chapter in any local "brush-fires" that may occur in any area of professional or public relations activity.
B. Upon request, assist the chapters in any program assistance they may need and help in any way required.
C. Makes periodic visitations to the Chapters explaining what the state society is doing and how it is accomplishing its objectives and programs.
D. Work with and advise Chapters about legal, ethical and professional problems.
E. Serve as a central agency of information relative to other chapter activities and activities at the national level.

IV. Annual Meeting & Conventions
A. General—work with the convention chairman in setting up the budget and program. Work with the various committees that are active in the overall convention planning.
B. Materials exhibition—it is the duty of the executive director's office to plan and sell the exhibit area space to the product manufacturers desiring to exhibit their products. Here in Ohio, the number of educational exhibits will vary between sixty and seventy depending upon the location of the convention and the physical facilities of the hotel.
C. Hotel—executive director makes all physical arrangements with the hotel, working closely with the sales department.

V. OHIO ARCHITECT Magazine
A. Editorial—the executive director serves as publisher and managing editor of Ohio Architect magazine. He is responsible to the publications committee and the executive board for the editorial contents of the magazine. He supervises the acquisition of editorial material, the preparation and editing of such material, and the actual physical layout of the magazine. In most cases he is the formulator of the editorial policy with regard to material other than the feature articles which is the perogative of an associate editor and the technical editor.
B. Advertising—the executive director is responsible for the advertising solicitations and the complete financial security of the publication. He also serves as president of the Publishers Architectural Components (PAC), a non-profit organization of 14 regional publications, all of which are official magazines of component organizations of the American Institute of Architects.

VI. Governmental Relations
A. The executive director is responsible for maintaining relations with the executive and legislative (Continued on Page 11)
Inside or outside the sanctuary, wall patterns do much to establish a spirit of worship. By his personal design skill, the architect creates this feeling of reverence. The one building material which assures the architect complete scope of expression comes from the earth itself. It is the imaginative material... BRICK & TILE.
AROUND THE WORLD
THREE THOUSAND MILES OF VIEWS
By C. Melvin Frank, AIA

During the past Summer and early Fall, (one hundred and twenty days to be exact) it was the writer's privilege, in company with his wife, to view our great world, via ship, train and plane.

Our particular quest was that of most Americans, "How do we rate with our fellowman?", and a glimpse of the world around us, which revealed a great deal.

Setting sail from San Francisco to Honolulu, one quickly is imbued with the reality that our 50th State is one of great beauty.

As we landed in Tokyo, it was soon revealed, much to our surprise, (many pages could be written thereon), what is happening among the Japanese people. Japan, as we saw it, quickly portrays a country that is probably making greater strides than any other nation in the world, and one should not underestimate the Japanese people.

The British possession known as Hong Kong is a fabulous wide-spreading community, divided into two districts—Kowloon, adjacent the Red China border, and across the Bay lies Hong Kong Island. Hong Kong is probably one of the most congested and populated areas in the Far East, which is developing into a gigantic community of merchants as well as a shipping center.

A stopover in the City of Bangkok, Thailand, probably stands out as one of the most fascinating cities of the East. Its outstanding temples and shrines are the show places of this city, and in spite of the fact that it is adjacent to the war-torn country of Laos, known to be infested with communists, one finds Thailand a definite anti-communist country.

In the extreme Far East to the south, Singapore is the gateway to many principal ports of the world, and plays an important part in the world of commerce.

The Island of Ceylon is at the southern-most tip of the great fabulous Country of India, from which one can fly to the center of Indian culture, Madras, where are found great institutions of learning, of which the Country of India has far too few.

India today still lacks adequate educational facilities, so, one finds educational buildings only in a few of the large cities.

To the north central part, the well-known City of Delhi forms a central complex population, from which entire India is governed. It is interesting to note that along a twenty mile span, on a main highway out from Delhi, the Government is developing an industrial area, served with all the modern utilities.

One finds here many American “top-rated” corporations displaying their signs, over large plants, where they manufacture and man their factories with local low-priced labor.

After one leaves the large cities, the visitor to India is confronted with the poverty of this great sprawling land, and this unemployed majority group is the present problem of the governing bodies. It was our observation that edu-

cation is one of the prerequisites (and it will take many generations to bring it about) for the salvation of India.

The City of Bombay on the West Coast, with several million people, gives the casual visitor an unexpected awareness of its greatness.

Setting sail from Bombay across the Adriatic Sea and through the Red Sea, a journey of five days to Suez, gives one a good idea of the distance which lies between these countries.

As we land on Egyptian soil in northern-most Africa, it is quite astonishing to be greeted chiefly by white and some few light-brown skinned people.

The great Sahara Desert is crossed by a modern highway from Suez over to the City of Cairo. Cairo presents an amazing sight of fine western type buildings—one of the largest in Africa, and the largest city in Egypt. This vividly portrays what progressive peoples are doing with “foreign” aid monies. If it were not for the many shiek-robed Bedouins walking the streets, one might take the City of Cairo for any American community.

The river Nile plays a great and important role in this part of Africa, is navigable and stretches for many miles in both directions.

From Cairo one can fly down to Luxor, over the Desert, through which the river Nile flows, and it is quite apparent that the Egyptians can raise almost anything which lies within the irrigation limits of this vast body of water, some 15 or 20 miles on either side.

The City of Alexandria is a fabulous community on the Coast of Africa, and shows great promise in modern day growth.

Nearby are the other United Arabic States, under the dual control of Nasser, and most of them are experiencing great building booms with the aid of foreign money grants.

In the “Old Greek” lands, ancient Athens shows evidence of great modernization, in spite of its centuries old landmarks that are shown to all its visitors.

The writer reaches the Holy Lands and adjacent Israel to find the borderline between Jordon and Israel, with its still existing enmity. It is surprising what Israel has accomplished in its thirteen year's history, which has been done with the aid of American as well as other “foreign” money aid.

From ancient Athens, to modern Rome, Paris, Copenhagen and London, again, we see evidence that our European neighbors are losing no time in bolstering their economic situations.

Summarizing the conditions around the globe, any traveller naturally becomes imbued with these facts, that in practically every country, however small, the Far East lands; the Near East; as well as the European countries; all have one goal in mind and that is to bolster their economic standing among the nations of the world.

(Continued on Page 50)
branches of the State Government. He is the Society’s “legislative agent” at all times. He organizes the membership to appear before legislative committees when necessary. He makes every effort to become known to the legislators through close association on a business and social basis.

B. Department of state — this is a constant job of public relations with the departments of state that could conceivably affect the profession of architecture. These departments, in Ohio, are the Division of Plan Approval in the Department of Industrial Relations, the Department of Public Works, the State Board of Education and the Department of Education, and the Department of Industrial and Economic Development.

C. Appointive Boards — primarily the liaison and public relations work is done by the executive director between the Architects Society of Ohio and the State Board of Examiners of Architects. Also, he performs liaison work with the State Board of Examiners of Engineers and Land Surveyors; the Board of Building Standards and the Board of Building Appeals.

VII. Inter-Professional Relations

It is the function of the executive director’s office to maintain good relations and a personal friendship with the staff and officers, where possible, of the following organizations:

A. The Ohio Society of Professional Engineers — he serves as a secretary and assistant secretary, alternately, of the Architects-Engineers Joint Committee, a recommendive committee, between the ASO and the OSPE. He is also active in relations with Consulting Engineers of Ohio, a function group of the Ohio Society of Professional Engineers.

B. Ohio School Boards Association — in addition to maintaining good relations with this organization he plans and executes an architectural exhibit that takes place at the OSBA annual Convention each year. He organizes and executes this exhibit wherein ASO architect members purchase exhibit space at the convention and display their work to school board members and administrators attending the convention.

C. Producer’s Council

D. Ohio Hospital Association

E. Ohio Banker’s Association

F. Ohio Savings and Loan Association

G. The Construction Specifications Institute

H. Ohio Home Builders Association

I. Associated General Contractors of America

J. Builder’s Exchange

VIII. Newspaper Relations

A. The executive director’s office functions in the State Capitol as a liaison man representing the profession of architecture in the state and attempts to know as many newspaper people as possible on a business and social level.

B. He holds a membership in the Press Club of Ohio and is active in many of their functions.

IX. General

A. Elective officers — the executive director necessarily must work closely with all ASO officers. Because the Society’s financial operations are so closely related to the functions under his direct guidance he must be active in helping shape the overall financial objectives and goals of the Society.

B. The executive director is active in his own group, holding membership in the Ohio Trade Association Executives and the American Society of Association Executives.

This has been a fairly detailed report of the functions and duties of the executive director’s office. It illustrates the fields of activity engaged in by the Society. It does not, however, show the many, many hours of work given to the Society and the profession by the many officers and committee members devoted to their profession.
The following alphabetical roster of architects, registered and licensed to practice in Ohio, is correct as of April 15, 1961. The list has been checked carefully with official state records as of the date given.

In order to keep this Roster up-to-date OHIO ARCHITECT periodically will publish address changes, new architect registrations, and license restorations. This is possible because the ASO is located in Columbus and has daily access to official records.
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OHIO ARCHITECT

Page 18
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<td>Fling, Russell R.</td>
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Wilkins, John J., Jr.
S-106 Cincinnati Union Terminal Cincinnati, 3

Wilkening, John K.
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OHIO ARCHITECT
ASO Committee Workshop
Session Reports

On Saturday, March 3, 1962, more than forty ASO members reported for a workshop committee session and executive board meeting. The following reports briefly outline the highlights of each committee's activities that day.

Publications —
Orville H. Bauer, Chairman
This committee reviewed the editorial and advertising policies of OHIO ARCHITECT and recommended wider and more inclusive distribution. Current circulation is now in excess of 6300.

Additionally, the following schedule of feature material and the responsible chapter was set for the 1962 monthly issue.
- April, 1962 — Roster Issue, Columbus
- May, 1962 — Church Conference (follow-up), Cincinnati
- June, 1962 — (Not determined), Dayton
- July, 1962 — Art and Church Architecture, Eastern Ohio
- August, 1962 — Education, Cleveland
- September, 1962 — Convention Issue, Toledo
- October, 1962 — Legislation, Cincinnati
- November, 1962 — Schools, Columbus
- December, 1962 — Churches, Eastern Ohio

For the first time various ASO committees have been asked to work in cooperation with the associate editors in assembling feature material for the magazine.

In general, the committee recommended that OHIO ARCHITECT include more editorial and educational materials and, in particular, articles from the allied arts field, i.e., landscape architects, sculptors, interior decorators, etc.

Special Legal Fund Committee —
Joseph Tuchman, Chairman
This committee set up the mechanics for raising funds from the profession, earmarked especially for registration law enforcement and legislative activities.

Legislative and Registration Law Committee —
H. James Holroyd, Chairman
The proposed 1962 program for this committee was discussed and a number of legislative activities are to be initiated prior to the convening of the 105th General Assembly next January.

Current legal and registration law matters were reported upon and discussed.

Membership Committee —
Robert E. Martin, Chairman
This committee recommended and suggested a plan for an active and vigorous campaign to obtain more members for the AIA and ASO.

Education —
Richard H. Wheeler, Chairman
This committee outlined a program for 1962 designed to establish and maintain liaison with Ohio high schools and to improve liaison with the six architectural colleges in Ohio.

Chapter Affairs and Newsletter —
Charles J. Marr, Chairman
Members of this committee recommended that an ASO standing committee for student affairs be established and that the ASO board urge the AIA board to establish a vertical committee for student affairs.

Some of the recommendations of this committee dove-tailed with the proposed activities of the Education Committee, and they will work together in this direction.

Professional Practice Committee —
Ronald A. Spahn, Chairman
This committee is actively studying insurance programs for AIA member firms and will shortly have recommendations.

They are also initiating the study relative to this to the advisability of incorporation under the Professional Incorporation Act passed by the 104th General Assembly.

They are also going to review the Handbook of Architectural Practice relative to revisions being considered by the national Professional Practice Committee.

Specifications Committee —
John R. Birchfield, Sr., Chairman
The long range objectives are:
1. Check lists, formats, sequence lists, schedules, standard paragraphs, etc.
2. To keep the many small offices

(Continued on Page 51)
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24 North Erie St., Toledo

AROUND THE WORLD — FRANK (continued)

We observed that great strides are being made toward their goal, and the increasing amount of saleable materials made in these various countries gives us Americans much to think about. Foreign countries are producing comparable goods at a much lower wage scale than we can produce in our country.

Therefore, one feels that in a large majority of the countries visited, the Governments are working hand-in-hand with capital and labor, and this in itself signifies conditions prevalent today. One wonders how long under the present conditions we can remain leaders throughout the world.

One cannot visualize any Government distrusting capital, any more than Corporations' good honest labor.

In most countries one finds an open mind on good honest economic growth, and to this end the world traveller feel that we Americans can always hold ourselves as exponents of continued growth.

Yes! To make a tour "around the world" convinces a traveller that there is no land "as fair" and "as free" as the "Good Old U.S.A."

So compatible with modern decor . . . Metwood's TC-1 Model with chrome legs. Often specified by architects because it blends well with the clean, uncluttered look of modern interior design. Features Metwood - Hanover's traditional craftsmanship and famed automatic locking device. For literature about the big, complete Metwood line, write without obligation:

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WORKSHOP (continued)

abreast of current practices.

3. To conduct research and experimentation re: specification writing.
4. Publication of articles on specification writing in the OHIO ARCHITECT remain unchanged.

In addition to the nine articles or topics mentioned in the last report of this committee for publication we have included the following topics: (10) Building Codes as a Basis for Specification Standards; (11) Proper Trade Classifications; (12) Open or Closed Specifications (or equal); (13) Comparison of New AIA General Condition with Last Previous Issue.

Five of these topics are now assigned to committee members present at this session.

BOIARDI TILE APPOINTS FACTORY REPRESENTATIVE

Appointment of Leo E. Miller as factory representative for the state of Ohio for the complete line of Boiardi Pave Tile, was announced recently by Tom McCarthy, sales manager of Boiardi Tile Manufacturing Corp., Cleveland.

A native Ohioan and Kent State graduate, Mr. Miller joins the sales staff of Boiardi Tile after five years with U.S. Ceramic Tile. He makes his home in Massillon, with sales headquarters at the Boiardi offices at 1525 Fairfield Avenue, Cleveland.

WINS LIGHTING CONTEST

Harold Tuttle, left, member of Robert Curl & Associates, Engineers, Columbus, won first place in the 1st Annual Illuminating Engineering Society's Applied Lighting contest, William

Smith, right, second-place winner, is a member of H. A. Williams & Associates, Engineers, Columbus, Lowell Mast, center, Chief Engineer, H. A. Williams & Associates, was contest chairman.

Representing the three-year-old local Buckeye Chapter, Tuttle's entry was one of six submitted in the Commercial-Industrial field. The winner placed emphasis on concealed luminaries, or best use of hidden lighting in large building lobbies.

The Illuminating Engineering Society is nationwide in scope and dedicated to the advancement of new and improved lighting techniques, and the widespread dissemination of information gained through continuous applied research.

Officers of the local chapter of Illuminating Engineers are: Herbert A. Odle, chairman, Holophane Company, Newark; R. H. Eddy, vice chairman, Columbus and Southern Ohio Electric Company, Columbus; and Michael Passe, secretary-treasurer, Kramer, Comer and Passe, Columbus.

Fighting Building Budgets or Deadlines?
Dear Mr. Kemptou, Architect:

I understand that you are a modernistic architect and I want to build a modern-type ranch house with a big picture window on the front, and I am wondering if you could incorporate some of the furnishings that I have in this type house.

First, I want you to have complete freedom in the design as I know an architect is better if he has free reign, but just these few suggestions and requirements. I have an old antique secretary with an impediment on the top. Could I use this? And could you work in a long sexual sofa that I have, Mr. Kemptou? I have several pieces of French provisional furniture too that I would like to use.

I want to bring the indoors out and the outdoors in, if you know what I mean. I like everything very simple — just a real modern-like house that Johnson or Gropius would build. I want a brick living room with a glass brick entrance hall, and a simple little Dutch door to keep it on the informal side, and I want to use a railing of racy New Orleans wrought iron on the front entrance with my husband’s coat of arms worked into it. I would like real permastone worked into the fireplace and I want you to design a dining table, bridge table size, that will open out to seat twenty people. I want the rooms quite open in plan with bean pole and cheese hole effect separating the two rooms. Then I want book-cases in the den, as my husband has real books to put in them. Then I have quite a nice portrait of my Aunt Clara, that Mama has had turned to the wall. Mama says she is dead to us all. (She lives on the French Riviera.) But even though we never speak of her, I think her picture would be appropriate in a den of some kind — it has a pretty frame. I have a beautiful old china bed pan that was hand painted by Mama that I think we could mount on a pickled wooden faun and planted with syringia and fuchsia and made into a lamp. I think it sounds real pretty, don’t you?

For the outside I want big white pillars on the front porch as my husband is from a fine old southern family and says he just can’t live without them — it just wouldn’t seem right to him. You know old southern families. I want it all simple and modern, but just a little knotty pine on the front to relieve the severity, and worked on with a blowtorch — the effect is quite artistic. Then I want to use some brick and permastone with a garage attached and built of white slapped board. I want all corner type windows with shutters. We love lots of shrubbery and ivy growing all over the walls. I want an insinuator in the back yard and I want a big yard as all the children conjugate there.

I want two laboratories in each bathroom and since we have a dog that we keep on a leash I want a cute little dog house to be designed quite simple, like the house with a little cast iron tree growing right up, natural-like, beside the bean poles and cheese holes, which I mentioned above.

I want to be sure and have insulin in the walls and ceilings. Now, we really do not want anything showy or ostentatious, just this simply modern house. Do you think you could do it?

Sincerely yours,
Lucy Bidget Fleshbutton

OVERLY DOOR PASSES FIRE TEST

Successful completion of a three-hour fire test by a pair of fire barrier doors equipped with panic hardware has been announced by Overly Manufacturing Company.

The test was conducted in Chicago by Underwriters’ Laboratories on a pair of Overly hollow metal fire barrier doors seven feet wide by seven feet high. This is the largest pair of doors equipped with fire exit hardware to pass the UL three-hour fire test. These doors are designed to provide property protection and life safety against fire and smoke in schools, hospitals, office buildings and other public and commercial institutions.

During the test, the doors and a Von Duprin panic device were subjected to temperatures reaching 1925 degrees Fahrenheit.

Despite the heat and flame, the doors and hardware demonstrated sufficient resistance to provide a maximum three-hour protection against the spread of fire and smoke.
The use of systems design to achieve the total integration of environment with structure—a significant breakthrough in architectural-engineering technology.

Total environment can be created only through the dynamic integration of the building systems into the design of the three planes that define the enclosed space.

Second in a series on DYNAMIC INTEGRATION. For more information about this new technique of integrated building design, write us for Research and Development Bulletins published by Meckler Engineering Co., Toledo, Ohio.

Here the utilization of electricity for heat redistribution plays a major role in the Dynamic Integration of the building systems. (Perimeter areas represent a heat loss...the interior lighting system a heat gain.) This provides the opportunity to utilize the lighting heat for perimeter heat losses and to maintain controlled total indoor comfort conditions with heat pumps. The results? Far lower costs and greater efficiency than conventional design. A comparison of lighting and air conditioning requirements at illumination levels of 75 and 150 foot-candles respectively dramatically illustrates the savings achieved through Dynamic Integration. By comparing the architectural lighting and mechanical system costs, it was found that through Dynamic Integration 150 foot-candles can be provided at a total building cost no greater than required for conventional lighting and conventional air conditioning systems at 75 foot-candles. Through the combination of two or more building systems which permit the direct interaction of system energies, Dynamic Integration offers the following important advantages:

- Increases energy efficiency
- Reduces net energy requirements
- Lowers construction costs
- Increases total usable space
- Provides new architectural design freedom

TOLEDO EDISON
Helps You Plan Better
Electrically
By TED SHERARTS

TO BE AN ARCHITECT—Something on the lighter side of yesterday's busy day at the Wayne County Courthouse: Several officials and attorneys wished they could be architects for a weekend. They were looking over an article in the Ohio Society of Architects journal (addressed to County Commissioner Roy Halteman, who is not a Commissioner but a candidate). The story was about the Society's rather attractive plans for the annual convention Sept. 7-9. Here's a brief rundown of events:

Sept. 7: Conventioners meet in Toledo for a noon luncheon. Board busses to Detroit where cruise ship SS North American waits in harbor. Begin cruise up Detroit River and on to Lake Huron.

Sept. 8: Continue cruise, reaching Mackinac Island in the afternoon. Attend annual banquet at Grand Hotel, then board ship again.

Sept. 9: Return trip to Detroit.

The ship has 400 berths so the convention committee will allow 150 architects, 150 architects' wives, 50 suppliers and their wives. The charge is $75 per person, which covers everything.

The above newspaper column, under the by-line of Ted Sherarts, appeared in the Five Star edition of the Akron Beacon Journal, which is distributed throughout Wayne and Stark counties. It is one of the eight daily editions of the Akron Beacon Journal, six of which are tailored for suburban delivery, according to Paul H. Miller, State Editor.

OHIO ARCHITECT appreciates Mr. Miller's and the Beacon Journal's permission to reprint these interesting comments.

DATA SHEET AVAILABLE

A technical data sheet, all on one page and showing in detail the application of standard stock door frames with all sizes of modular masonry units, has been developed by The Steelcraft Manufacturing Co., 9017 Blue Ash Rd., Cincinnati 42, Ohio. Illustrates simply how to use stock steel door frames for wrap around or butted installations. Opening sizes and jamb depths are coordinated with modular construction. Allows simplified installation and permits improved workmanship, appearance and lower installation costs.

NEW TYPE GLASS

Panels of "unpolished" plate glass provide architects and decorators with an exciting material for creating large-size interior borrowed light partitions in homes, offices and institutional buildings.

The scope and effectiveness of its application was broadened recently by Libbey-Owens-Ford Glass Company in its announcement of an expanded selection of rough plate glass products in a greater variety of thicknesses, surface finishes and glass types.
Colonel Crawford High School, North Robinson, Ohio
Architects: Edwards and Burriss, Marion, Ohio

For Ohio's finest schools
the choice is modern concrete

Communities all over Ohio are finding that modern uses of concrete give more school per dollar.

The Colonel Crawford High School, pictured above, is a good example. For the gymnasium, a clear span of 95 feet was achieved quickly and easily with a "folded plate" roof of prestressed concrete. Much of the forming material used for the roof was re-used to build the concrete canopy over the walkways. Along with money savings, the community got a beautiful structure—and most important of all it obtained the positive fire-safety of concrete that's such a vital consideration in all school construction.

If there is a new school in your community's future, get all the reasons why everyone concerned—parents, teachers and students—will benefit with durable, low-cost, low-upkeep concrete. Write for details.
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The school superintendent recognized features that were desirable for a school. He gave the architect a precise statement of educational philosophy. One requirement was to separate children by age groups. Another was high visual standards: (1) Window-sill heights so children feel unconfined, sense no psychological barrier and can see outside from a sitting position. (2) Special consideration pertaining to "balanced brightness".

Tough requirements! But the architect licked them. In addition to properly orienting the school, he used large window walls of L-O-F Parallel-O-Grey, a neutral grey glass to help control sky glare and sun heat. He used liberal roof overhangs. He made the school conform to the lay of the land, saving thousands of dollars. He provided one wing for younger students, another for the older. And a multi-purpose room divides them.

The result? A school that pleases students, teachers and the whole community.
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