

BULLETIN

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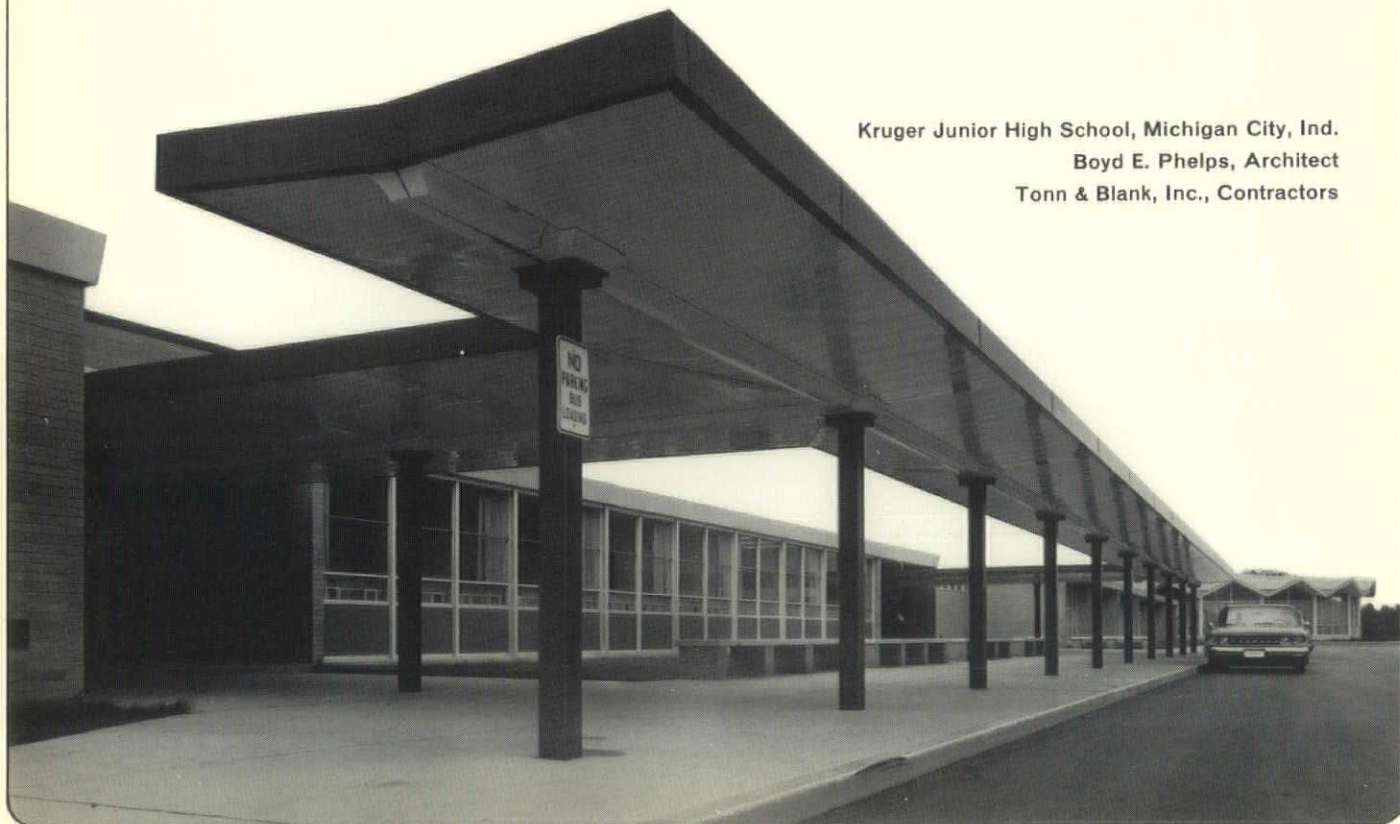
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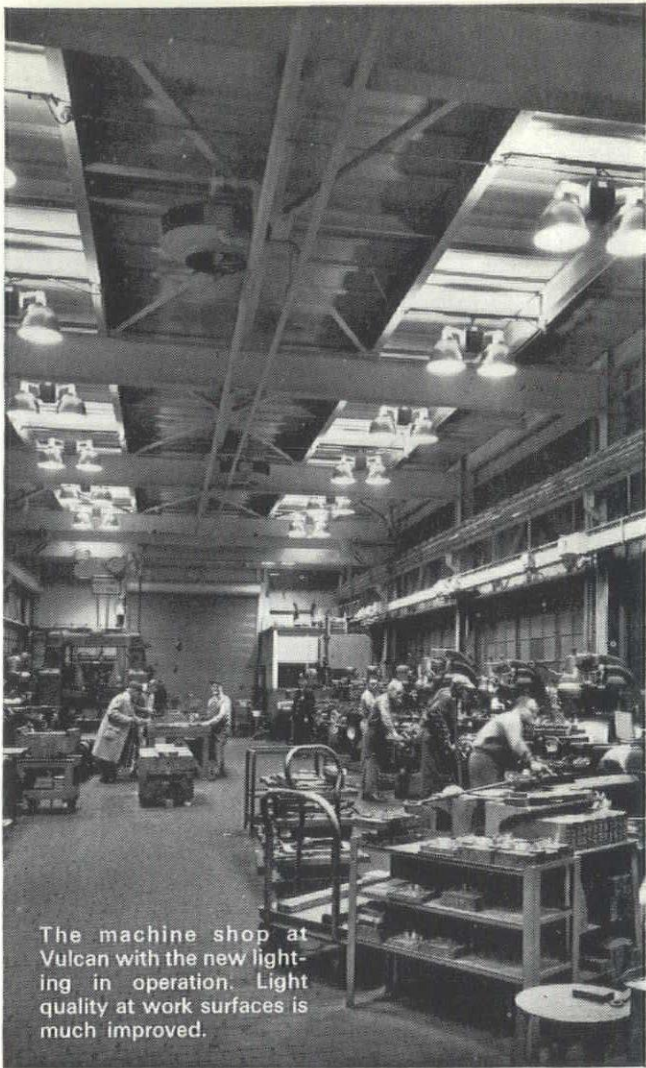
Lamp maintenance at Vulcan Forging Co., Detroit, was too time consuming and costly, so completely new lighting equipment was installed. Mercury vapor lamps were used; the benefits were direct and immediate.

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- Starters eliminated
- Longer lamp life
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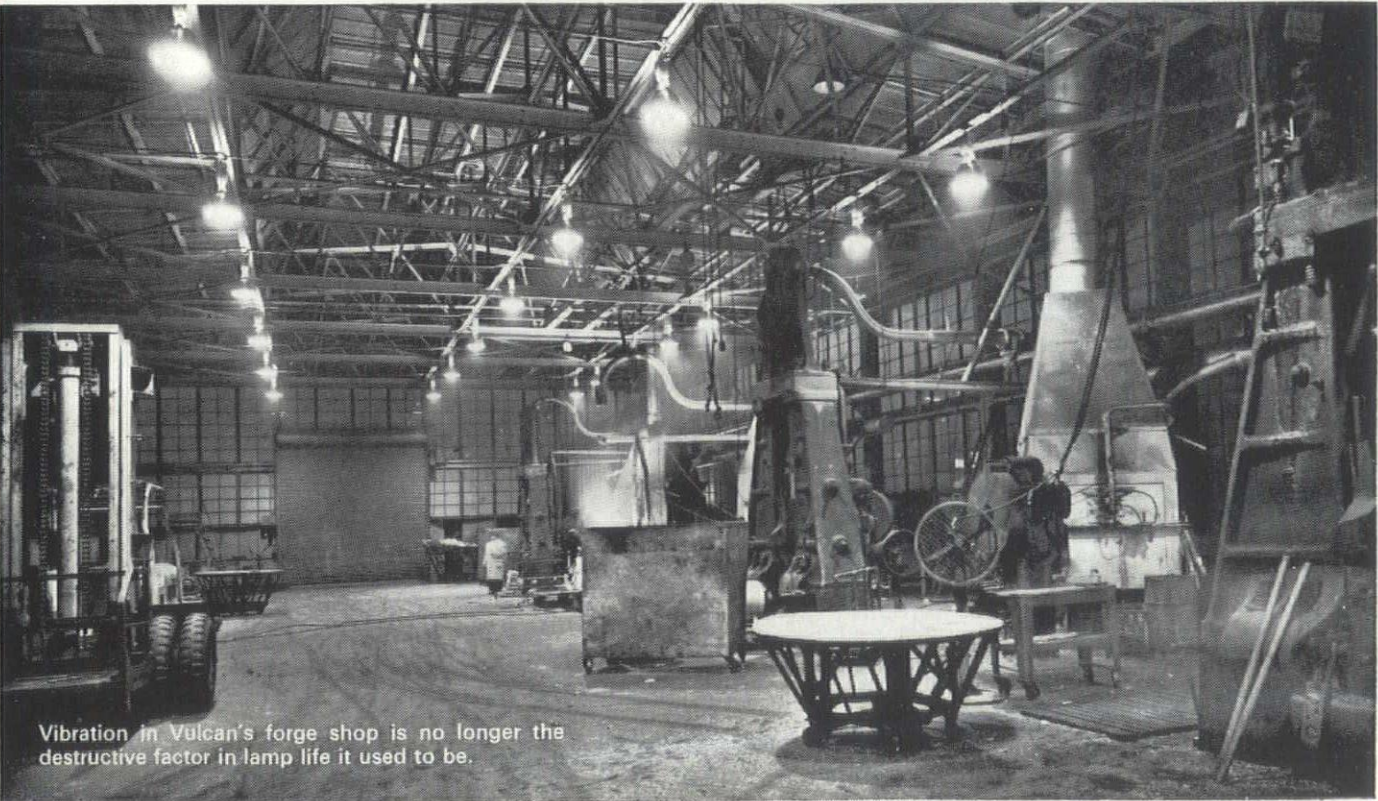
The beauty of it is, the changeover improved the lighting level, too. And it's axiomatic that employees produce faster and with greater accuracy when there's good lighting to work under.

Architects and consulting engineers are invited to take advantage of the specialized knowledge of Edison's industrial lighting consultants. Plant managers and engineers can do so also. In Detroit, call WO 2-2100, ext. 2875. Elsewhere call your Edison office.

EDISON



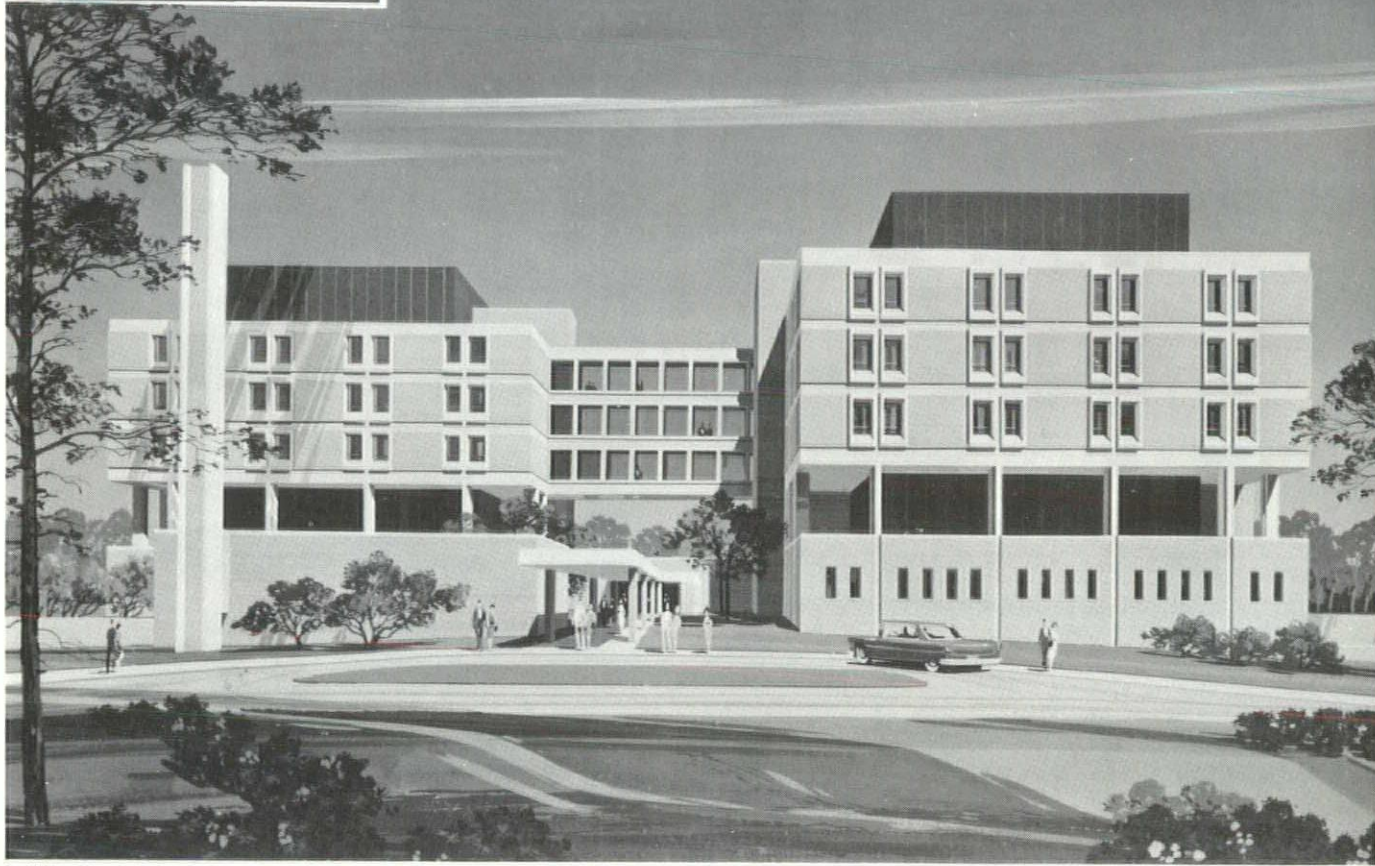
The machine shop at Vulcan with the new lighting in operation. Light quality at work surfaces is much improved.



Vibration in Vulcan's forge shop is no longer the destructive factor in lamp life it used to be.

One of a series of advertisements showing how top Michigan architects effectively use versatile concrete

*Building a better
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Architect's sketch of the new Crittenton Hospital Rochester Unit. Architects: Smith, Hinchman & Grylls of Detroit

Concrete sets new standards for utility and economy in the newest Crittenton Hospital Unit

The versatility of modern concrete construction is impressively demonstrated in the Rochester Unit of the Crittenton Hospital now under construction. Ground for this 207-bed hospital was broken July 11, 1965, and work is expected to be completed in 1967. The \$5,130,000 structure will provide excellent treatment facilities for patients.

Concrete frames and floors were chosen for maximum economy, durability, fire-safety, and low future maintenance cost. In addition, precast concrete units provide an architecturally and esthetically pleasing exterior.

Hospital administrators and their boards are invited to compare the advantages of concrete structures — in beauty, in low initial cost, and in long-range money savings on upkeep. The Portland Cement Association can assist your building committee and architect in obtaining maximum benefits from concrete construction. Just contact the office shown below.

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Lansing, Michigan 48933



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BULLETIN

february 1966
michigan society of architects

THE MONTHLY BULLETIN IS PUBLISHED FOR THE MICHIGAN SOCIETY OF ARCHITECTS TO ADVANCE THE PROFESSION OF ARCHITECTURE IN THE STATE OF MICHIGAN.

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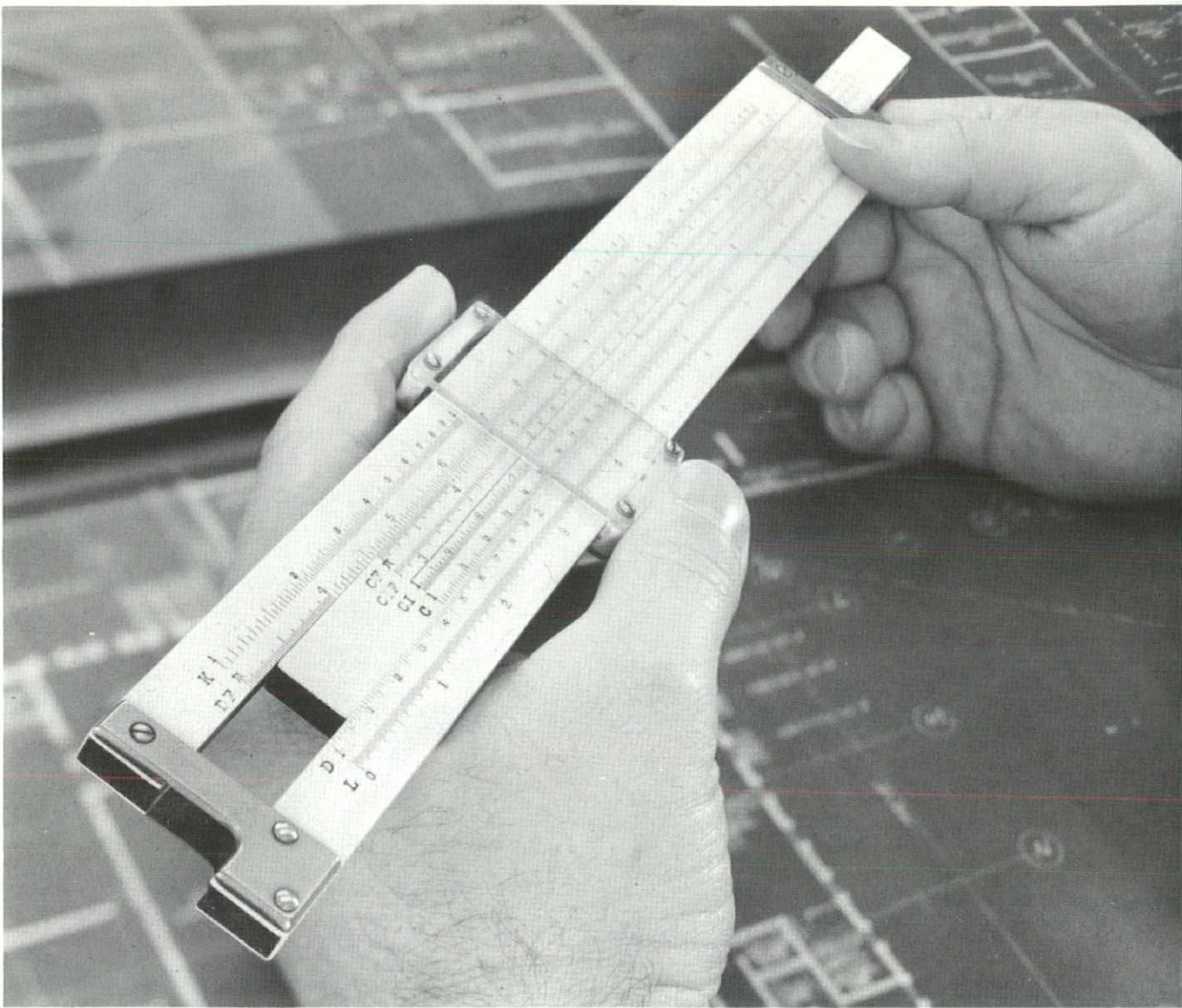
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Robert M. Beckley, AIA

MSA Bulletin Names Editor

Robert M. Beckley, AIA, of Ann Arbor was recently appointed Editor of the Monthly Bulletin, MSA, MSA President Robert Wold of Grand Rapids announced.

Mr. Beckley, a graduate of the University of Cincinnati, Ohio in Architecture and of the Harvard Graduate School of Design, MA, is an Assistant Professor in Architecture at U. of M. College of Architecture and Design.

A member of the Huron Valley Chapter of AIA, he is registered to practice architecture in Ohio and Michigan. He has been a Graphic Consultant to the Architectural Research Laboratory for U. of M. publication on Research.

Prior to his joining the U. of M. staff in 1963, Mr. Beckley was engaged in private architectural practice with several firms in the Cincinnati area.

MAP to Meet in Grand Rapids

The Sixth Annual Congress of the Professions will be held in Grand Rapids at the Pantlind Hotel on Friday and Saturday, March 26 and 27, 1966.

The theme of the Congress will be "Relationships—Old and New" and "Improving the Portfolio of Professional Services."

All members of the Michigan Society of Architects are invited to attend this meeting, whether or not they are members of MAP.

Further registration information may be obtained by writing to the Michi-

gan Association of the Professions, 120 West Saginaw Street, East Lansing, Michigan.

Metropolitan Detroit Asphalt Seminar

The Engineering Society of Detroit Rackham Memorial Building has been selected as the location for the first Metropolitan Detroit Asphalt Seminar, scheduled for Wednesday evening, March 2, 1966.

The Asphalt Institute in cooperation with the Detroit Chapter of the American Institute of Architects, the Detroit Chapter of the Construction Specifications Institute, the Detroit Chapter of the American Society of Civil Engineers, Wayne State University and University of Detroit is holding a seminar on asphalt-pointed to the interests of Architects, Consulting Engineers and builders.

Objective of the seminar is to present the latest knowledge and technology applicable to the design, composition and construction of asphalt paving, and to offer the opportunity for a free interchange of ideas among those in attendance.

Plans and the program for the seminar have been coordinated by a committee comprised of a representative from A.I.A., C.S.I., A.S.C.E., Wayne State University, University of Detroit and the Asphalt Institute.

The Asphalt Institute, first organized as the Asphalt Association in 1919 and reorganized in 1929, is an international, nonprofit association of about 60 member companies that refine asphalt products from crude petroleum. The Institute is recognized the world over as the asphalt industry spokesman and engineering authority serving both users and producers of asphaltic materials through programs of engineering service, research and education.

Flynn to Address DC-IES

Guest speaker for the February 16 meeting of the Detroit Chapter will be John Flynn, AIA, of Cleveland.

Mr. Flynn has been staff architect for the Advanced Application Development Group, General Electric Lamp Division, Nela Park, for nine years. In this capacity he specialized in long-

range trends in architectural lighting.

As lighting consultant on special assignment he worked on the General Motors "Futurama," U.S. Steel's Unisphere and the General Electric "Progressland" at the 1964 New York Worlds Fair.

In private practice since 1964, he is a lecturer and author of articles and technical papers on architectural lighting and co-ordinated system planning; co-author of the book *Architectural Lighting Graphics* published by Reinhold; now re-writing the I.E.S. Handbook section on Light and Architecture for the 1966 revision and presently a contributing editor of *Lighting Magazine*.



John Flynn, AIA

He has been a regular lecturer on architectural lighting at the Yale University School of Art and Architecture in 1965 and is now lecturing at the College of Architecture and Design, University of Michigan.

Mr. Flynn was awarded the Brunner Scholarship Award in 1965 by the Architectural League of New York for the study of the architectural significance of electrical and mechanical environmental systems.

The meeting will be held Wednesday, February 16 at Stouffers Northland, top floor. Cocktails at 6:00 PM, dinner at 7:00 and the meeting will begin at 8:00 PM. Those not wishing to attend the dinner may join the group at 8:00 o'clock for the meeting only. Members of the Illuminating Engineering Society are invited to join the Detroit Chapter members of the AIA for the entire evening.

Hammar skjold Returns

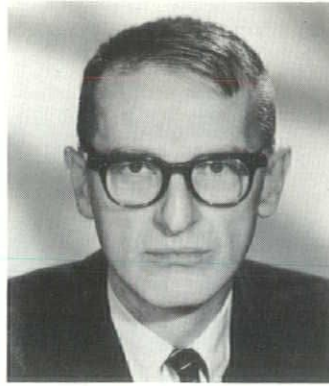
Edward Hammar skjold, AIA, who has spent the past three years setting up the Department of Architecture at the University of Nigeria in West Africa, has rejoined the Detroit firm of Eberle M. Smith Associates, Architects and Engineers, president Lyndon Welch announced.

Prior to his assignment as Michigan State University Advisor in Architecture at the University of Nigeria, Hammar skjold served periodically as visiting critic and visiting lecturer at the University of Michigan, Ann Arbor.

During the period 1952-1956 he was Instructor in Architecture at the University of Michigan. From 1950 to 1953 he was engaged in architectural research at the University; from 1956 to 1963 he was principally engaged in private professional architectural practice in Ann Arbor and in Detroit. It was at this time (1956-59) that he was with the Eberle M. Smith firm.

In 1961 he had two separate assignments in Africa as a consultant to the United States State Department: in Ethiopia to advise on the Haille Selassie I University in Addis Ababa; in Nigeria to advise on 22 building projects for Nigeria.

In 1959 he was awarded, in collaboration, the selection of archi-



Edward Hammar skjold

tion, second prize in the International tects for the Middle East Technical University in Ankara, Turkey, and in 1950 he was awarded third prize in a home design competition. He was awarded the George G. Booth Traveling Fellowship in Architecture in 1953 to study building research activity in Europe; in 1955 he was awarded a grant to conduct additional research in Europe and in the United States.

New Offices For Lamb

Jack I. Lamb, AIA, announces the re-establishment of his practice in the Oakland County area with the opening of his office at 250 S. Telegraph

Road, Pontiac, Michigan. Also announced is the appointment of Mr. Daniel Steinert to the firm as an associate.

Mr. Lamb is a member of the American Institute of Architects, Detroit Chapter, the Michigan Society of Architects and the Construction Specifications Institute. Recently he was Chief Architect with the firm of Charles M. Valentine, Inc. in Marysville, Michigan and a principal in the firm of Denyes, Lamb and Pearson, Associates in Pontiac, Michigan. His experience ranges from schools, banks and institutional buildings to municipal buildings and industrial complexes.

Mr. Dan Steinert will function within the firm as the Associate in charge of Design. Mr. Steinert comes from Marysville, Michigan where he was Chief Designer with Charles M. Valentine, Associates. His experience includes churches as well as institutional buildings and commercial structures.

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March 16-17

Statler-Hilton

Detroit

12 APRILS

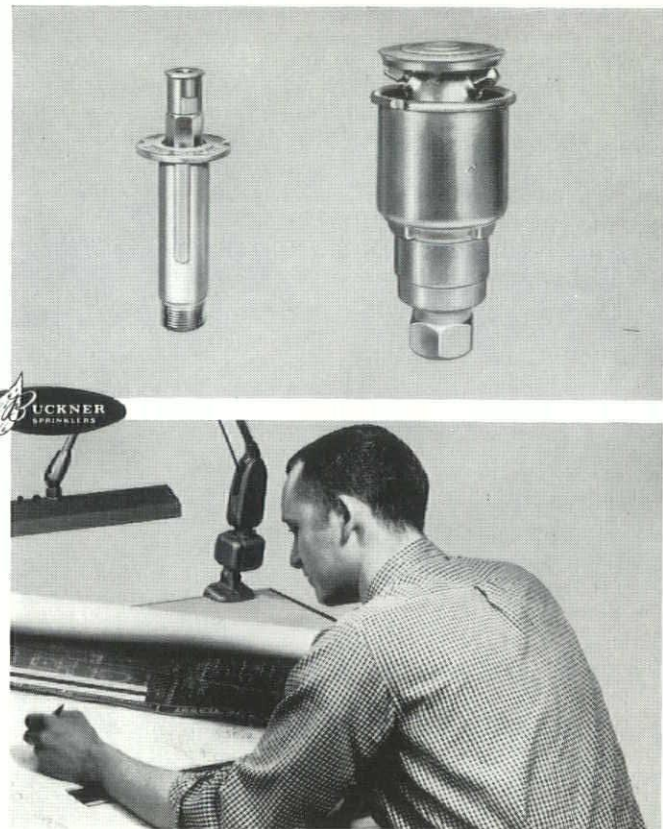
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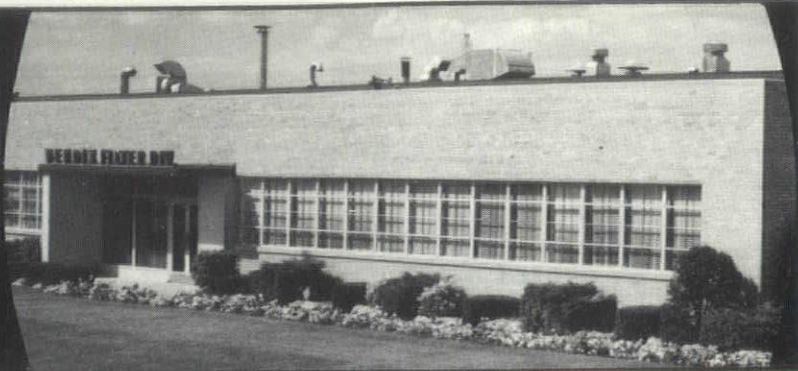
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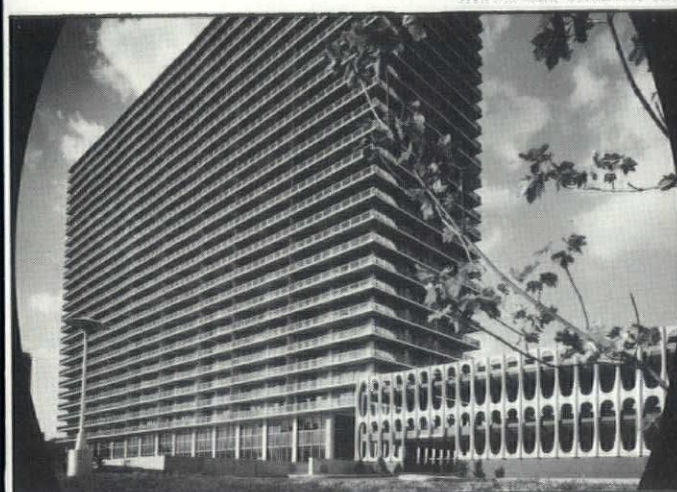
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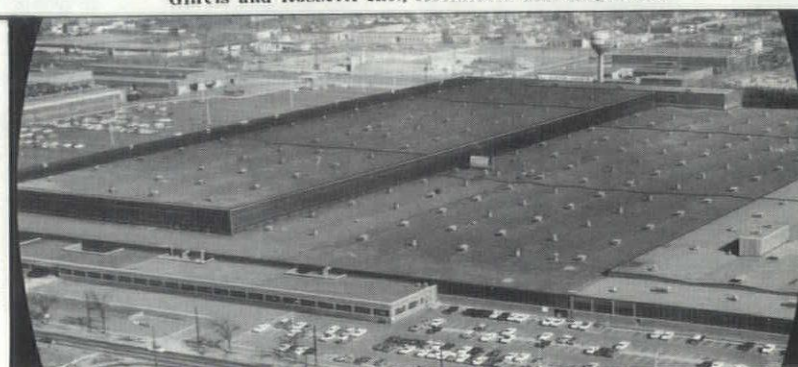


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Recent work by Giffels & Rossetti, Inc.

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Louis Rossetti, F.A.I.A., and at the right Gino Rossetti, A.I.A. In addition to his serving as the Detroit Chapter's president this year, Mr. Rossetti is a member of the National A.I.A. Committee on Government Liaison. Gino Rossetti, G & R's chief architectural designer is serving as publicity chairman for the annual MSA convention to be held next month, and is co-chairman of the Civic Design Committee for the Detroit Chapter. For the Institute, he is on the Industrial Design Committee.



Louis Rossetti reviewing with other members of G & R management a proposed highrise project. Seated from left are A. M. Entenman, vice president (project direction); C. A. Giffels, president; and at Mr. Rossetti's immediate right, M. M. Bush, executive vice president; B. Giffels, vice president (treasurer); and S. A. Littman, vice president (engineering).

Giffels & Rossetti, Inc. is in its 41st year of providing a complete architect-engineer service. The organization has maintained its home office in the Marquette Building since 1926. Presently, approximately 100,000 sq. ft. of design space are occupied.

The firm has projects in 24 States covering a wide variety of facilities. Two major projects, one on the East coast and in the West, include a new window glass plant for Pittsburgh Plate Glass Company in Fresno, California, and NASA's Electronic Research Center in Cambridge, Massachusetts, on which G & R is a joint venturer. The assignments depicted on these pages are representative of the work developed by the organization's home office staff of 675.

For its design, G & R has won many awards from the American Institute of Architects (the national body and chapters) leading technical publications and societies, both in the United States and overseas. This month, their design of a classroom building at St. John Fisher College, Rochester, New York, was exhibited at the annual con-

vention of the American Association of School Administrators.

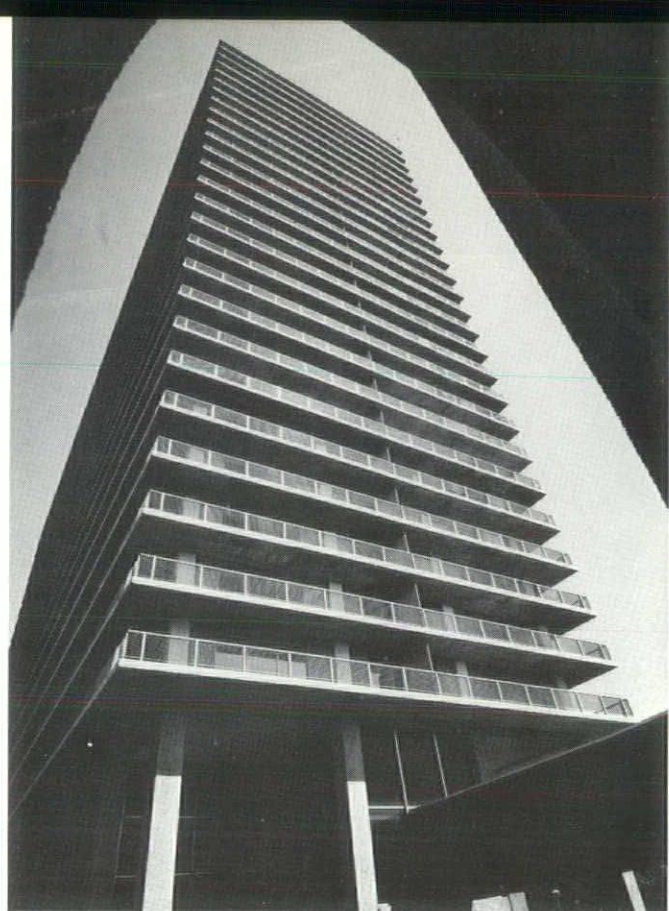
Since 1950, G & R's affiliate in Canada, Giffels Associates Limited, has ranked among the top A-E firms in the country by both size of staff and volume of work. In 1963, G & R established a Mexican operation that bears the name Giffels, Rossetti, Adam, Aguado, S.A., and the combined firm's first project was a new complex for Ford Motor Company at Cuautitlan, Mexico, consisting of an engine plant, foundry and laboratory facilities.

In 1965, another affiliate company was formed with Buchan Laird & Buchan Pty., Ltd. architects and engineers who maintain offices in Melbourne, Sydney, Canberra, Geelong and Brisbane. This company is known as Buchan Laird Giffels Rossetti, Pty., Ltd.

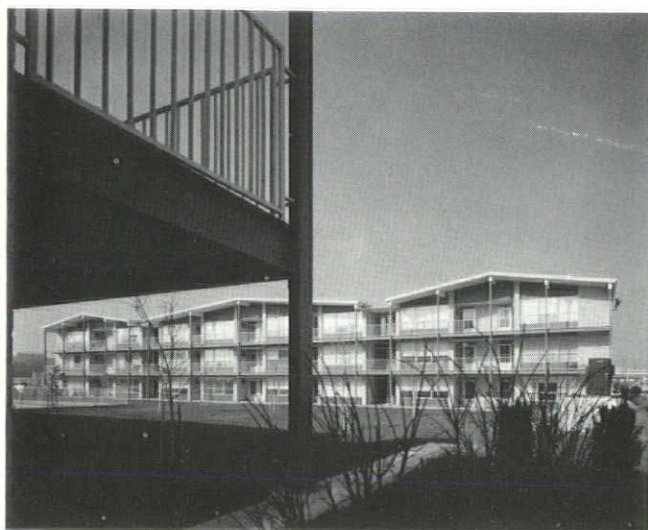
It is anticipated that the cumulative workload of G & R-Detroit and its affiliated firms will total approximately \$390 million in 1966, performed by an overall staff of 1085 architects and engineers, for the world-wide development of commercial, industrial, institutional and governmental assignments.



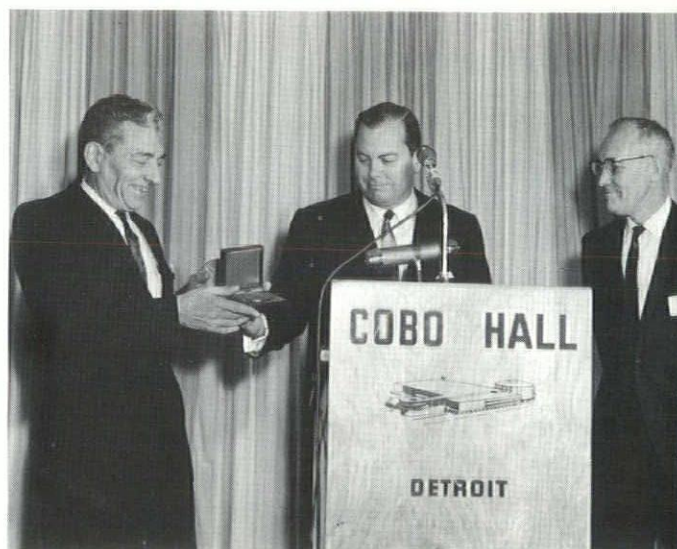
G&R architectural design department.



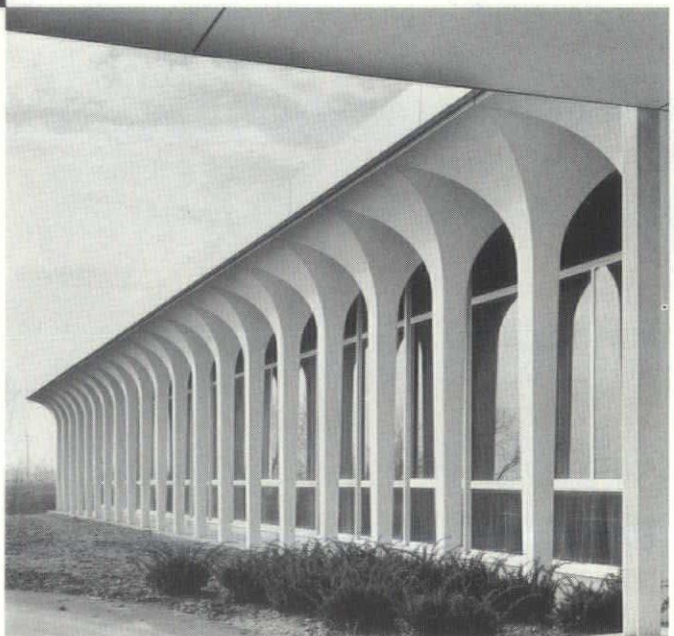
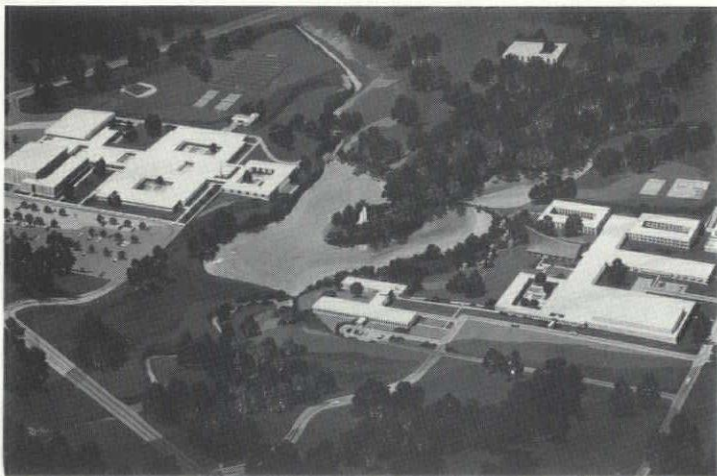
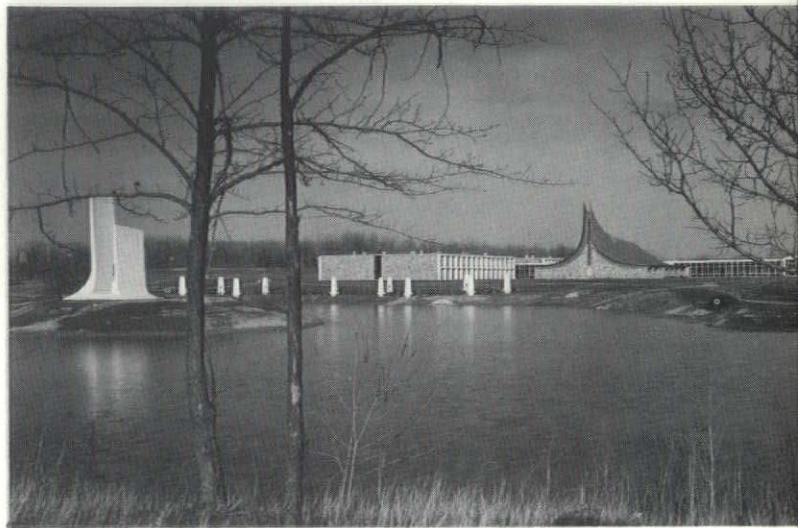
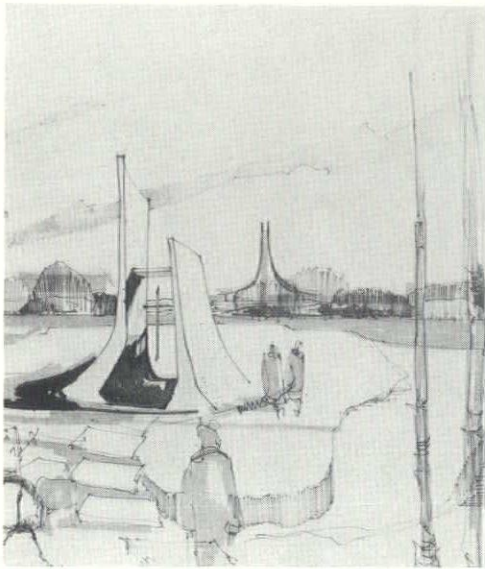
Mr. Arthur Fleischman's 30-story, 417-unit Jeffersonian apartment on Detroit's near eastside, overlooking the Detroit River and Memorial Park.



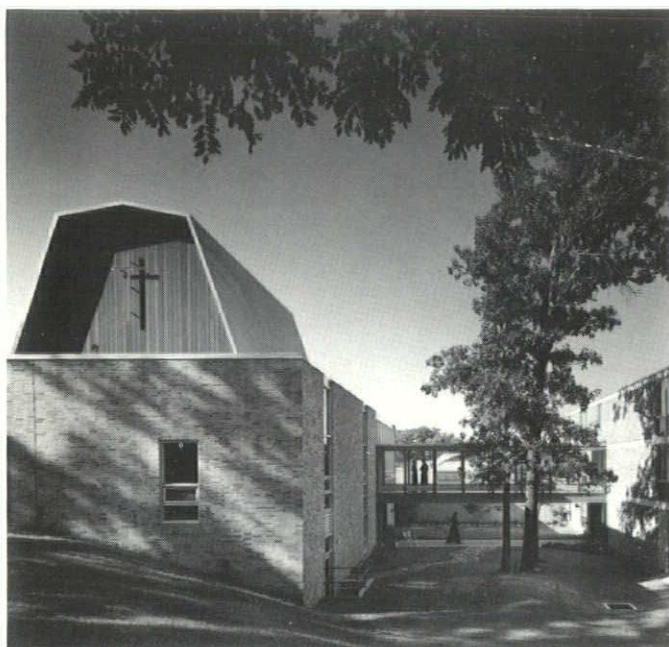
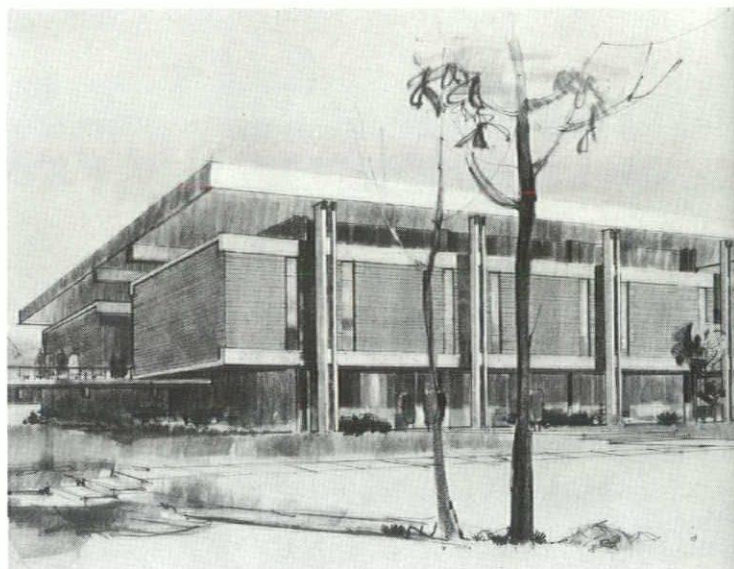
Central Park Plaza complex in Detroit's Lafayette Park consisting of four low-rise units with a total of 92 apartments.



Mayor Jerome P. Cavanagh presenting Louis Rossetti and C. A. Giffels the City's medallion at the 40th anniversary dinner-dance given for the employees last October.



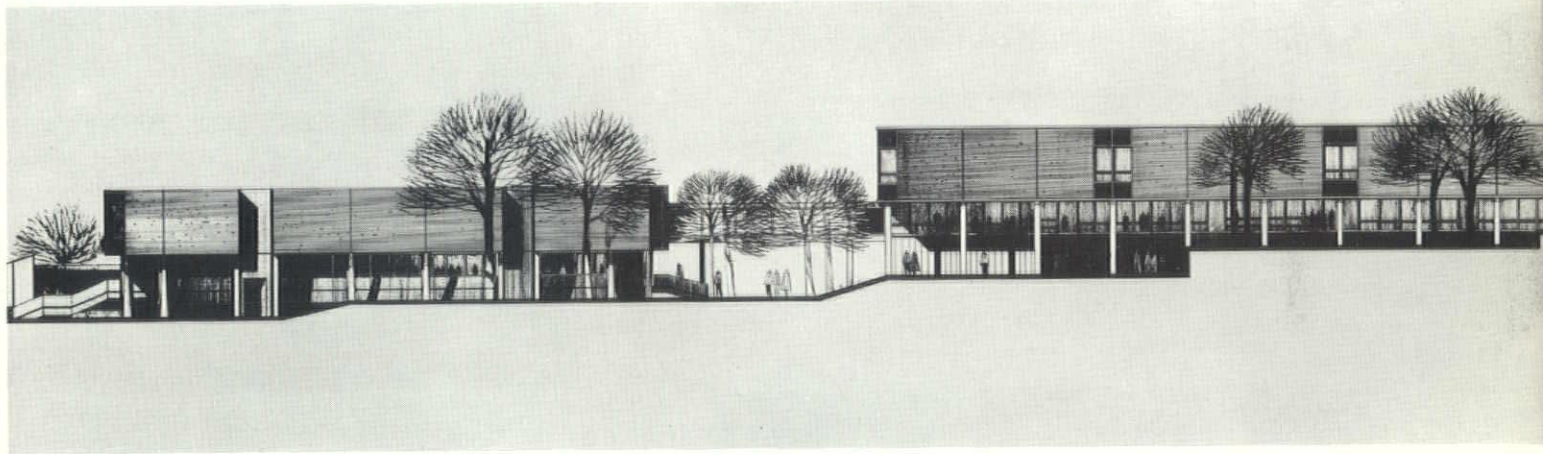
Photographs on this page are of the \$14 million new home for educating—the Detroit Province, Sisters of Mercy. Upper left is the design concept of the shrine, shown in the picture at the right along with the main chapel and the novitiate. Perspective above is of the overall campus depicting the high school complex at the left, the provincialate in the center foreground, and the novitiate and chapel structures at the right. At the right is a detail of the provincialate.



G & R is master planning and has completed the design of four units for an ultimate 1400-student campus for St. John Fisher College, Rochester, New York. Photograph at the top of the St. Basil classroom structure; the rendering is of the proposed student union, now in preliminary design. Photo at the left shows a portion of the House of Studies.



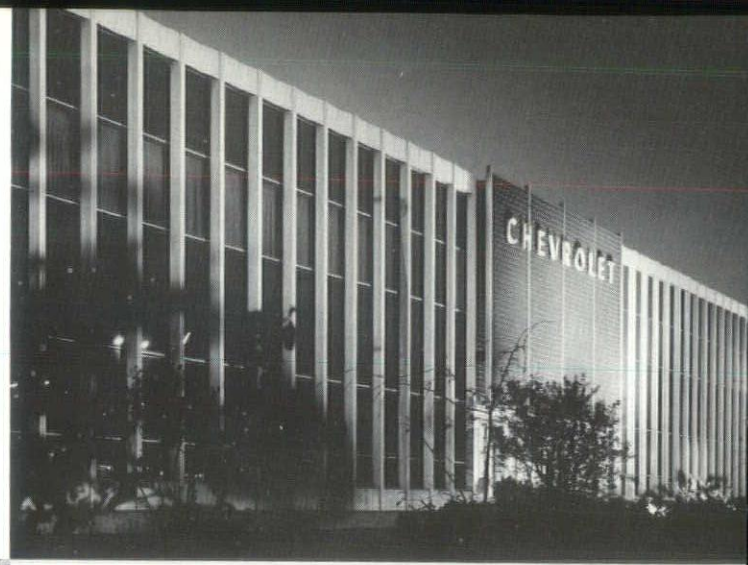
Athletic Center at St. John Fisher College.



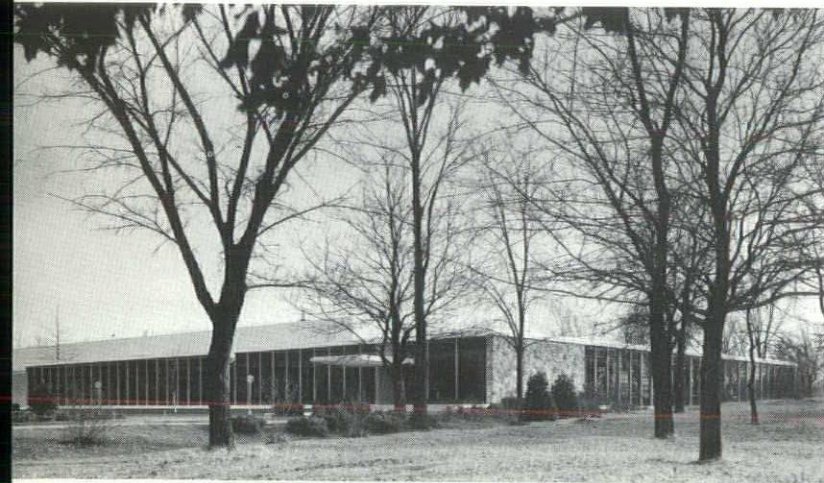
Definitives are now being prepared for this science building, also for St. John Fisher College.

200-student dormitory for St. John Fisher College. An addition to this unit is under construction.

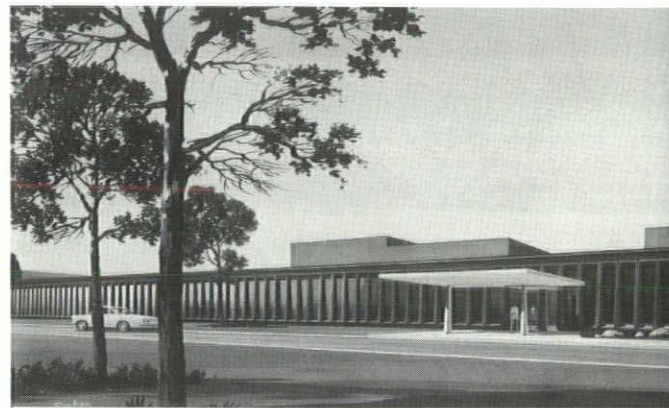




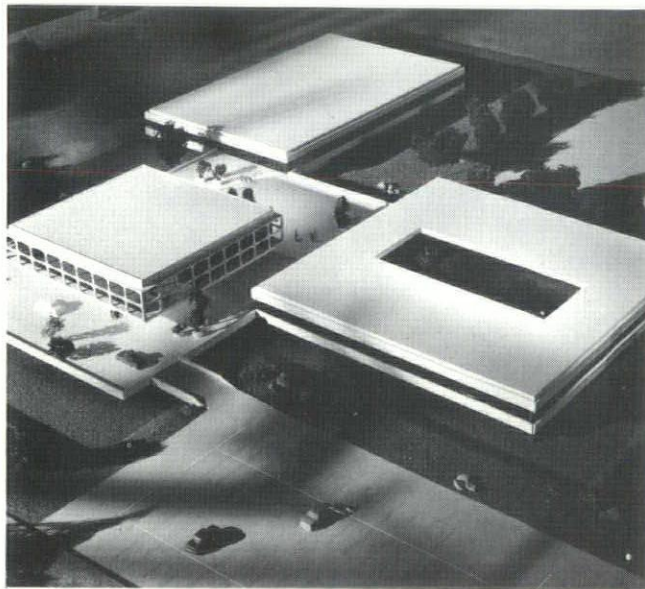
New administrative headquarters for the Detroit Gear and Axle plant of Chevrolet.



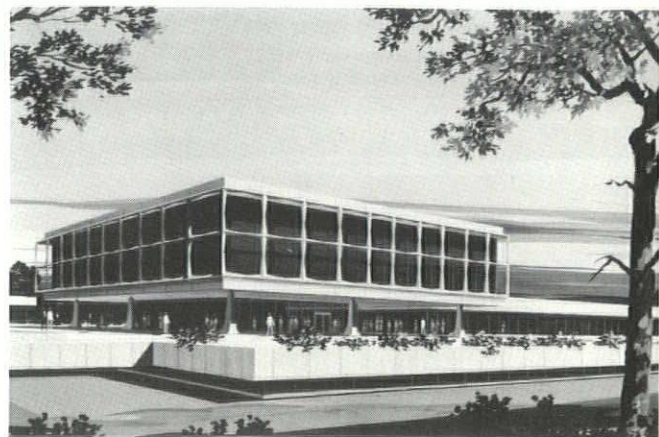
Research Center — Kendall Company, Barrington, Illinois.



Design concept of the administration building for Chevrolet's nodular iron foundry now under construction in Saginaw, Michigan. The project will have a gross area of more than one million square feet.

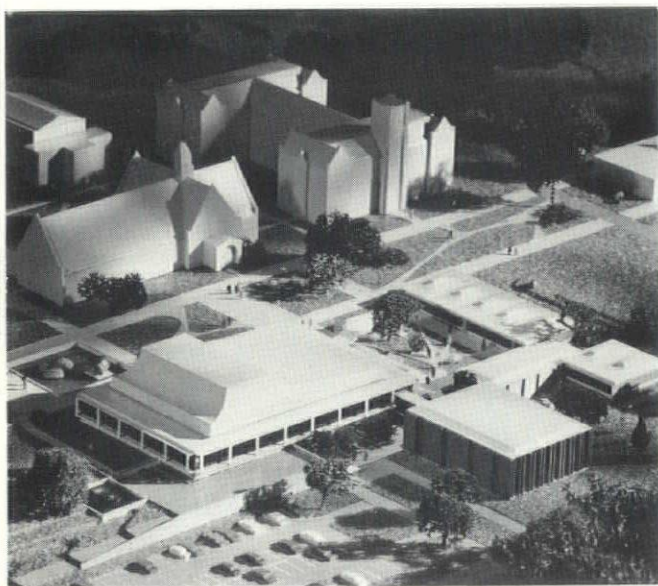


Now under construction, scheduled for occupancy this Spring, is the new corporate and division office for Federal-Mogul Corporation in Southfield, Michigan. A second division office wing shown in the background of the model is proposed for future development.

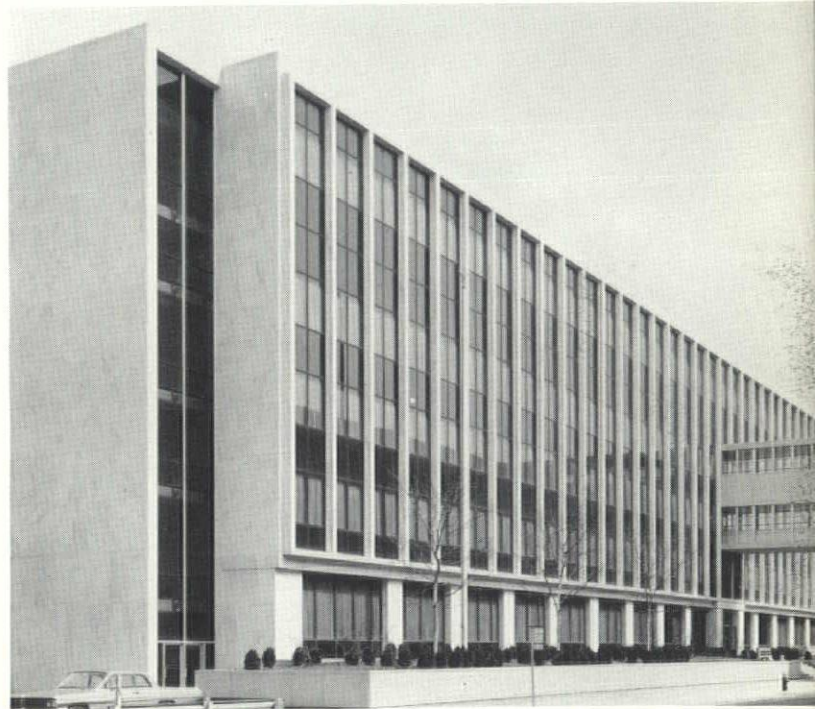




Administration building for the University of Windsor designed by G&R's Canadian affiliate, Giffels Associates Limited.



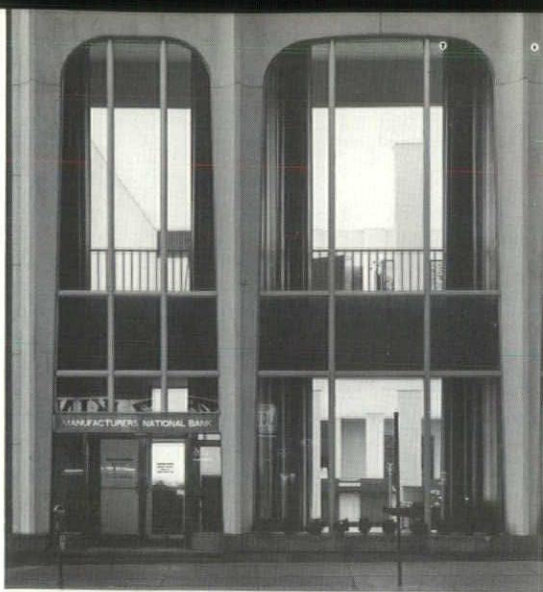
Master plan of Nazareth College campus expansion at Rochester, New York. The initial unit now in design is a Fine Arts structure.



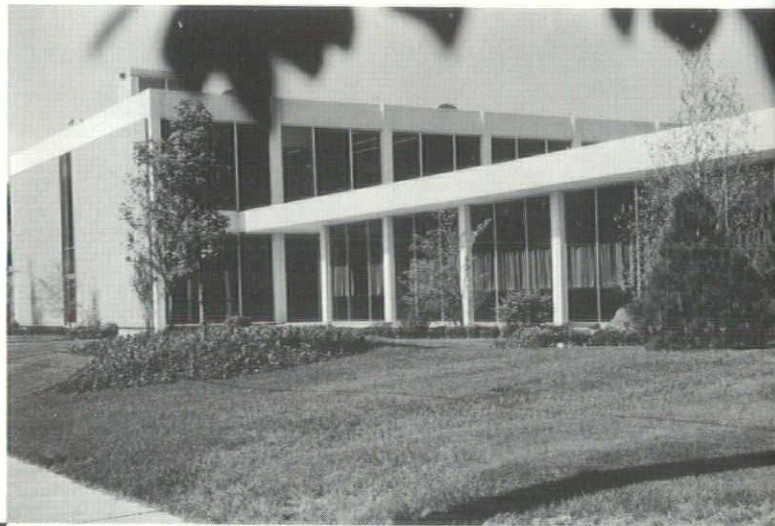
Cadillac Motor Car Division's headquarters that was refurbished throughout its interior and a new facade provided.



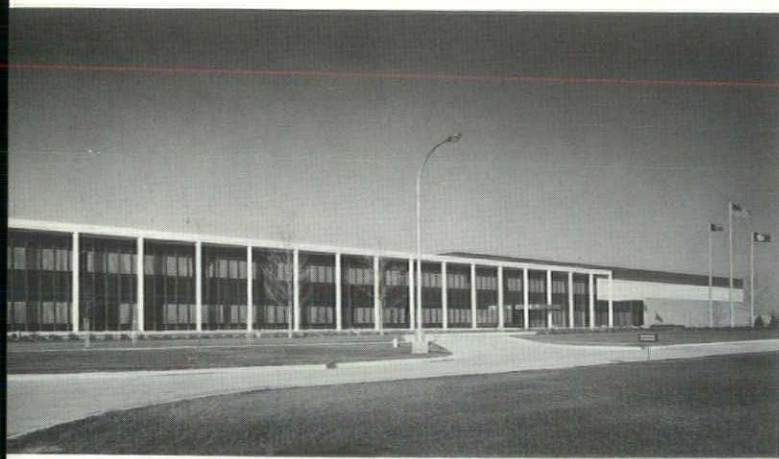
Design concept of the Fine Arts building for Nazareth College.



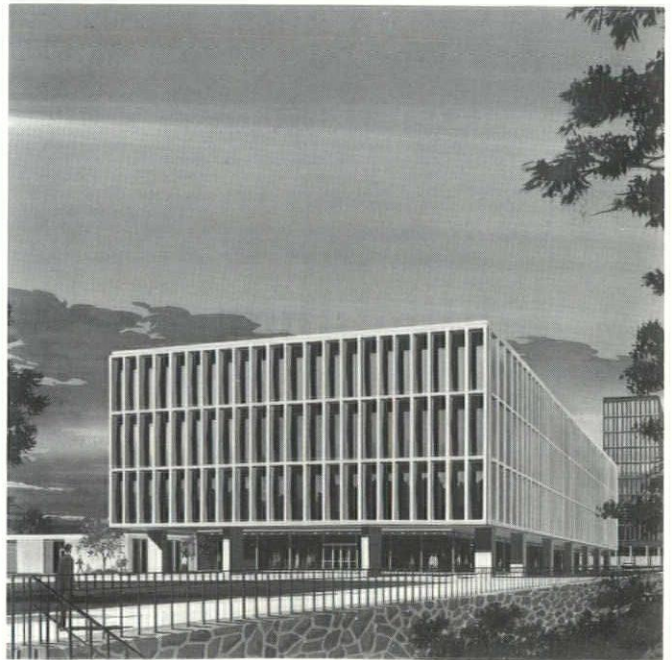
One of three branch banks designed for the Manufacturers National Bank of Detroit. This project is located in the Central Business District.



Cleveland testing and administrative center for the Coatings and Resins Division of Pittsburgh Plate Glass Company.



Administration building for Chrysler Corporation's recently occupied 2.7 million sq. ft stamping plant located in Sterling Township, Michigan.



Justice Building, one unit of the City of Grand Rapids Civic Center. G&R is serving the City as design consultant for a complex of structures. Services provided by G&R cover master planning, design concepts and definitives. Architect for the Justice Building is Roger Allen and Associates of Grand Rapids.

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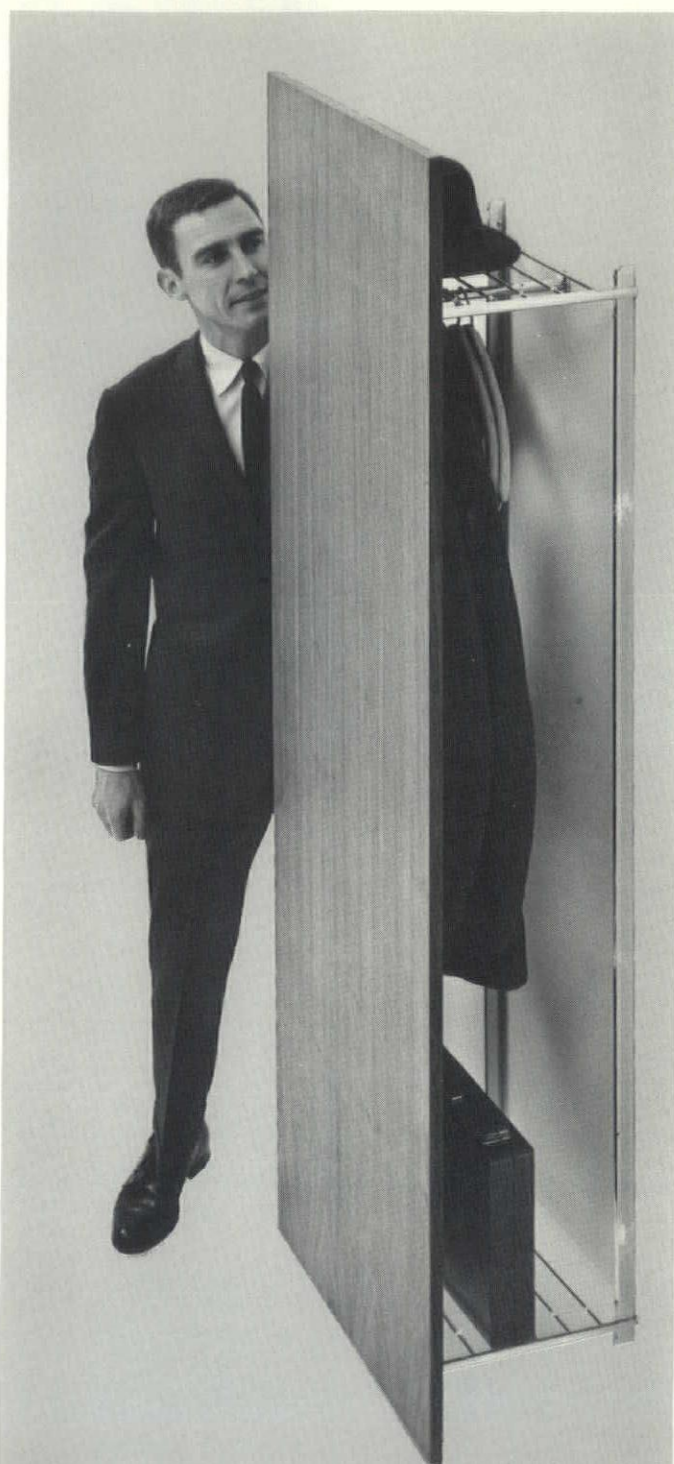
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The Materials Explosion and Its Implications

Harold J. Rosen

The "Materials Explosion" is a vital concern to everyone involved in the building industry. At the January 20th joint DC-CSI dinner meeting, Harold J. Rosen, Chief of the Specification Department of the New York office of Skidmore, Owings & Merrill and author of the monthly column "Specifications Institute" for Progressive Architecture, spoke on the problems introduced by our changing material technology. Mr. Rosen presents proposals for education, information distribution and storage and material testing that are aimed at everyone involved in

the development and use of materials specifications. The value of good specification procedure and methods cannot be over estimated. Implementation of Mr. Rosen's suggestions would do a great deal to improve the quality of our present building practice. Such implementation would not be easy but the "Materials Explosion" represents enough of a threat to good building practice that we think it warrants your consideration. The complete text of Mr. Rosen's talk is included here.

It has been noted that the number of new building products and modifications to existing products that occur every year is such that a total of about 5 to 10 are introduced to the architect each day. This staggering number is sufficient to keep one man in each firm fully occupied in an endeavor to stay abreast of and be fully knowledgeable about these new developments.

This avalanche of new products is a result of our increasing technological know-how, and also a desire on the part of manufacturers to have the edge on their competitors by introducing something new and different that has no competition, at least for a limited time. A preponderance of these new products are the products of chemistry and this is precisely why many of our present-day architects, specification writers and manufacturers representatives have difficulty in comprehending their action and interreaction.

The implications inherent in this fantastic growth of new products which is being generated in geometric proportions and the apparent unfamiliarity of those involved by its production, selection, and installation poses a serious problem as to responsibility. Where do we go from here? What can we do about it?

I may not necessarily have the answers, but I believe that if we can point up the problem areas we can then tackle each of these and suggest solutions. So many times the definition of the problem leads to its own solution.

In a somewhat analogous situation it appears that in 1860 an English architect found that he was having difficulties with new materials and construction methods and in order to solve the problem he wrote a book entitled "Handbook of Specifications" for the enlightenment of architects and specification writers of his day. In the preface to his book he stated the problem and then went on to solve it by preparing the textbook to aid his fellow professionals.

He states "a revolution has been effected in various operations, that the professional man required a specification more in

accordance with the improvement of the age and the actual state of construction at the present time. The general employment of concrete—the enlarged introduction of iron—the use of glass—the more skillful combinations of timber construction and scaffolding, and in fact all operations of the builder, deserve greater variety of description."

In that author's time apparently, vast changes were taking place in the materials of construction as we can see from the foregoing and it was necessary to update specification writing then to include these new materials and methods of construction.

He felt that by writing this textbook he could furnish the necessary information to his colleagues so that they would become more conversant with these changed conditions.

What seems to be our basic problem? I believe that the fundamental training at the college level for architects and engineers does not prepare those of us who select materials in a better understanding of these materials. I am also of the opinion that many manufacturers representatives likewise do not have the necessary materials engineering background that enables them to properly inform architects and specification writers about their products. At the contractor level, those responsible for installation of these new products need more qualified people on their staffs to insure more familiarity with our man-made products and their proper installation.

Yesterday's architect and specification writer prepared specifications around designs that utilized natural materials such as wood and quarried stone, or around such basic man-made materials as brick, concrete and steel. For all of the foregoing traditional building materials the specification writer required very little background in the physical and chemical sciences or properties of materials in order to understand and specify these materials correctly.

However, since World War II we find that radical change has taken place in the materials of construction. The chemical

industry has taken their raw materials and fashioned end products out of them that are utilized in countless building products. We find chemicals in flooring products such as vinyl tile, urethane finishes, epoxy terrazzo and neoprene composition floors. In the sealant field we have polysulfides, urethanes, acrylics, neoprenes, silicones and butyl rubbers, and to compound our lack of knowledge here we now have sealants based on combinations of these materials. In the roofing field we have neoprenes, hypalons, butyl rubbers, polyvinyl chloride and polyisobutylene. In paints we find that linseed oil and white lead are prehistoric materials that have been supplanted by latices of butadiene-styrene, vinyl, and acrylics, and by sophisticated coatings such as epoxys, polyurethanes, and polyesters. The list of building products today using products of chemistry is legion.

In the field of metallurgy we find new steel alloys, new aluminum alloys and electrolytic processes for finishes on aluminum alloys.

We are now engaged in utilizing these new products in our designs and details and find that many of our present-day specification writers are completely unfamiliar with these materials as to their action and interaction simply because they do not possess the fundamental educational background in chemistry, metallurgy and materials testing.

Specifications play a very important role as one of our contract documents. It is the vehicle through which the designer's concepts and the draftsman's details are translated into instructions to a contractor in the construction of a building. But who is responsible for writing these specifications?

In the small office, specifications are written by the architect who is doing his own work or by the same individual who is making the working drawings. In the larger architectural firms the specifications are written by someone who devotes his full time to this function or by a department consisting of several people who presumably are proficient in writing specifications. In any case, in writing specifications around these new materials, we would expect that these people should have the proper back-

ground in order to select and specify them intelligently. However, we find that in many cases, fate, accident or circumstance has intervened to place the responsibility of writing specifications upon an individual who is not otherwise qualified to write specifications.

Today's specification writer should be an individual who in his university curriculum must be taught the science of building materials, chemistry, metallurgy and laboratory testing procedures so that he can comprehend and cope with man-made materials. For those practicing specification writers who do not possess this background we must upgrade his talents through local CSI chapter programs, through producer council programs and through jointly sponsored programs at universities as is currently being practiced at the University of Wisconsin.

For tomorrow's specification writers we must see to it that our colleges and universities institute new required courses in materials engineering, in chemistry, in laboratory testing procedures. Today's curriculum for the future specification writer is woefully inadequate in these areas. It is our responsibility as professionals to alert our counterparts in the schools as to the needs and demands of our changing building technology so that they can train and prepare the student for these new responsibilities.

Now how about the other member of the team that is involved with supplying information to the architect and the specification writer in the preparation of specifications about new products. I am concerned with the background and the abilities of the architectural representative of the building materials manufacturer.

The architectural representative whom I would prefer to do business with should in some instances be an architect, or an engineer, or an individual having a knowledge of building construction in general and expert knowledge in the product he represents. While he needs but a limited talent in the overall building picture he should have a basic and full understanding of the material or product he sells; its criteria, relative quality and installation methods and he should be aware of

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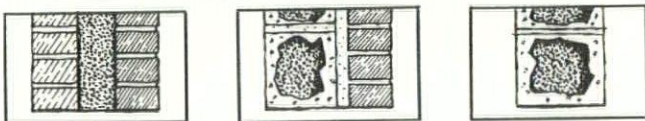
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where his materials should not be used. I would add right here that an architectural representative, besides being expert in the product he represents, should in addition be knowledgeable about the contiguous assemblies of building construction to which his product is generally married. For example, the man who represents a glass manufacturer should be informed about sealants and the coefficients of expansion of various metallic frames with which his products are always used. The representative of a flooring manufacturer should know the limitation of sub-floors such as concrete, fills and wood with which his product is generally mated and with the effects of radiant heating in slabs on his product.

What can the architectural representative do in order to establish a better liaison between himself and the specifier. The building product representative in selling architects and engineers will get the best results when he speaks their language, fully understands their professional points of view and skillfully matches the benefits of his product to their working needs. He can increase his own familiarity and working knowledge of his product if he prepares himself as follows:

1. Study your product, forward and backward from every possible angle. Go out to the job site and study its installation problems and abuses in the field. Be prepared to answer the specifier on any conceivable question concerning your product.
2. Go back to your plant and see how the product is manufactured. Learn more about the quality controls imposed during manufacture. The plant chemist knows little about construction practices. Let him know what your product is up against in the field so that improvements can be made to offset field conditions.
3. Learn about your product limitations—where it should not be used—where special precautions are required. Limitations do not imply that your product will not be specified. We do not have universal products that answer every problem. If we know the limitations we may be able to design around them.
4. Know your competitor's product, not for the purpose of knocking it but to point out where yours excels his. You may find that you will have to improve your own but that is to the good.

When an architectural representative introduces a new product to the architect or specifier he should be in a position to provide the following information concerning his product.

1. What is the basic composition and physical characteristics?
2. What will it do, supported by test data?
3. What are its limitation of use or incorrect application or incompatibility with other materials?
4. What are its recommended uses?
5. How long has it been on the market, where has it been used and names of its users?
6. Why should it be used in preference to other materials?

The introduction of product information through manufacturer's literature also requires considerable improvement. Let's get into the problem of manufacturer's literature. How does the manufacturer reach the architect and specifier through his literature on his new product? Is he speaking the architect's language. Is he communicating properly?

There is no question but that extravagant advertising is a successful medium for the promotion of building materials and equipment to the ultimate consumer. But when product literature is directed to the attention of architects and engineers to acquaint them with the advantages of manufacturers' building materials and equipment, this should be prepared in a professional manner for presentation of the information contained therein. Glowing adjectives and unrelated color photography might be suitable for literature designed for women's magazines and the do-it-yourself cult; however, this type of expensive literature is destined for the architect's waste-paper basket.

Literature designed to be sent to architects, engineers, and specification writers should be concise, containing no more information than is necessary to apprise these people of the qualities, characteristics, and performance standards of the particular building material or piece of equipment that the manufacturer is presenting. A pretty picture illustrating the material may sell a housewife or an unknowledgeable client, and it may serve its purpose by bringing a message to the architect's attention.

However, it is meaningless to the architect unless it contains the necessary information that can be transposed to drawings and specifications.

In many instances, the manufacturer's literature will be the only source of information available to an architect or engineer for his consideration. His place of business may be far removed from territory covered by the manufacturer's representative or his sales engineer. If the architect decides to use the material or equipment, he will be limited in his detailing and describing the material to the extent that it is detailed or described in the product literature. For this reason alone, the manufacturer's literature should contain the vital information necessary for the complete integration of the product into the design and the specification.

Insofar as specifications are concerned, it is of utmost importance to manufacturers that when they prepare specifications for a product to be incorporated in their literature, that this be fully descriptive. This will permit the architect to reject the submission of substitute materials during the construction phase, if these do not fully measure up to the material specified.

In addition, it is essential that the manufacturer's specifications clearly indicate the various and/or optional items that are available from the manufacturer. If these are not clearly defined, an architect may assume that a certain feature is standard equipment and can be expected under a base bid, and is not optional, requiring additional cost.

Manufacturers spend considerable time and money in developing their products. In order to get their story across to architects and engineers so that these people will use their products, it is essential that the literature they compose, directed to the architect and engineer, be concise, clear and descriptive. To accomplish this, it might be advisable for the manufacturer to enlist the aid of professional specification writers in preparing or editing his literature. You might examine Weyerhaeuser's new literature that has been prepared by Don Paine of Seattle, Washington, a free lance specification writer and a member of CSI. This has been prepared around CSI's new spec data sheets criteria which is a new medium of communication between the manufacturer and the architect.

I believe that many of you are now acquainted with this new device for transmitting information to the architect. It is a new type of literature that has been developed and approved by CSI and the producer's council and will very shortly be made available to the manufacturer.

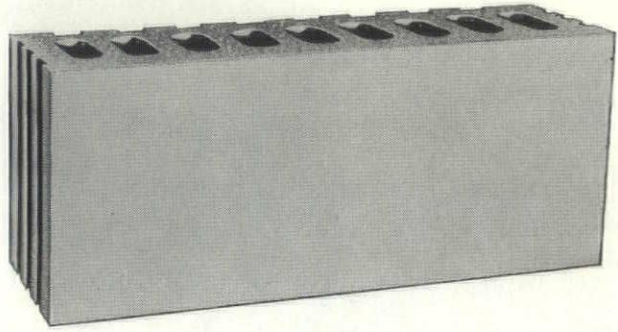
The construction specifications institute and the producers council have jointly evolved a specifications-data sheet that presents purely technical information about building products in a concise, consistent format. The "spec-data sheets" as they are termed, are intended for the specifier and as such will eliminate non-technical, promotional information which has little value for the technician.

This new format for the presentation of technical information will permit architectural and engineering specifiers to compare competing products more readily, since the information contained in the spec-data sheets will be presented in the same organized manner. Technical data and test results would be referenced to the same standards and test procedures, so that the specifier will not be burdened with attempting to reduce varying test results to the same common denominator.

The manufacturer would be in a position to present, and the specifier would readily be able to find, the specific technical data essential to the writing of specifications for building products and equipment. This concept will be a boon to the manufacturer, inasmuch as he is constantly striving to find the proper means of communication with the specifier. He will now be able to take the criteria established for the spec-data sheet, prepare the required information on a product he manufactures, have the proposed spec-data sheet reviewed by members of a CSI committee, and upon final approval issue it as a spec-data sheet.

Since the spec-data sheets may carry the stamp of approval of CSI, it is my opinion that specifiers will, in time be more prone to specify products described in spec-data sheets. In addition, they will be assured that the information contained therein has been assessed by qualified, competent architects and engineers.

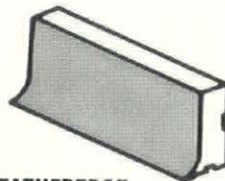
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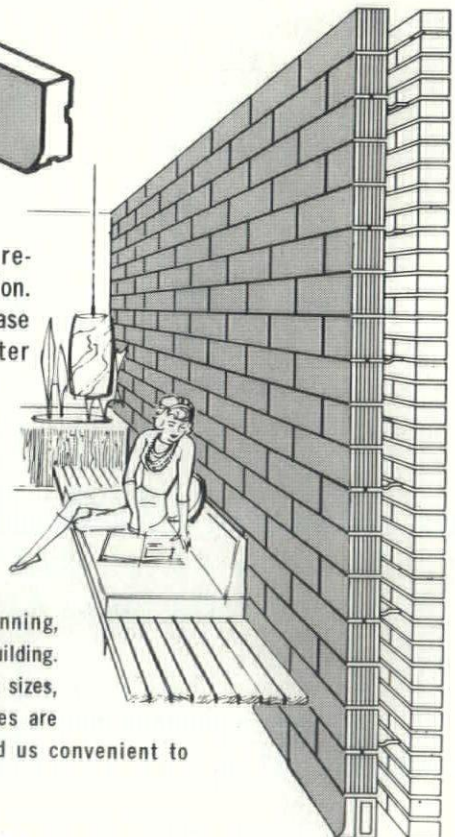


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The sheer volume of existing products and new products has put a very large burden on architects and specification writers insofar as their ability is concerned to remember them all. The number of products has likewise outstripped our filing cases and present methods of finding information.

Those of you who were present at the joint meeting of the Detroit Chapter of AIA and the Michigan Society of Architects in May of 1965 have already been exposed to my recommendations concerning the use of computers for specification writing. However, for those of you who were not present and to refresh the memory of those of you who were there, allow me to review this one aspect of information retrieval that is so essential in keeping abreast of this mounting volume of product information.

Each bit of information on existing and new products will be encoded in a computer. As a matter of fact, the information on a spec-data sheet would be the ideal material to store in the computer. If we were looking for information on roof insulation, we would single out certain criteria that was necessary for a particular project, the K factor, the moisture absorption, the compressive strength, the vapor permeability, its ability to span flutes in a metal deck and any other physical data that was pertinent. Assume that for a single project you need a roof insulation over a metal deck with 3" wide flutes. You want a C factor of .20, a compressive strength to withstand foot traffic and a low vapor permeability. You put this information into a computer and in short order your answer comes back and you may have several materials that will satisfy this requirement. There is no need to go to the usual manufacturer's literature and do the necessary research on two dozen or more roof insulations available which might take some time to accomplish. This same sort of information retrieval would be applicable for most products known to us today.

The present lack of complete familiarity with man-made materials has led to many failures and in turn to many law suits involving architects. These law suits against architects stem in large measure from use of materials and techniques which do not perform as expected or as represented.

In the January 1965 issue of Architectural and Engineering News, Norman Kruckow of the N.Y. Chapter of CSI recommends that an impartial construction materials evaluation service be established to investigate and evaluate materials and techniques for the architectural profession. He finds that failures have occurred even though the architect followed the manufacturer's literature and investigated claims set forth by the manufacturer. Essentially, this construction materials evaluation service would be completely independent of manufacturers, contractors and the architectural and engineering profession both financially and in execution of its policies and functions. Its goal would be to investigate and certify building products and their applications. Such a system it is hoped would relieve the architect of the need to carry out individual investigations and it would provide him with the value judgments made by a group of qualified professionals. The courts would then have a standard of quality to rely on in judging the merits of suits for malpractice.

Public subsidies have supported basic research programs in agriculture, medicines and industry which have contributed to a better understanding and solution of the problems involved. However, the science of building technology has lagged because no systematic investigation has ever been undertaken in this field on a scientific basis.

The N.Y. Chapter of CSI is recommending to the National CSI that the subject of a construction materials evaluation service be further investigated.

We come now to an area that is largely the domain of lawyers and not the architects, and that is the assessment of who is responsible for a materials failure. Is it the architect who selects the material; the manufacturer who furnishes the material; or the contractor who installs the material?

I personally am more concerned with arriving at solutions that will prevent materials failures than I am with trying to fix responsibility once a failure has occurred.

We should recognize the fact that when an individual undertakes to practice architecture or engineering, he holds himself out as one skilled in his profession, with an adequate knowledge of the science of design and construction. He is expected

to exercise reasonable care, judgment and technical skill to see that the designs are properly accomplished and that the work is properly done. Courts have held architects liable when they selected and used a material with which they were not familiar and a failure occurred.

Insofar as the manufacturer is concerned the AIA policy statement on "building product development and uses" contains these concepts.

"The manufacturer should supply the architect with all essential data concerning his product including pertinent information which would involve its installation, use and maintenance."

"The manufacturer is expected to realize that he is responsible for the failure of the product to perform in accordance with written data supplied by him or his authorized representatives, as well as misrepresentations of such data."

The basic responsibility of a contractor is to substantially perform according to the plans and specifications set forth by the architect, and a contractor who has in fact performed substantially and built the building accordingly, would be absolved from any legal responsibility.

As architects and engineers we are prone to think that our judgment is infallible. I think it should be pointed out clearly and promptly that the contractor, the architect and the manufacturer enjoys no better nor worse relationship than anyone else who enters into a contractual relationship with another and a judgment in court will be resolved on the merits of a particular case regardless of representations by all concerned.

I would urge the following do's and don'ts in selecting materials as a general guide toward reducing the possibility of a failure and subsequent litigation.

Do be certain that the manufacturer knows how you plan to use his material or equipment in your designs.

Don't use a material unless you are familiar with it and know that it has been used successfully in other similar installations.

Don't rely on the manufacturer's statements and claims as the only basis for using the material.

Don't be the first to use a material or piece of equipment without the owner's knowledge and consent.

To sum up I would recommend these steps to help solve the problem of the materials explosion.

1. Our professional organizations such as AIA and CSI have a moral and practical obligation to raise the professional standings of its members, if not indeed a selfish one, which is to avoid law suits that result from professional negligence. This can be done by instituting required courses in the schools of architecture and engineering that will better prepare the student for his professional obligation in the selection of materials.

2. The most important vehicle for the attainment of increased proficiency of practicing specifiers is through the medium of extension courses at the university level. Programs designed for these people who desire to keep abreast of recent developments will provide opportunities to recall to mind long-forgotten training and principles since it brings together representatives of various industrial companies and those seeking to obtain additional knowledge by providing a forum for the exchange of information. AIA and CSI should help foster these programs.

3. Manufacturers should engage competent specification writers to help in the preparation of literature and the spec-data sheets so that this form of communication is more meaningful.

4. Manufacturers and contractors should be represented by people who have either an architectural or an engineering background or at the least a technical competency based upon schooling in a 2-year technical community college.

5. A study should be made to utilize the computer as an information retrieval system for our multitude of products.

6. The concept of a construction materials evaluation service should be investigated to determine whether this medium will enable us to solve basic problems in materials and their integration into components of a design.

There are those who yearn for the simple age of no new sealants, no new alloys, and no new mechanical equipment. But these new problems fostered by the materials explosion can become more manageable if properly organized through these recommendations.

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Nuclear Defense Design Institutes

Engineering, Architectural and City Planning faculty will have a choice of five Nuclear Defense Design Summer Institutes to be held during the summer of 1966. The Institutes will be held at the University of Hawaii, the University of Maine, Montana State University, North Carolina State Uni-

versity and the University of Colorado. The programs, jointly sponsored by the national Office of Civil Defense, the American Society for Engineering Education and the Association of Collegiate Schools of Architecture, will vary in length from four to six weeks, and are based on the latest research results in the field of Nuclear Defense Design. Selected teaching staffs will be augmented by guest lecturers in special areas.

The graduate level educational programs will be comprehensive and will prepare faculty to offer similar courses of instruction at their own institutions.

The programs primarily treat the architectural and engineering aspects of Nuclear Defense Design. Architectural and engineering faculty successfully completing the course will be awarded the Department of Defense, Office of Civil Defense Certificate of Proficiency and will be listed in the national directory of qualified Fallout Shelter Analysts. A stipend and travel allowance will be paid to qualified participants.

Faculty interested in attending any of these Institutes may obtain further information from the Projects Administrator, ASEE, 1346 Connecticut Avenue, NW, Washington, D.C. (202) 296-0520.. Queries about individual institutes should be directed to: Prof. Mateo L. P. Go, Dept. of Civil Engineering, Univ. of Hawaii, Honolulu 14, Hawaii; Prof. Gale K. Vetter, School of Architecture, Univ. of Colorado, Boulder, Colorado; Prof. Elmira Smyrl, School of Architecture, Montana State University, Bozeman, Montana; Prof. George Wadlin, Civil Engineering Dept., Univ. of Maine, Orono, Maine; Prof. Richard Jewett, Industrial Extension Service, North Carolina State University, Raleigh, North Carolina.

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Kretchmar to Guide Flint Commission

J. Lauren Kretchmar, AIA, past president of the Flint Area Chapter, has been elected president of the newly created Flint Beautification Commission.

The major responsibility of the commission will be to make recommendations to the City Commission on special beautification projects, public as well as private.

James E. Tomblinson, AIA, is a vice-



J. Lauren Kretchmar

president of the Commission in charge of the committee on natural preservation and development, and all architects in the Flint area are urged to contribute their time and effort to this commission.

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Tile Association Officers Elected

At the recent December meeting of the Detroit Ceramic Tile Contractors Association, Edward Servitto was elected President. Other officers chosen to serve under Mr. Servitto's administration are: Vice-president, Victor E. Barbieri; Treasurer, Leslie Page; and Secretary, John J. Bruny.

A. W. Dragen and Roy Bianchini were elected to serve as Directors for two years.

The out-going Association President, Al Rossi, will serve as Director-at-Large during the coming year.

In his acceptance speech, the new President pledged the efforts of his administration to the improvement of relations between the Detroit Ceramic Tile Contractors Association and architects, general contractors and owners by means of an educational program which will present modern installation methods, new designs and increased uses of ceramic tile.

Hawes Received Certificate

George S. Hawes, AIA, was presented a certificate of membership emeritus at the January dinner meeting of the Flint area Chapter.

Now in his seventy-fourth year, Mr. Hawes has been in private practice since 1928 and a member of the Ameri-



George S. Hawes, AIA

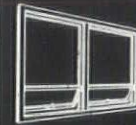
can Institute of Architects since 1944. Recently retired, he has many commercial buildings and residences in the Flint area to his credit.

The certificate was presented by Bob Gazall, member of the Board of Directors of the Flint Area Chapter, AIA.

Concrete Conference on High Rise Announced

The Portland Cement Association, The Concrete Improvement Board, and the Michigan Chapter of the American Concrete Institute are Spon-

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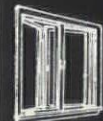
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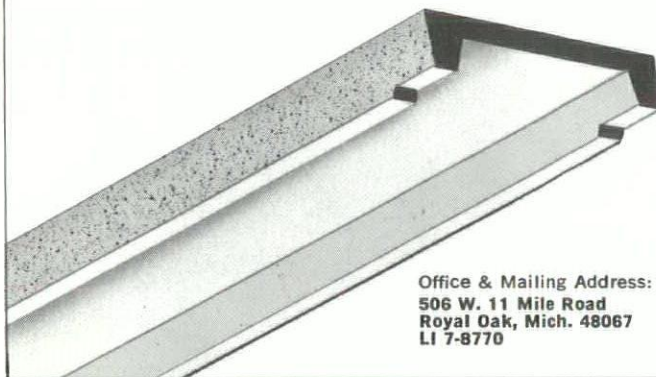
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sors of a conference to be held on high rise structures.

An organizing committee consisting of Alfred Zweig, Assistant Structural Engineer of Albert Kahn Associates, Victor Leibu, Chief Structural Engineer of Giffels & Rossetti and William C. Krell, Structural Engineer with the Portland Cement Association have announced the conference date to be Saturday, May 21, 1966 at the Student Union Building on the U of D Campus.

Among the subjects covered will be: 1) A comparative study of three framing schemes for a high rise building in Chicago by F. Kahn Structural Engineer with Skidmore, Owings & Merrill. 2) Design and construction of 330 foot hyperbolic cooling towers by Paul Rogers, Consulting Engineer. 3) Floyd Wieland, V.P. of Barton-Malow, will discuss some of the new construction techniques and equipment available for high rise construction. 4) C. Lewitt will present an introduction to matrix analysis with simplified application to multi-story structures.

The final program which will be released in approximately a month is expected to cover more in detail, slip-forming, economics of form design, precast in high rise structures and other subjects pertaining to reinforced concrete high rise structures.

Detroit on AIA Health Environment Committee

Samuel D. Popkin, assistant chief, architectural department, Albert Kahn Associated Architects and Engineers, is one of five nationally known architects appointed a full member of the American Institute of Architects' new Committee on Health Environment.

Purpose of the committee is to "provide leadership for the architectural profession in its relations with governmental and private organizations con-



Samuel D. Popkin

cerning the planning of medical facilities and the total health environment and in solving related functional,

technical, economic and aesthetic requirements."

Since joining the Kahn organization in 1945, Mr. Popkin has specialized in institutional and commercial buildings, and as a recognized authority on hospital design has served on state and local, as well as national, committees concerned with hospitals and health.

New Aluminum Products

Rogind-Parker, Inc. announces their new line of extruded aluminum enclosures, vertical louvers and interior, exterior screening grilles, manufactured by the Airflex Corporation of Champaign, Illinois.

Their newly established Architectural Sales Division is managed by Charles K. Sestok who has had many years of experience introducing new building products to the architectural trade.

A showing of these new Airflex architectural products is being held in the Showcase Building at 6320 John R Street, Detroit, Michigan on February 15, 16 and 17, 1966.

The new concept of aluminum extrusion for enclosures, louvers, and screening grilles provides for greater flexibility in design with finishes in keeping with decor: such as, satin, bronze, gold, black anodized, vinyl wood grain and baked enamel colors.

Their new heavy duty vertical louvers are appropriately desirable for effect to service a dual purpose of utility and design. A newly conceived three hook fin design is particularly effective in reducing by ten times the rain and snow infiltration to that of a horizontal louver. Because of the vast improvement in the weather proofing effectiveness of the Model VL louver over the other types of louvers available, they may be sized to the basis of higher air intake velocities, even up to fifty percent higher and still obtain better weather protection results.

Thus, air intake louvers should be sized for 400 feet face velocity with 600 feet as a maximum for the best weather protection. Velocities may be higher on air discharge louvers. With closely spaced bars, the louvers have approximately fifty percent free air.

Airflex screening grilles for both exterior and interior usage are flexible in design in order to obtain the desired artistic effect. These grilles can be furnished with blade contours as designed by the architect for horizontal or vertical effect. Many uses are made of these grilles with various finishes, such as building screening on parking structures, penthouses, general build-

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ing design as well as interior partitions.

Extruded aluminum heating and ventilating enclosures are custom built and installed under factory management. Their flexibility in design make them adaptable to most any building contours and are generally developed in connection with mechanical requirements. Here again the variety of finishes are particularly useful in obtaining a desired interior decorating treatment.

AIA Adopts Document

The Board of Directors of the AIA, at its annual winter meeting, adopted a document, "Recommendations for Establishing the American Arbitration Association as Administrator of Construction Industry Arbitration," as reviewed and recommended by the AIA committees on professional consultants, on building construction and on documents review. The approval is subject to final review by legal counsel.

Implementation of the policy report must await approval by the directors of the organizations participating in preparation of the report: Associated General Contractors of America, Consulting Engineers Council, the Council of Mechanical Specialty Contracting

Industries and the National Society of Professional Engineers.

A second document approved subject to approval of the participating organizations was a guide to "Professional Collaboration in Environmental Design."

The document was authored by representatives of the AIA, CEC, the American Institute of Planners, American Society of Civil Engineers, the American Society of Landscape Architects and the National Society of Professional Engineers.

Objective of the guide is to promote better understanding among the various segments of the building industry in the interest of promoting the health, safety and general welfare of the public through the very best in environmental design.

The Institute's Board of Directors also authorized the exploration of programs dealing with the education of the general public in the difference between good environmental design and inferior design. As part of this instructional effort, the AIA Committee on Aesthetics, which received the assignment, is to investigate the possibility of granting Institute fellowships in architectural journalism to talented writers who may be potential architectural critics.

The Board's actions were taken in response to a report prepared by the aesthetics committee which declared, "Good architecture cannot be created in a vacuum; the reaction to an architect's works by his fellow practitioners as well as the general public may be considered an integral part of the function of a building as a work of art."

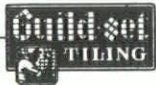
Criticism by an individual architect of fellow architects' work is limited by the AIA's professional code of ethics. The authors of the report believe that effective criticism may be conducted within the framework of the mandatory rule stating, "An architect shall not knowingly injure or attempt to injure falsely or maliciously the professional reputation, prospects, or practice of another architect."

This rule is to be interpreted by the Institute Secretary for the next Board meeting in April when, for the first time, an Institute policy statement on professional criticism will be developed.

OBITUARIES

Raymond G. Jepson, AIA, died January 19, at his home in Detroit after a long illness.

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A member of the American Institute of Architects since 1944, Mr. Jepson was a graduate of the School of Architecture and Design, University of Michigan and was registered as an architect in Michigan. He was employed by various architectural firms in the Detroit area, including Albert Kahn Associated Architects and Engineers. In 1930 he joined the Detroit City Engineers office as an architectural engineer. He retired from his post in 1960.

Born January 31, 1895 in Milwaukee, Mr. Jepson spent most of his life in the Detroit area.

He is survived by his wife Florence and two daughters.

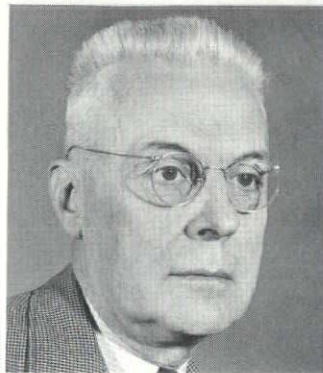


Raymond G. Jepson, AIA

Wells I. Bennett, FAIA

The following motion was presented to and passed by the Faculty of the Department of Architecture at the University of Michigan at its meeting on January 11, 1966.

"It is moved that the Faculty of the Department of Architecture express its profound regret and sorrow in the death of its Dean Emeritus and friend, Wells Ira Bennett, dedicated educator in the fine arts and in architecture, long time public servant to many state,



civic and professional bodies, loyal alumnus of the University of Michigan, and highly respected citizen of the Ann Arbor community.

And it is moved that the Secretary of this Faculty communicate this minute directly to our friend, Mrs. Wells Ira

Bennett, to the President and Members of the Board of Regents of The University of Michigan, to the American Institute of Architects, to the Michigan Society of Architects and to such other scholarly and professional bodies as he may deem appropriate."

Wells Ira Bennett, FAIA, the dean emeritus of the School of Architecture and Design, University of Michigan, died January 7, 1966.

Born August 1, 1888 in Red Creek, New York he was educated at Syracuse University receiving a B. of Architecture and took his Masters Degree at the University of Michigan. He joined the faculty at the School of Architecture and Design at U of M in 1912 and retired 45 years later in 1957. He was appointed Dean in 1938.

A member of the Board of Directors of the Michigan Society of Architects in 1935-1937 and again in 1943 and 1944, he was elected president of the Detroit Chapter, AIA, in 1946 and served for one year. He served two years as President of the Association of Collegiate Schools of Architecture 1942-44.

In 1947 he was awarded Fellowship in the American Institute of Architects and an Honorary Degree, Doctor of Fine Arts from Syracuse University.

Dean Bennett is survived by his widow and two sons.

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ANNOUNCEMENT

Michael Kloian and Robert D'Alessandro have announced the opening of their office for the practice of architecture at 9014 Chalmers, Detroit. Telephone: VE 9-2525.

Seymour J. Levine, AIA, announces the removal of his office to 21600 21600 Greenfield, Suite 210, Oak Park, Michigan 48237. Telephone 542-2842 or 566-3838.

The AGC movie, "The General with the Cockeyed Id" is available on a free loan basis from Sterling Movies, U.S.A., Inc., 43 W. 61st Street, New York, N.Y. Running 19 minutes, 16mm sound, it portrays the activities of a today's general contractor on the complex modern projects.

Denis Charles Schmiedeke, AIA, has announced the opening of new offices at 2841 Monroe Blvd., Dearborn, Michigan. Telephone 562-3900. Mr. Schmiedeke was a former partner of Bradley R. Storrer, now with the firm of Smith and Smith, Architects, Royal Oak.

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Lansing, Michigan Housing Commission is interested in interviewing architectural firms for possible retention for design and supervision of 500 Public Housing Administration approved units of low-income housing.

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For further information, contact William Mateer, Housing Director, 4th floor, City Hall, Lansing, Michigan.

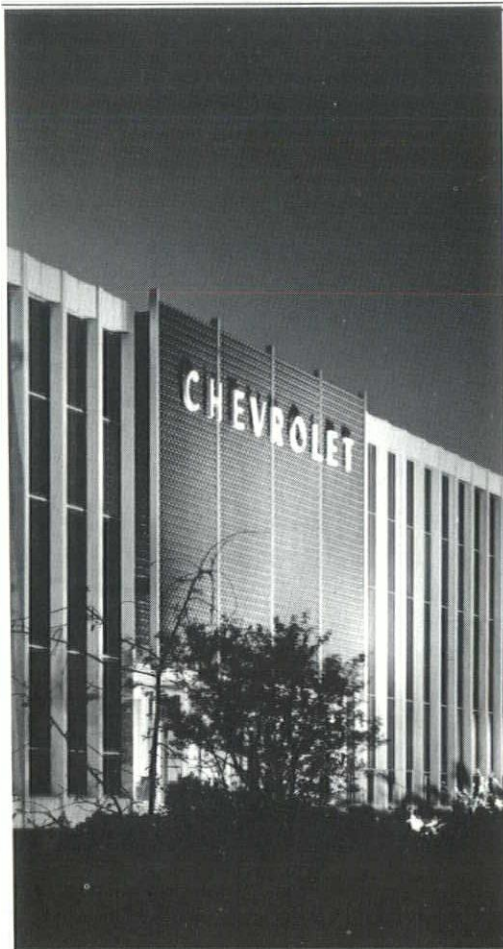
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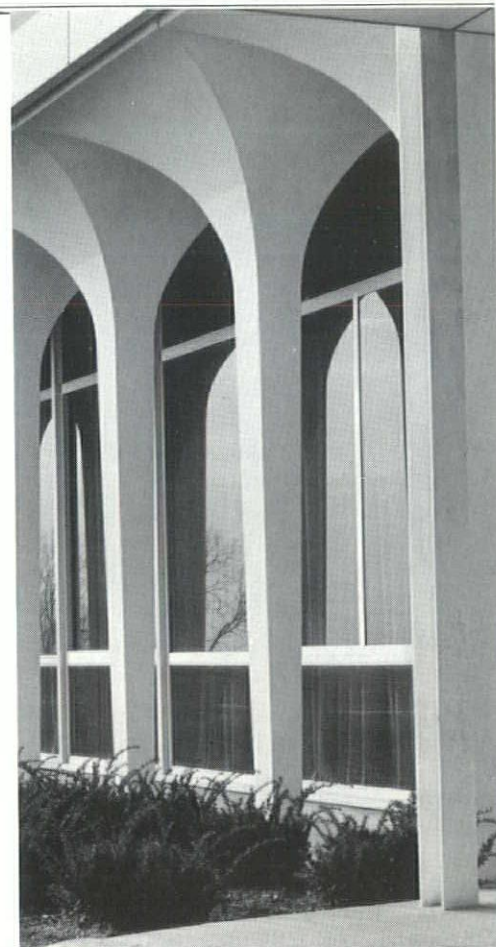
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Kassabaum to Speak At March Convention

George E. Kassabaum, vice president of the American Institute of Architects, will be the featured speaker at the Honor Awards Banquet, during the MSA's 52nd Annual Convention at the Statler-Hilton Hotel, Detroit. The convention dates are March 16 and 17.

Mr. Kassabaum, of the St. Louis firm of Hellmuth, Obata and Kassabaum was elected to office at the national convention of the AIA in June, 1965. His firm has made master plans for university and college campuses and has designed educational buildings, dormitories, office buildings and a variety of other structures.

He has served on the HHFA Advisory Committee on Housing for the Elderly, as Chairman of the National AIA Committee on Housing for the Aging and as president of the St. Louis Chapter, AIA.

Watts Joins Eberle M. Smith

Joseph C. Watts, structural engineer, has rejoined the firm of Eberle M. Smith Associates, Inc., Architects and Engineers, president Lyndon Welch announced.

Watts, a native of Cheyenne, Wyoming, attended Indiana University and the University of Illinois. He obtained his B.S. in architectural engineering and a B.A. in mathematics at the latter university.

Among the projects with which he was associated before coming to Detroit was the Medina Athletic Club in Chicago. He also prepared much of the structural steel drawings for the Mississippi River bridge at Vicksburg, Miss.

In the early 30's he joined the Corps of Army Engineers in Detroit and became involved in military construction in 1940 when World War II broke out. He was commissioned a captain in the U.S. Army in 1942 and served as Chief of the Operations Branch at Selfridge Field until 1945.

After World War II Watts entered private professional practice with several Detroit firms, serving as chief structural engineer. His previous tour with the Eberle M. Smith firm started in 1961 and continued until early 1964 when he and others formed a corporation specializing in parking structures.

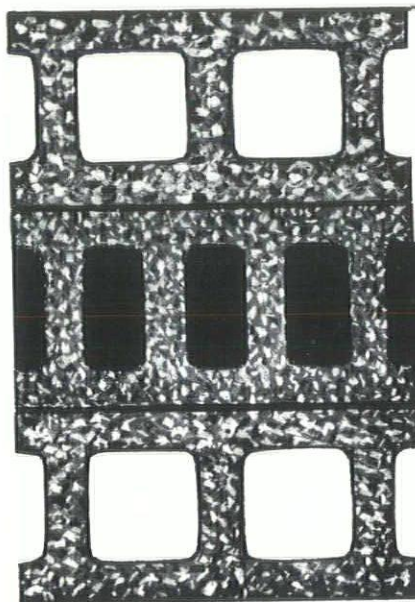
Watts is a member of the American Society of Civil Engineers and is a charter member of the Engineering Society of Detroit. He is also a member of the Royal Oak Art Association.

Charleston Awarded Citation for Excellence

The American Institute of Architects honored the city of Charleston, S.C. for its achievement in preserving historic and architecturally important buildings.

The award was the "Citation for Excellence in Community Architecture," awarded by the AIA in a program to recognize communities and persons whose efforts have produced projects or concepts that bring orderly improvements to the urban scene. No single building can qualify for a citation. During the past 10 months, each of the Institute's 17 geographical regions has nominated a city for the citation. The selections were then confirmed by the national Board of Directors.

The citation was presented by Bernard B. Rothschild of Atlanta, Ga., the director of AIA's South Atlantic Region. AIA's national president Morris Ketchum Jr., FAIA, of New York City then addressed the assembly on "The Fabric of Our Cities." The award was made at the annual meeting of the South Carolina Chapter, AIA at Charleston.



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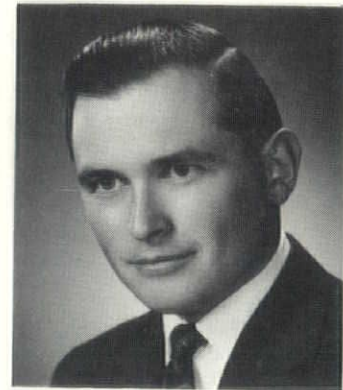
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CALENDAR

1966		MSA Board meets with Grand Valley Chapter in Grand Rapids.
Feb.	14	@ 3:30. Lecture in A&D Auditorium, U of M; "Production and Erection of Prefabricated Buildings in Scandinavia" by K. Marzolf.
Feb.	15	Exhibit, "The Architectural Genius of Bernard Ralph Maybeck", sponsored by the California Redwood Association and installed in the Library of the College of Architecture and Design. University of Michigan, Ann Arbor.
March	2	
Feb.	15	Detroit Chapter Rinner Meeting—Stouffers Northland Inn. John E. Flynn, AIA, speaking on "Light and Architecture".
Feb.	26	Exhibit in Undergraduate Library: U of M.
March	20	Alvar Aalto.
March	2	Metropolitan Detroit Asphalt Seminar—Engineering Society of Detroit.
March	16	& 17 MSA 52nd Annual Convention, Statler Hilton Hotel, Detroit.
March	26	& 27 Sixth Annual Congress of the Professions. Pantlind Hotel, Grand Rapids.
April	1	Summer: Exhibit in Museum of Art: U of M; Jacques Brownson.
June	26	thru July 1 AIA Convention, Denver Hilton Hotel, Denver.
August	4	thru 6 MSA Mid-Summer Conference, Grand Hotel, Mackinac Island.
1967		
April	12	& 13 MSA 53rd Annual Convention—Civic Center, Lansing.
April	13-15	Gulf States Regional Convention Hot Springs, Arkansas
May	10-12	Wisconsin Chapter, Lake Lawn Lodge, Delavan, Wis.
September	8-10	New Jersey Society of Architects, Esses and Sussex Hotel, Spring Lake, New Jersey.
October	5-8	Florida Association of Architects, Deauville Hotel, Miami Beach, Florida.
October	5-9	County Fair Grounds, Monterey, Calif.
October	6-9	East Central States Regional Convention Brown Hotel, Louisville, Kentucky.
October	6-9	New York State Association of Architects Whiteface Inn, Lake Placid, New York.
October	13-15	Louisiana Architects Association, Jack Tar Capitol House Hotel, Baton Rouge, Louisiana.
October	13-15	Architects Society of Ohio, Caroussel Inn, Cinn.
October	20-22	Pennsylvania Society of Architects, Hotel Hershey, Hershey, Pennsylvania.
October	23-27	Northwest Regional Conference, AIA Seattle, Washington
October	27-29	South Atlantic Regional Conference, Queen Charlotte Hotel, Charlotte, North Carolina.

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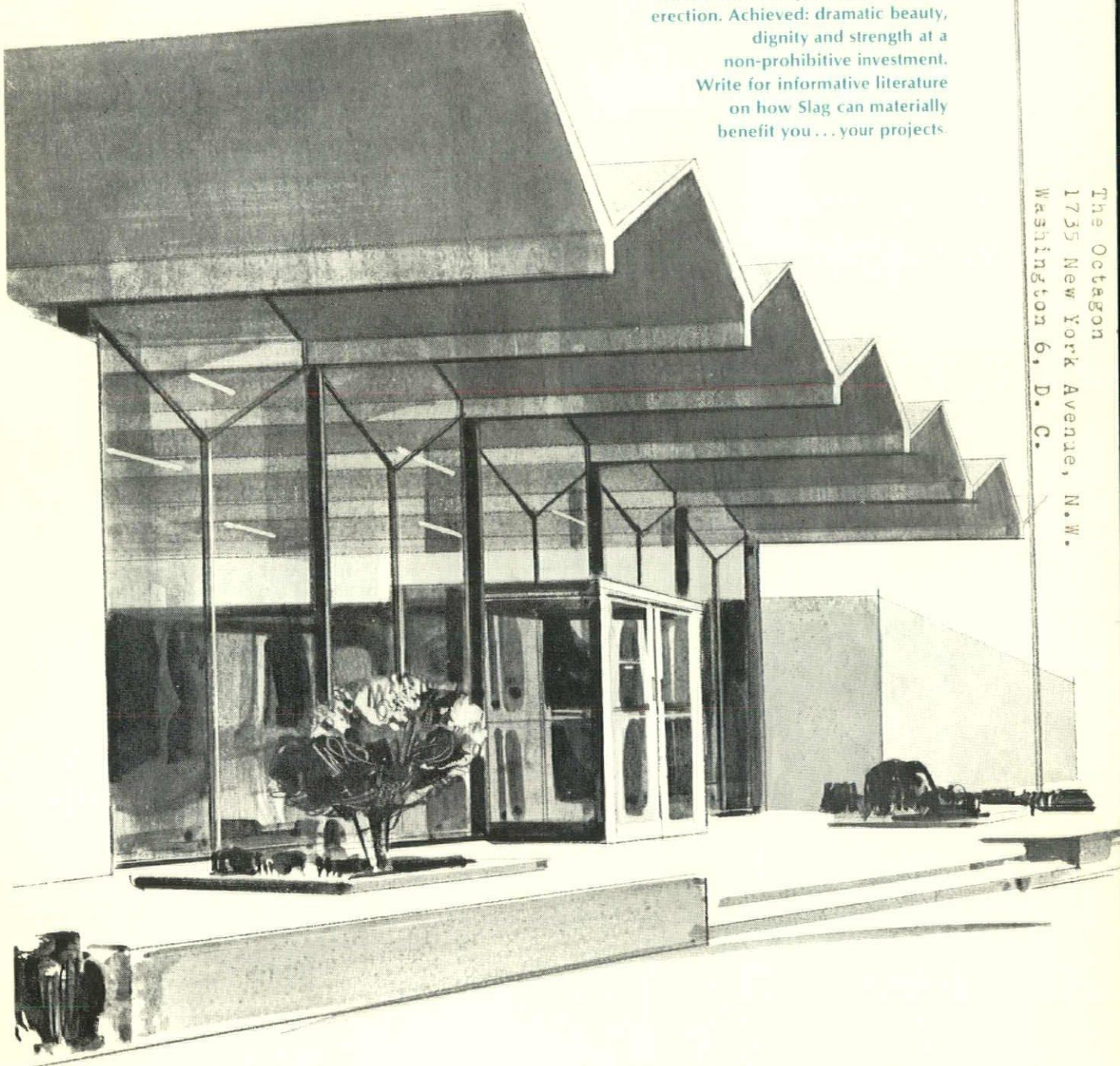
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