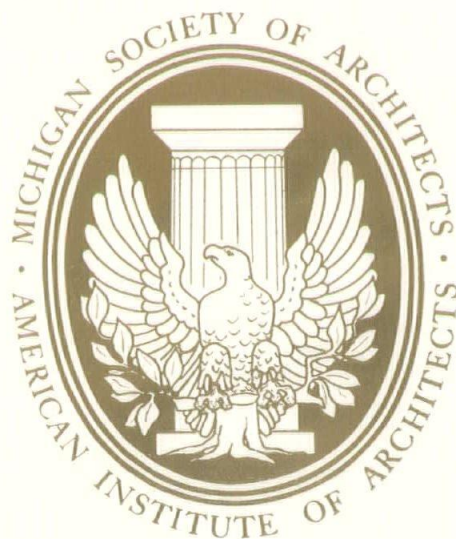


ES

AMERICAN INSTITUTE  
OF  
ARCHITECTS  
OCT 12 1959  
LIBRARY



# ARROW WRECKING CO.

ESTABLISHED 1922

DETROIT'S NATIONAL CONTRACTOR

**Clears The Way  
For Progress**

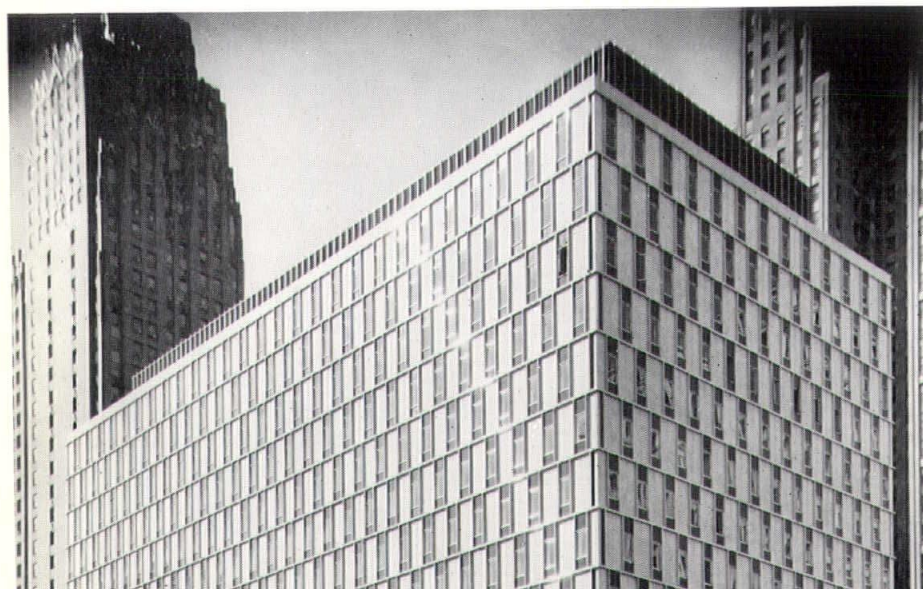


ARROW WRECKING COMPANY CREW wrecking Hammond Building, under supervision of Arrow Demolition Engineers, to clear area for National Bank of Detroit

## NATIONAL BANK OF DETROIT

Detroit, Michigan

Albert Kahn Associated Architects & Engineers, Inc.



### DEMOLITION ENGINEERS

- Industrial
- Commercial
- Residential
- Concrete Breaking
- Excavating

COMPLETE INSURANCE  
PROTECTION



BEHIND THESE WALLS AND GALLERIES LIES THE WORLD'S  
LARGEST CEMENT MANUFACTURING PLANT IN WHICH  
THE ELECTRICAL INSTALLATION PREDOMINATES





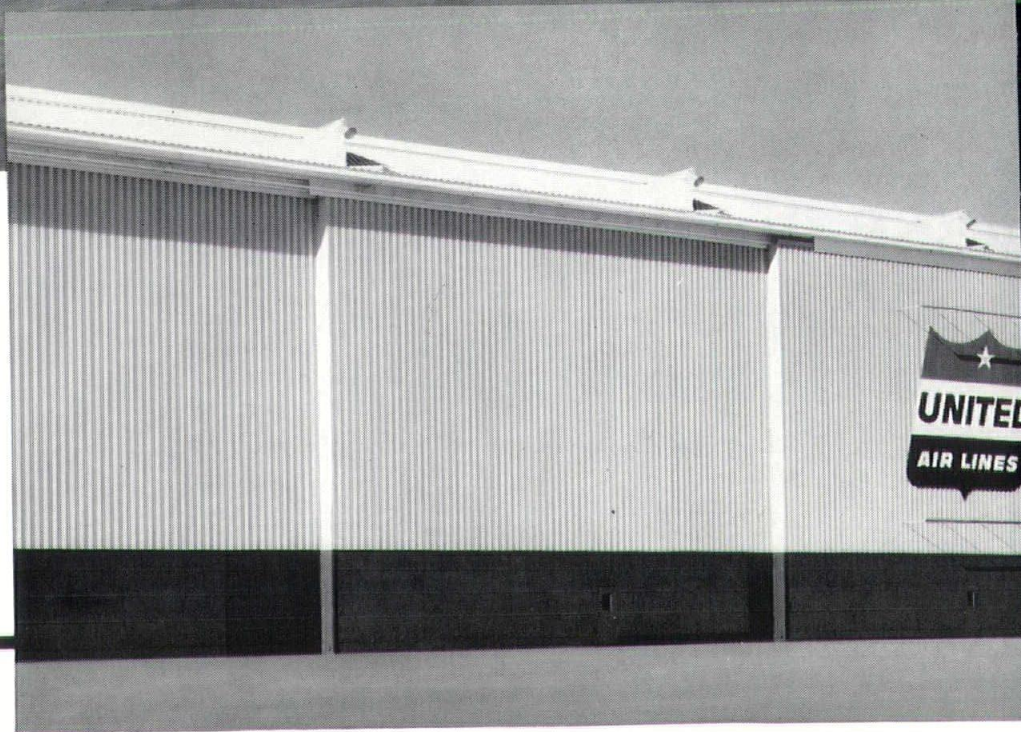
# Mahon METAL CURTAIN WALL



United Air Lines Service Center at San Francisco, Cal. Mahon Metal Curtain Walls were employed to lend trimness and to retain the clean lines of this unique structure which was designed to accommodate four mammoth DC-8 Jet Air Liners. Mahon Curtain Wall Plates, of the same material and pattern, were also employed as exterior facing on the large hangar doors.

**Architects & Engineers**  
Skidmore, Owings & Merrill

**General Contractor**  
Dinwiddie Construction Company



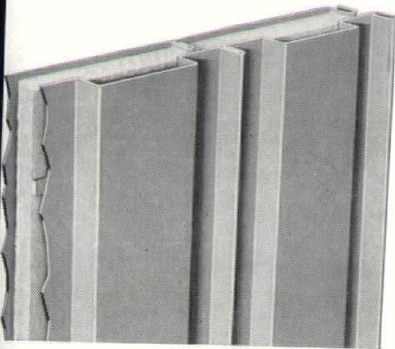
Serving the Construction Industry Through Fabrication of Structural Steel, Steel Plate Components, and Building Products



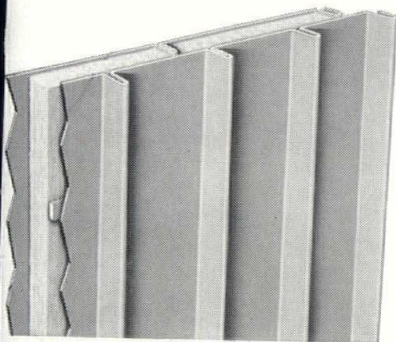
# roduce a Clean, Distinctive Wall Texture in Any Type of Structure!

**Mahon Walls can be Erected up to 60 Ft. in Height without a  
Horizontal Joint . . . Vertical Joints are Invisible**

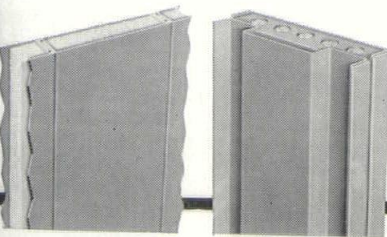
**ALUMINUM or STAINLESS  
ALVANIZED or PAINTED STEEL**



**MAHON FLUTED WALL**  
FIELD CONSTRUCTED



**MAHON RIBBED WALL**  
FIELD CONSTRUCTED



**FLUSH FLUTED  
MAHON PREFAB WALL PANELS**

## ☆ **OTHER MAHON BUILDING PRODUCTS and SERVICES:**

- Underwriters' Rated Metalclad Fire Walls
- Rolling Steel Doors (Standard or Underwriters' Labeled)
- M-Floors (Electrified Cellular Steel Sub-Floors)
- Long Span M-Decks (Cellular or Open Beam)
- Steel Roof Deck
- Permanent Concrete Floor Forms
- Acoustical and Troffer Forms
- Acoustical Metal Walls and Partitions
- Acoustical Metal Ceilings
- Structural Steel—Fabrication and Erection
- Steel Plate Components—Riveted or Welded

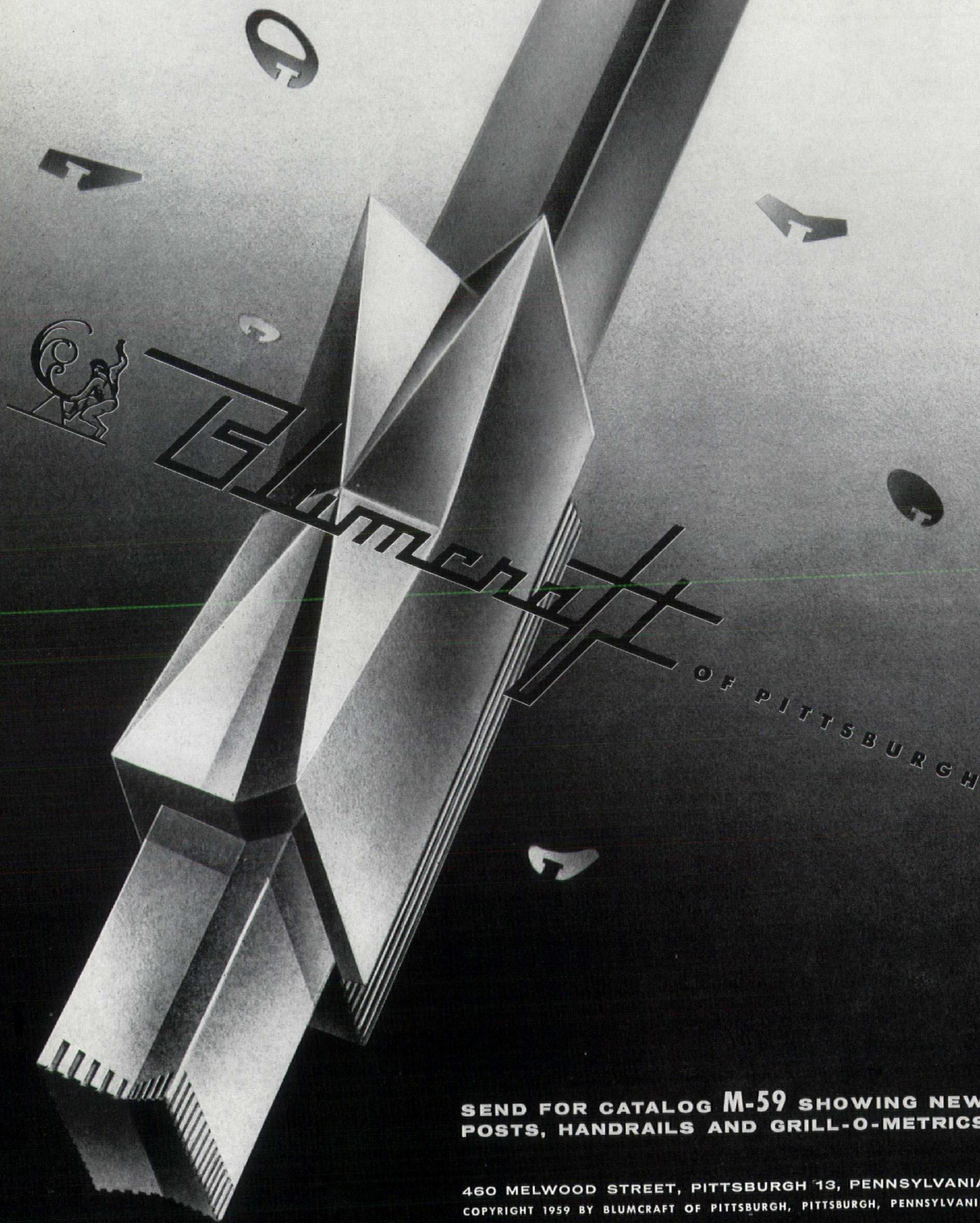
☆ *For INFORMATION See SWEET'S FILES  
or Write for Catalogues*

**THE R. C. MAHON COMPANY • Detroit 34, Michigan**  
Sales-Engineering Offices in Detroit, New York, Chicago and Los Angeles  
*Representatives in all Principal Cities*

# MAHON

Steel and Aluminum





**SEND FOR CATALOG M-59 SHOWING NEW  
POSTS, HANDRAILS AND GRILL-O-METRICS**

**460 MELWOOD STREET, PITTSBURGH 13, PENNSYLVANIA  
COPYRIGHT 1959 BY BLUMCRAFT OF PITTSBURGH, PITTSBURGH, PENNSYLVANIA**



## LETTERS

### BULLETIN:

You were advised in a letter dated June 19, 1959, that the Detroit Mechanical Trades Bid Depository would be placed in operation on July 1, 1959.

As a result of meetings between Mechanical and A.G.C. Committees, it has been deemed advisable to postpone the effective date to August 3, 1959, in order to allow time to complete the details of operation.

Bids due on or after August 3, 1959, will be handled through the depository, at The Detroit Bank and Trust Company, Fisher Building Branch.—DETROIT MECHANICAL TRADES BID DEPOSITORY.

### AGC's REPLY:

(1) We concur in the closing time for deposit of mechanical bids being established at 12:00 noon of the business day of the depository prior to the due date of the general contractors' bid. This assumes that Saturdays, Sundays and Bank Holidays are not business days for the depository.

(2) We concur in the arrangement to have bids to all general contractors mailed special delivery to them upon their calling the depository, and advising the person in charge which bids they desire.

(3) We agree to advise all general contractor members of the A.G.C., DETROIT CHAPTER, Inc. to use the depository and to urge all mechanical contrac-

tors to use the bid depository. We cannot agree to request our members to only accept bids that go through the bid depository. We believe that to agree to such a condition would very possibly be grounds for an antitrust suit.

(4) We concur in the 5% bid bond accompanying the bids deposited by each mechanical trades bidder in the depository.

(5) We concur in broadening the scope of the depository to encompass those bids going to architects and owners. However, we would agree to a 30-day period after the start of the depository to accomplish this so long as the fact that owners and architects would be included was publicized with announcement of the start of the plan.

(6) We would agree to the bid depository under the foregoing conditions on a 90-day trial basis, at which time we would like to meet with your organization to review the results.—AGC, William E. Stewart, Secretary.

### BULLETIN:

Since the death early last year of John Knox Shear, editor of the ARCHITECTURAL RECORD, efforts have been under way to raise funds to establish a permanent memorial to him. The aim of the committee is a traveling scholarship in architecture to be awarded regularly (annually or biennially) to a senior student in the Department of Architecture at

Carnegie Institute of Technology where John Shear was head of the Department for many years. To date \$12,000 of a desired \$40,000 has been achieved. John Shear got around the country a great deal when he was editor of the RECORD and spoke before many chapters. We felt that among your membership there would be people who knew John Shear and would be interested in contributing to this memorial. Contributions should be made payable to the Carnegie Institute of Technology, and addressed to the John Knox Shear Memorial Fund, Carnegie Institute of Technology, Schenley Park, Pittsburgh 13, Pennsylvania.—JOHN PEKRUHN.

### BULLETIN:

We in this office get the biggest bang out of admiring the AIA Monthly Bulletin from Michigan. It is the finest production of any such magazine we receive, and your selections are wonderful.

Starting this Sunday, Mrs. Gay and I are going to be away for two and a half months. We will be back about the second week in October. We are circling the globe, starting from New York on the S.S. United States, landing in Le Havre, four days in Paris, then Marseilles, where we embark on the Viet Nam, which takes us to Egypt, Aden, Bombay, Ceylon, Singapore, Saigon, Manila, Hong Kong, Kobe, Yokohama, Honolulu, Los Angeles, Tucson, Dallas and home. — JOHN B. GAY, 7217 Gulf Blvd., St. Petersburg, Fla.

## Table of Contents

Letters .....	5
National Architect .....	7-15
Albert Kahn Associated Architects & Engineers, Inc. ....	17-32
Saginaw Valley Chapter, AIA .....	33

### Architectonics, West. Mich.

Chapter, AIA .....	35
MSA at University of Michigan Conference on Aged .....	37
Designs for Aged .....	37-47
Detroit Chapter, AIA .....	49
Detroit Chapter Reports .....	51-61

To Mr. Woodfill .....	61
WALD .....	63
Golf League Dinner Dance .....	67
Producers' Council, Inc. ....	69
Products News .....	71
Bulletin Board .....	72
Advertisers Index .....	72

## Monthly Bulletin, Michigan Society of Architects, Volume 33, No. 10

including National

## Architect



### MONTHLY BULLETIN

Michigan Society of Architects  
120 Madison Ave., Detroit 26, Mich., WO 1-6700  
Talmage C. Hughes, F.A.I.A., Editor & Publisher.  
Edited and published under the direction of  
Monthly Bulletin, Inc.: C. A. O'Brien, President;  
James B. Morison, Vice-President; George B. Savage, Secretary-Treasurer; Talmage C. Hughes, Resident Agent.

**OFFICIAL PUBLICATION** of the Michigan Society of Architects: Frederick E. Wigen, President; Charles A. O'Brien, 1st Vice-President; Peter Vander Laan, 2nd Vice-President; Earl G. Meyer, 3rd Vice-President; C. H. MacMahon, Jr., Secretary; George B. Savage, Treasurer; Talmage C. Hughes, Executive Secretary. Directors: Clarke E. Harris, Paul A. Hazelton, James B. Morison, Gustave Muth, Louis G. Redstone, Walter B. Sanders, James A. Spence, Malcolm R. Stirton, Clarence L. Waters, Clifford N. Wright; Arleen Montford, Administrative Assistant.

The name "Monthly Bulletin, Michigan Society of Architects" is owned by Monthly Bulletin, Inc., a subsidiary of the Michigan Society of Architects, a Michigan non-profit corporation. Otherwise owned by Talmage C. Hughes, F.A.I.A., founder (1926), editor and publisher, Executive Secretary of the Society and of the Detroit Chapter, The American Institute of Architects.

**OFFICIAL PUBLICATION**—Detroit Chapter of The American Institute of Architects; Robert F. Hastings, President; Paul B. Brown, Vice President; William Lyman, Secretary; Bruce H. Smith, Treasurer; Gerald G. Diehl, Earl G. Meyer, Frederick G. Stickle, Philip N. Youtz, Directors; Talmage C. Hughes, Executive Secretary; Arleen Montford, Administrative Assistant.

**OFFICIAL PUBLICATION** — Western Michigan Chapter, A.I.A.; George W. Sprau, President; Paul A. Hazelton, Vice President; Howard DeWolfe, Secretary; F. Gordon Cornwell, Treasurer; Joseph T. Daverman, Claude D. Sampson, Ian C. Ironside, Directors; Arleen Montford, Administrative Assistant.

**OFFICIAL PUBLICATION** — Student Chapters of The A.I.A. at University of Michigan, University of Detroit and Lawrence Institute of Technology.

**OFFICIAL PUBLICATION**—Saginaw Valley Chapter A.I.A.; Auldin H. Nelson, President; Clifford E. Gibbs, Vice President; Vincent T. Boyle, Secretary; Robert S. Gazall, Treasurer; Harvey C. Allison, Director; Arleen Montford, Administrative Assistant.

**OFFICIAL PUBLICATION** — Michigan Chapter of The Producers' Council, Inc.; M. Eugene Hannum, President; C. Russell Wentworth, Vice President; Robert D. Mosier, Secretary; Edward S. Parker, Treasurer; Charles J. Mock, Membership; Mary Evorian, Recording Secretary, 17209 Wyoming Avenue, Detroit 21, Michigan. Phone: University 4-2664.

**OFFICIAL PUBLICATION**—Michigan Architectural Foundation; Arthur K. Hyde, President; Suren Pilafian, Vice President; Talmage C. Hughes, Secretary-Treasurer; L. Robert Blakeslee, Paul B. Brown, Gerald G. Diehl and Ralph W. Hammett, Directors. 120 Madison Avenue, Detroit 26, Mich.

**OFFICIAL PUBLICATION** — National Council of Architectural Registration Boards.

Walter F. Martens, President, Charleston, W. Va.; A. Reinhold Melander, 1st V-Pres., Duluth, Minn.; Chandler C. Cohagen, 2nd V-Pres., Billings, Mont.; Ralph O. Mott, Secretary, Fort Smith, Ark.; A. John Brenner, Treas., Phoenix, Ariz. Directors: Edgar H. Berners, Paul W. Drake, Morton T. Ironmonger, C. J. Paderewski.

Executive Committee consists of President, Secretary, Treasurer, 1st Vice Pres. (alternate), Council Board of Review: Ralph E. Winslow, Larchmont, N. Y.; A. Reinhold Melander, Duluth, Minn.; L. M. Leisenring, Washington, D. C.  
Address all inquiries concerning National Council of Architectural Registration Board to the Council's headquarters at 418 Commerce Exchange Building, Oklahoma City 2, Oklahoma.

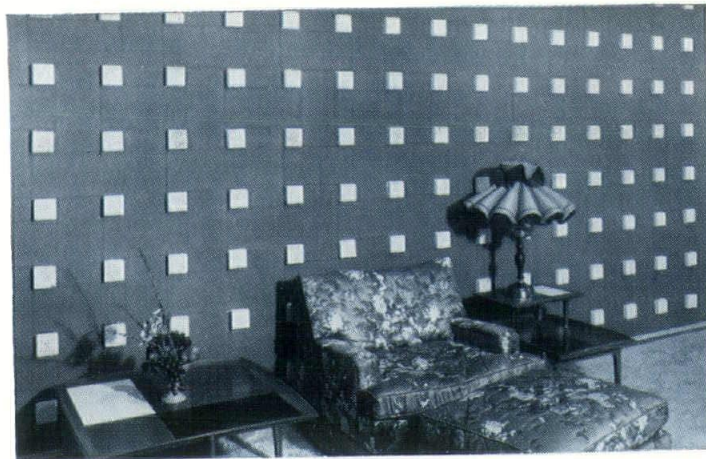
**PERSONNEL**—Theodore G. Seemeyer, Jr., Editorial and Advertising Director; Gerald H. LaPiner, Editorial and Advertising; Nick Demos, Circulation Manager; Ann Stacy, Secretary.

**SUBSCRIPTION**—\$4 per year (members \$2.00). 50c per copy.

Listed in Standard Rate & Data Service. For further information, see page 1.



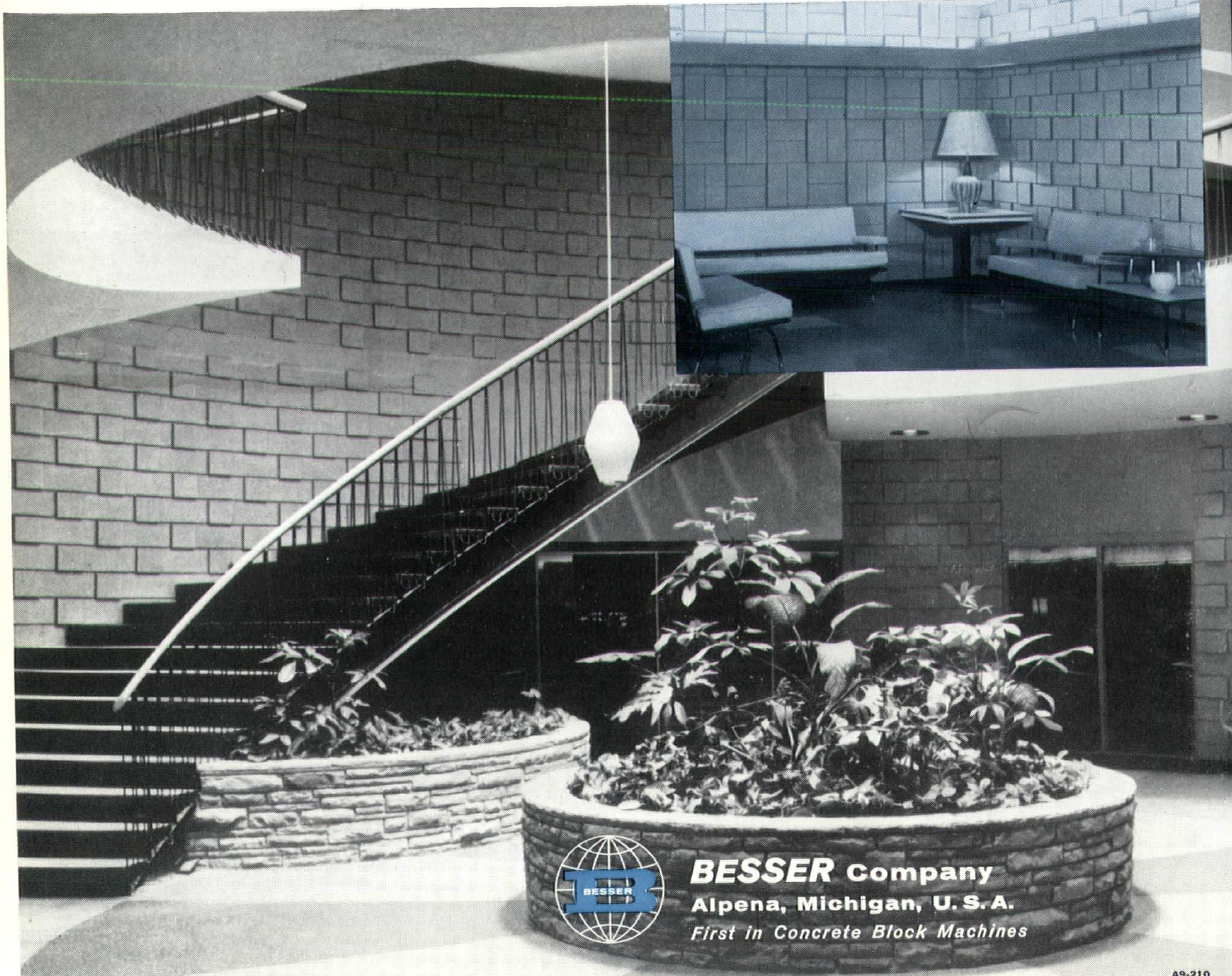
*Harold Berry and associate, Donald Speck, reached new heights in concrete drama in the \$6.5 million Home Furnishings Mart at Dallas, Texas. And they used only standard Vibrapac block.*



*Look how beautiful walls can be...* **with Standard Vibrapac Block**

Yes, it's true! Nothing but standard Vibrapac block was used in these walls. Yet look how dramatic they are. The secret, of course, lies in the creative imagination of contemporary architects — who see in concrete masonry a new idiom for creative expression.

Consider the boundless patterns available with standard block, then review its proven features: permanence — high acoustical and insulating values — low maintenance cost — and, above all, its priceless fire safety and storm safety. Small wonder this trusted old friend, Vibrapac Block, is sparking architects and sparkling walls everywhere. Keep it in mind for forthcoming projects.



**BESSER company**  
Alpena, Michigan, U. S. A.  
*First in Concrete Block Machines*



# NATIONAL ARCHITECT\*

Official Publication, National Council of Architectural Registration Boards



## OFFICERS

Walter F. Martens, President, Charleston, W. Va.  
A. Reinhold Melander, 1st V-Pres., Duluth, Minn.  
Chandler C. Cohagen, 2nd V-Pres., Billings, Mont.  
Ralph O. Mott, Secretary, Fort Smith, Ark.  
A. John Brenner, Treasurer, Phoenix, Ariz.

## DIRECTORS

Edgar H. Berners, Green Bay, Wis.  
Paul W. Drake, Summit, N. J.  
Morton T. Ironmonger, Fort Lauderdale, Fla.  
C. J. Paderewski, San Diego, Calif.

## EXECUTIVE COMMITTEE

Pres., Sec., Treasurer, 1st V-Pres., (alter.)

## COUNCIL BOARD OF REVIEW

Uzzell S. Branson, Blytheville, Arkansas  
Frank M. Lescher, Champaign, Illinois  
Thomas H. Locraft, Dist. of Columbia  
Board Representative: Melander

## EXECUTIVE DIRECTOR

James H. Sadler, A.I.A., 418 Commerce Exchange  
Building, Oklahoma City 2, Okla., CE 2-0468

\*Reg. U. S. Pat. Off.

## Architectural Registration

The architectural profession was slow in adopting registration. Architects are pronounced individualists and resent regulation. This was particularly true of the older men in the profession, especially those in New England.

The first registration law was passed in Illinois early in this century. By that time conditions had become so chaotic that many saw the need of some regulation. Some may have been motivated by selfishness, believing that restrictions would mean more business for them. This was possible because, by constitutional provision, all existing practitioners would be licensed automatically.

Whatever the motives, most architects now realize the need for protecting public health and safety by some certification of the qualifications of those who profess to be architects. All states now have such laws.

It became evident, as the number of states requiring registration increased, that some reciprocity among states was necessary. The need for a coordinating body became evident many years ago. It was fortunate for the profession that a man of Emory Stanford Hall's enthusiasm and ability was willing and able to organize such a body as the National Council of Architectural Registration Boards, with Emil Lorch as its first president.

One by one the registration boards of the states, realizing the value of such cooperation, joined the Council. A few still neglect or refuse to cooperate, but in general the state boards approved of the Council. Now all are members.

Naturally, the older and more-densely populated states have more severe requirements than the less populous and

less prosperous states, but it is possible to agree on reasonable minimum requirements, as has been proved.

It is unfortunate that states with laws that are too lenient have not been able, in many cases, to secure proper amendments to their acts, but these defects are being corrected.

The Southern states are traditionally jealous about "states rights," but the Northern states are equally sure that their own methods and requirements are right and others wrong. In view of such natural differences, it is quite surprising that so much progress has been made toward uniformity.

The most serious discrepancies among state laws have to do with the extent of experience and (or) training required before registration. There is general agreement that eight years of preparation should be the minimum, but some states require as little as four years, and one requires none. While this is a serious defect, the states with minimum requirements can promote uniformity by proper administration of their own laws.

For example, most laws prescribe, in effect, that applicants shall present evidence of "fitness satisfactory to the Board." Obviously, an application from a candidate who has barely met the minimum time requirement must be considered. But it is also true that under such circumstances the Board may rightfully require a written examination.

Some architects argue that a degree from an architectural school should be accepted in lieu of an examination. Such an argument does not seem to be well taken. Doctors and lawyers, for example, invariably require written examinations.

There are a number of good reasons for not accepting a degree in place of a written exam:

(1) Architectural schools vary greatly in their requirements for graduation. State examiners find that some schools are strong on design, and weak on struc-

ture, and vice versa. Some schools, for example, practically ignore history, or training in the writing of specifications.

(2) Such a custom would completely ignore, or seriously handicap, those men whose training has been received entirely in offices, supplemented by diligent study.

(3) Certain technical skills, such as the preparation of working drawings, cannot be readily learned in school, nor should they be. An architectural college is not a trade school. Its function is to teach the basic facts, how to plan, and the fundamental knowledge of materials, engineering, statics and the mechanical trades.

Training in the preparation of working drawings, field supervision, and the checking of shop drawings, can all be given better in an architect's office than in school. It is in the last two phases of professional practice that many young men fail most seriously.

Personal appearance before the board and verbal examination is another method of determining qualification, although it has grave defects. It is likely, for example, to favor the quick and superficial man, and handicap slower and more able men. Such an exam can give only a slight idea of an applicant's ability to plan or his engineering knowledge, and of course, it cannot show his drafting ability. To be at all effective, such an exam should cover a period of at least one hour, which is impossible in most cases.

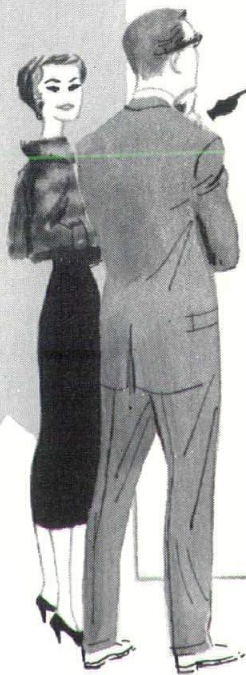
Despite acknowledged defects, the written examination has demonstrated over a period of more than twenty-five years that it is the fairest and best way to determine qualifications. It is the only type of examination that can be reasonably uniform in all states—an essential requirement, if reciprocity is to be practiced.

The National Council has been especially successful in establishing these



*if it can't pass these tests  
don't put it underground!*

- Is it rust and rot-proof?
- Is it acid and detergent-proof?
- Does it provide permanent protection against ALL corrosive wastes?
- Is its interior smooth enough to permit free flow of wastes . . . eliminate clogging?
- Will it handle harsh drain-cleaning compounds?
- Will it withstand the various stresses of heavy backfill loads?
- Can it withstand the acids and gases generated by ground garbage?
- Does it have factory-tested, root-resistant joints that are easier to install?
- Is it backed by a long-term written guarantee?



Now new, longer, stronger Clay Pipe speeds up installation . . . helps cut material and labor costs, while its research-tested and field-proven Wedge-Lock® Compression Joints insure a tighter, longer-lasting connection. Specify and install Clay Pipe—the only pipe with *all* the features you can trust. . . .

*It never wears out!*

*\*All Clay Pipe manufactured by CSPA members  
is backed by a 75-year written guarantee!*



**CLAY SEWER PIPE ASSOCIATION INC.**

311 High-Long Building • 5 E. Long St. • Columbus 15, Ohio

CS-359-6



minimum requirements. Nothing can be done among different state boards by compulsion, but a great deal has been done by conference and cooperation. The Council in this way has set up as a minimum an examination covering four days, with values fixed for each sub-division. The Council syllabus is a reasonable standard.

Uniformity in state examinations demands uniformity in questions and grading, but it is even more important in agreement about who shall take such examinations.

It is certainly proper that a man who has practiced for perhaps ten years as an associate in a state where such practice is legal—who is of mature age and of good theoretical education—should be licensed by appearance before the board and certified reference, but such cases are exceedingly rare. There should be practically no other exemption, except for practicing architects, where there is no reciprocity.

Where the law of a specific state permits application for a license by a candidate with only four years of training, the board should do everything lawful to ascertain that the applicant is fully qualified. Everything possible should be done to determine the candidate's ability, and in every case this should include a written examination.

Written examinations are so generally established that it will be a surprise to many examiners, as well as practicing architects, to know they are not required in all instances.

In some states men of very limited experience, much of that engineering practice secured in the Army or Navy, are given a very brief verbal examination, plus a questionnaire. Upon this evidence, together with references, they are granted licenses. G.I. training in the military service, however valuable, is not usually architectural experience.

Licenses are sometimes granted on the applicant's statement that he proposes to do only residences and small commercial buildings. After the license is issued, the holder is legally entitled to build any type of building, no matter how large. The board is considered to have certified that he is competent for all classes of work.

Actually, waiving of an examination is no favor to the applicant. Several candidates have expressed disappointment in appearing before a board, prepared to take a written exam, only to find that they had received a license that did not carry the weight that would have been attached to it had a written examination been given. Such men are embarrassed in explaining to other architects how easily they obtained a license.

But the greatest harm from this practice is that an architect, licensed without a written exam, is handicapped in getting a license in another state. State boards have repeatedly required written examination, when registration elsewhere was received without such examination. This practice is prescribed by the N.C.A.R.B. and states with membership in that body are under obligation to observe the rules of the national organization. The regulations, in nearly every case, are published after full discussion in open meeting, and decisions are reached by majority vote.

Board members sometimes complain that it takes too much time to give written exams. While there is often no stipend for members of boards, architects should regard it as an honor to be asked to serve. But more than that, they should regard it as a call to serve the profession and safeguard the public interest. If they cannot spend the time required, they should not serve at all.

In giving examinations, we may overlook, perhaps without harm, some lack of knowledge of historical styles, although we thoroughly believe in its value. But we cannot overlook a lack of knowledge of structures and safe planning. We certainly must require ability to write specifications, and familiarity with mechanical, electrical and other specialties. If we do not uphold these standards an architect's registration will mean little more than registration in a political party.

The first duty of members of boards in granting licenses is to divorce the subject from sympathy for the individual. These decisions should be based purely upon the public interest. This public interest is the entire complex question of public health and safety. The Supreme Court of Tennessee has ruled that every

building affects the public health and safety. The ruling applies to residences, as well as other types of structures.

Therefore, it is clearly the duty of a registration board to determine, as far as possible, whether the prospective architect is competent. This investigation must include sworn statements of training and experience, as well as verified references.

Since these applicants may be examined in any state by boards composed of men of varied experience and ability, all boards should require each applicant to meet the minimum requirements of the NCARB. These requirements are not too stringent.

It seems that if we wish reciprocity, we must take these steps:

(1) Demand a minimum of eight years training and (or) experience before an applicant is eligible for an examination.

(2) Check the character, training and experience of every applicant.

(3) Secure at least three references from persons or firms who know the work of the applicant.

(4) Arrange short personal interviews so board members may get an idea of the candidate's character and personality.

(5) Give a four-day examination for every applicant with four years of technical training in an approved school of architecture, plus four years of architectural experience. This experience must include supervision. In cases of this sort, the candidate must be at least thirty years old. Cases where waiver of examination is justified under these circumstances are extremely rare.

State registration boards cannot expect to secure reciprocity unless they are willing to follow the standards outlined.

The applicant should be told that these are the by-laws of the board, and that he will have to take the four-day exam.

Only by adherence to such rigid standards will reciprocity work. If we are not willing to so protect the title of architect, then we should frankly issue local state licenses, which would cause serious hardship to every architect who wished to practice architecture outside his own state.

## THE DUNN - RAINEY COMPANY

### THIOKOL!

A Synthetic Rubber Base Sealer.  
AIR-FREE Cartridge eliminates hand mixing.  
AIR-FREE Material assures perfect bubble-free sealing.  
Ready for immediate pressure application.

**SAVES TIME ★ SAVES MATERIAL**

4461 W. Jefferson Ave.  
Detroit 9, Michigan

Telephone TA. 5-7156

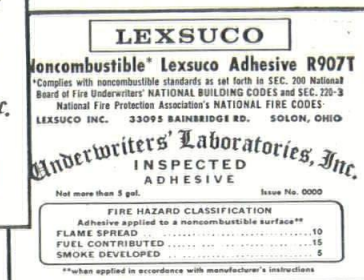
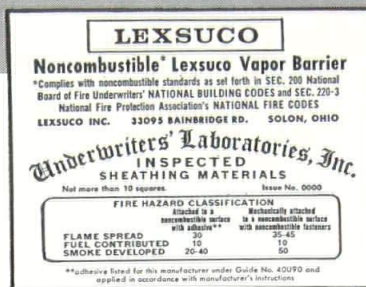


.....  
 • IMPORTANT NEWS  
 • for Architects  
 • and Specifiers  
 • .....

UNDERWRITERS' LABORATORIES

*Test and Accept*

**LEXSUCO**  
 ROOF CONSTRUCTION MATERIALS



**Noncombustible Standard met by Lexsuco Vapor Barrier and Lexsuco Adhesive R907T. Underwriters' Label granted.**

Underwriters' Labels will now identify the Lexsuco Vapor Barrier and Lexsuco Adhesive R907T. These products are the only ones of their kind to bear this well known label.

● Underwriters' Laboratories, for the first time, has tested and accepted a roof vapor barrier and adhesive. Extensive tests proved that the Lexsuco Vapor Barrier and Lexsuco Adhesive R907T meet the noncombustible standards established by the National Fire Protection Association and the National Board of Fire Underwriters.

#### COMPARE THESE TIME- AND MONEY-SAVING ADVANTAGES:



**Get a fire-retardent roof fast!** Lexsuco mechanical applicator performs three operations on one pass—applies noncombustible Lexsuco Adhesive R907T to underside of Lexsuco Vapor Barrier and puts ribbons of adhesive on top of the vapor barrier to secure the insulation.

**Assured Fire Protection.** With or without a vapor barrier, the Lexsuco system completely eliminates combustible asphaltic materials between the roof deck and roof insulation. When you specify Lexsuco Adhesive R907T with the Lexsuco Vapor Barrier, or the adhesive only, over metal roof deck, you get assured building fire protection.

**More for Your Roofing Dollar.** Lexsuco products give you far more value for the money you invest. When you put Lexsuco products in your base specifications, subject to competitive bidding, you pay little or no more for the extra protection and value of these noncombustible materials than you would for combustible materials.

**Lower Insurance Premiums.** With Lexsuco roof constructions you may receive lower insurance rates, and this is a permanent saving, repeated year after

year. Both Underwriters' and Factory Mutual have tested and accepted the Lexsuco materials. Lexsuco Roof Constructions are also recognized by Factory Insurance Association and many State Rating and Inspection Bureaus. Investigate possible insurance savings on all your projects.

**Engineered Application.** By removing much of the human element the Lexsuco system of engineered mechanical application assures a more thorough, uniform application and more dependable construction.

**Better Roof Construction.** On all roof decks—metal, poured, precast or wood—you get economical and dependable securement with Lexsuco Adhesive R907T. Where it is necessary to protect the insulated, built-up roof from moisture migration from within the building, you get proven protection with the Lexsuco Vapor Barrier.

Contact your distributor or Lexsuco representative for information and the Underwriters' Report, or write to us direct. Ask about THE NEW LEXSUCO PVC WATERSTOPS.

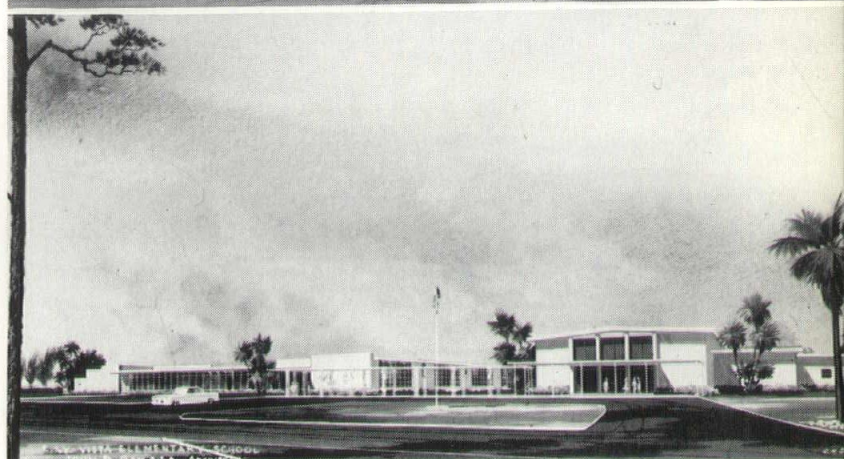
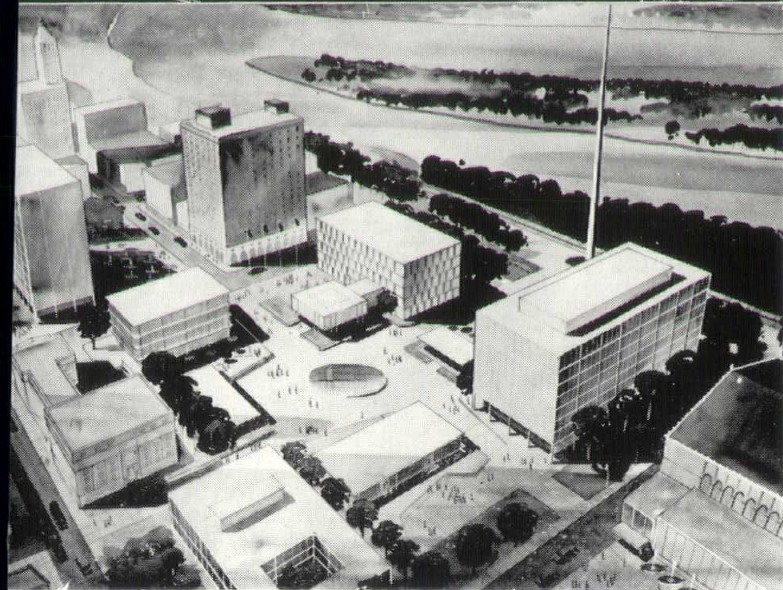
**LEXSUCO INC**

BOX 326 • SOLON, OHIO

Noncombustible Roof Constructions and Waterstops

Distributed in Canada by Bishop Products Limited, Box 30, Toronto 14, Ont., and Sidney Roofing & Paper Co., Ltd., 500 Wiggins Street, Barnaby 3, B. C.





## Projects In The News

**TOP:** WELTON BECKET & ASSOCIATES are architects and engineers for this 22-story office building for The Travelers Insurance Companies in the mid-Wilshire district of Los Angeles. It will be the tallest building in L.A.

**IMMEDIATELY ABOVE:** Studies for new Civic Center in Memphis, Tenn. Plans are being developed by the League of Memphis Architects who are donating their services.

**RIGHT:** SHAW, METZ & ASSOCIATES, ARCHITECTS designed Zenith Radios Display Salon at 200 N. Michigan Avenue in Chicago. Shown here is Sculptor Harry Bertoia with his work symbolizing communications in the atomic age. Smaller units at right represent sight, sound and electronic control and respond to light from the eight-foot main unit.

**BELOW:** WARREN H. ASHLEY, AIA was architect for the Wilbert Snow Elementary School in Middletown, Connecticut.

**ABOVE:** JOHN B. GAY, AIA, is architect for these three projects. Top: Pinellas International Airport. Center: Bay Vista Elementary School. Bottom: St. Petersburg U.S. Post Office, all in Florida. Gay is in St. Petersburg.





Exclusive "Executive House" in downtown Chicago...

## country's tallest concrete frame and floor building rises 40 stories in 371 feet!

WHEN AMERICA BUILDS FOR THE FUTURE...  
IT BUILDS WITH CONCRETE



FOR STRUCTURES...  
MODERN  
**concrete**

### PORTLAND CEMENT ASSOCIATION

2108 Michigan National Tower, Lansing 8, Mich.

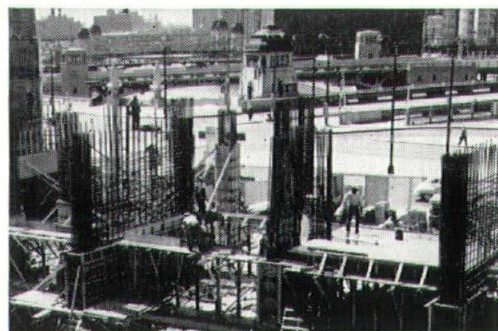
*A national organization to improve and extend the uses of concrete*

This impressive \$6,000,000 building with its 446 apartments brings luxury living to Chicago's business district.

On the 100 ft. x 150 ft. lot, space was at a premium. To make the most of it, architects Milton M. Schwartz & Associates, Inc., and the Miller Engineering Company, both of Chicago, chose *concrete*. With it, apartments are big... ceilings a full eight feet. Yet floor to floor height is only 8 ft. 10½ in. Plaster is applied directly to the concrete.

And concrete saved money—an estimated \$500,000. It saved time, made easier scheduling, too. Concrete's always ready on short order.

Executive House sets a U.S. height record for concrete. Today, for high-rise buildings and monumental structures, more and more architects and engineers are turning to concrete.



Four concrete shear walls extending across the width of the building provide necessary resistance to wind forces.



## ARCHITECTURAL TRENDS

By Jan Reiner

*This is one of a series of articles by Architect Jan Reiner, formerly of Boston, who is now practicing architecture in New Port Richey, Fla. A graduate of Harvard University and a recipient of an AIA fellowship, Reiner spent two years as a student with Le Corbusier in Paris and another two years with Ove Bank in Oslo. He practiced architecture in California and Massachusetts before going to Florida last year.*

As a businessman, an architect acts like any other businessman in soliciting, working upon, and discharging obligations. His commodity is "the blueprint" and his specialty is that fragile item called beauty.

Among his services are conferences with the clients, preliminary studies, working drawings, specifications, certifications of payments to the builders, and supervision of the construction. It goes without saying that the larger the assignment, the more complex his services. The fact is that on very large commissions the architect becomes a coordinator and administrator who welds together the thinking and performance of technical specialists into one "package"—the blueprint.

Since architecture is to a great extent a luxury business, its practice is susceptible to national and local economic conditions. But even in prosperous times and in "good" areas, the demand for architectural services depends upon the need for additional new buildings. Furthermore, the architectural fee may also depend upon the pressure from other architects (registered or otherwise), competing for the same commission. Since, in our "business-as-usual" world, the lowest bidder has the best chance of economic survival, it is understandable (though hardly excusable) that many a business-architect skimps on his estimate in order to get a job. Little wonder, then, that the majority of buildings we see around us contain so little artistic inspiration.

There is a marked difference—and at times—antagonism—between the personality of the architect-artist and that of the architect-businessman. The difference is based upon the intellectual benchmark from which each views the basic values of life.

To the former art is a way of life; to the latter it is a desirable ingredient of a saleable commodity.

What beauty is to the artist-architect, profit is to the business-architect.

Where the artist-architect tries to create everlasting beauty and often ignores the time spent in the search for it, the business-architect, always conscious of his overhead ("Time is Money"), emphasizes speed of production.

It is not hard to see why there would be a good deal of feeling between the "dreamer" artist and the "practical" businessman. Often the artist-architect is overshadowed by the prestige and recognition accorded to the business-architect who has millions of dollars worth of work "on the boards."

While many may dispute the statement that architecture is 99 per cent business and 1 per cent art, it is nevertheless true that aggressive firms get most jobs. National statistics reveal that during the past 10 years or so, the bulk of architectural work has been done by a handful of large firms which, like other large organizations, maintain offices in various parts of the country and are geared to "production."

However, one must not overlook the one great potential asset of the business-architect. It is his ability to sell. Since we live in a business world where the "art" of influencing people and selling them a "bill of goods" is of paramount importance, we can well see where the business-architect could become the "indispensable man."

If he were a man of professional skill, personal integrity, and a keen interest in citizenship, he—far more than the architect-artist or technician—could "sell" to the municipal, state and national governments the need for overall planning. He could lead the promotion of large scale planning—a field which today is frequently neglected or in the

hands of dilettantes, or, worse yet, of land speculators, who under a variety of disguises operate for selfish purposes usually detrimental to the community.

It is not an exaggeration to forecast that if the business-architect could become the chairman of a planning board, or the head of an urban renewal commission, our cities would benefit. He could do something about the gradual decay of older areas of the cities, including the slums, traffic congestion, planless decentralization, and lack of coordination of metropolitan transit systems, just to mention a few of the most vital issues today.

However, the crux of the situation lies in the scarcity of business-architects who are both artists and public spirited administrators. Today's education and training of young architects does not seem to orient them toward this goal.

Architecture has always been one of man's greatest attempts to create lasting beauty. It has expressed the individual and national ideals of a time. By its very nature, architecture has always been a social art. It has always been based upon teamwork of dedicated individuals.

In today's society teamwork, more than ever before, is expressive of a new stage of social and technological development based upon the rapid transformation from a rural (agricultural) society into an urban (industrialized) one. Perhaps one of the roots of the architectural uncertainty of today lies in the fact that the basic values of this major transformation have not yet been fully grasped by most architects and social planners. Perhaps in the competitive rush for the commission (and the ensuing publicity) there has not been enough time or need to search too deeply for that new philosophy of the art of living and building.

What is needed most today is to raise the concept of architecture and planning to a plateau from which the architect would again gain an overall view of the society so that he could appreciate the potential importance and responsibility of his historic mission. Only then could he act as a "chief builder," exercising his ability as a creative artist, competent technician, business man, and civic leader.

A growth company . . .  
that continues to grow!

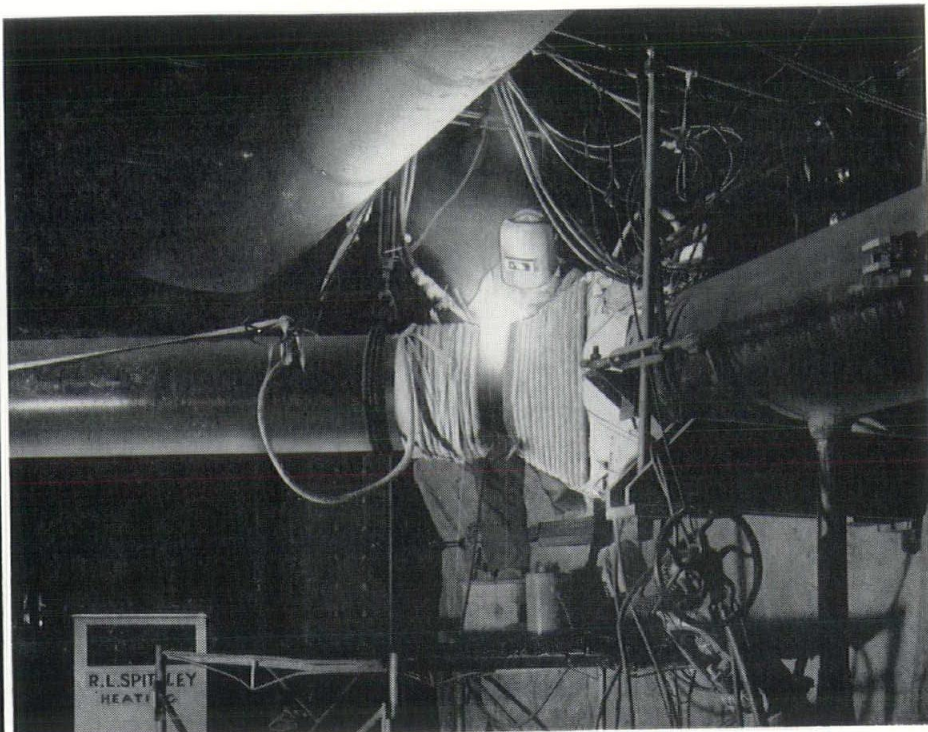
**PERRON**  
**CONSTRUCTION CO.**  
6525 LINCOLN AVENUE  
DETROIT 2, MICHIGAN  
TRINITY 1-8440

**GENERAL CONTRACTORS**

- INSTITUTIONAL
- COMMERCIAL
- INDUSTRIAL



# FULFILLING ALL REQUIREMENTS IS OUR BUSINESS



Power installation for Detroit Edison Company St. Clair Plant (O. W. Burke, Gen. Cont.)

Today's technological advances, engineering progress, and improved codes governing the construction industry, make it vital for a company like ours—a leader in this field—to know *ALL* requirements and fulfill them automatically.

The 2¼% Chromium, 1% Molybdenum piping being welded at Detroit Edison Company's new Unit 5 of the St. Clair Power Plant, although extending from the boiler, is considered part of it by the ASME Boiler and Pressure Vessel Code. This piping, which is 17½" OD with 3½" wall thickness and 23" OD with 4½" wall thickness, therefore requires *Certified Pipe Welding*, in accordance with Paragraphs P112 and P116 of Section I regarding Power Boilers and Section IX regarding Welding Qualifications. Hot-welded at 700°F, this piping is stress-relieved at temperatures of about 1300°F. All welds must be 100% radiographically acceptable.

You, too, can take advantage of our rigid adherence to the highest standards of our industry and assure your construction completed in a most efficient, satisfactory, and workmanlike manner.

*We welcome the opportunity to bid on your power-plant piping, industrial piping, plumbing, heating, or ventilating construction jobs . . . large or small.*

## Members of:

Mechanical Contractors Association of America



National Certified Pipe Welding Bureau

NCPWB

National Association of Plumbing Contractors



Sheet Metal and Air Conditioning  
Contractors National Association

SMACNA

# R. L. SPITZLEY HEATING COMPANY

and

SPITZLEY-RETTENMIER  
SHEET METAL COMPANY



1200 West Fort Street, Detroit 26, Michigan



# Modular

It was enlightening, gratifying and reassuring to discover Mr. MacMahon's article entitled, "Modular Coordination," in your July issue.

The summary of statistics gathered by the Office Practice Committee of your Detroit Chapter on the use of modular dimensioning in the Detroit area architectural offices makes a timely and valuable contribution to the entire profession.

Some of that committee's independent statistics can now be compared to the 1956 National AIA Office Practice Survey, and the 1959 MBSA survey of all architectural projects out for bids during the month of March. A comprehensive summary of where the building industry stands on modular adoption is being prepared for presentation to the Annual Meeting of the Building Research Institute this November 18. From your report and the preliminary tabulations of our own survey, we are possibly a lot further along than most practitioners realize. For instance, two out of three respondents to our survey (about 50% responded) answered yes to the question, "Do you incorporate modular materials whenever possible into your projects (produced in multiples of 4" including joints)?"

It is significant that Mr. MacMahon's committee came to the conclusion, "There

are still many offices not familiar with the advantages of Modular Coordination, therefore there is quite an educational job to be done." This statement is certainly true, but indicates that the relatively recent formation and the objectives of the Modular Building Standards Association have not been made known to the profession. It is perhaps not fully realized by all architects that MBSA is a membership funding operation toward supporting a technical staff to:

1. Prepare and disseminate technical information on modular dimensioning practices.
2. Work with manufacturers to stimulate production of modular products.
3. Shorten the industry's modular conversion period through assistance of the publications of MBSA's four initiating sponsors, the AIA, AGC, NAHB and the Producers' Council.

Modular progress has been unduly retarded in the past, through lack of finances to support a staff to work directly with industry toward the establishment of simplifying dimensional standards with sufficient assurance of marketability to justify huge expenditures of funds on the part of individual producers to make the conversion. It takes little imagination to see that any segment of the industry is reluctant to go to the expense of scrapping their technical literature and print-

ing new, re-orienting their sales force, changing production molds or jigs, re-organizing their stock-room techniques, shipping, billing and other procedures . . . until they are absolutely certain architects want the new sizes.

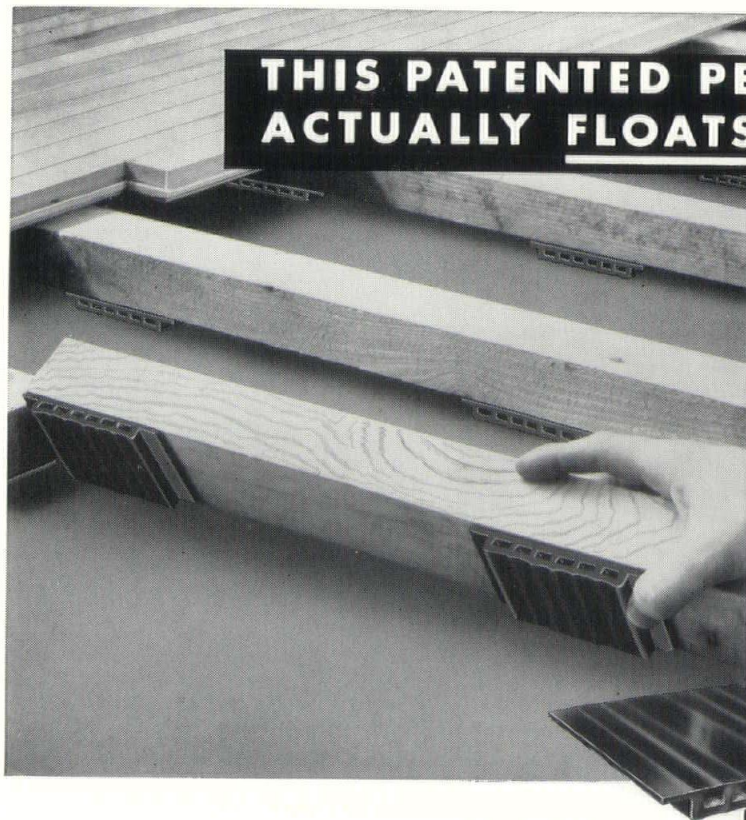
Modular drafting is one of the easiest parts of the problem. It is a profitable procedure for offices to adopt, right now, yet is resisted partially on the basis that all current materials are not modular! May we underscore one of Mr. MacMahon's words? . . . "There is **quite** an educational job to be done!"

We are hopeful that each member of the profession that recognizes the cost-savings to the owners of buildings constructed from modular materials, or who personally benefits from the use of modular dimensioning in his own office will see the need of voluntarily supporting MBSA through individual membership, firm membership, or both.

As the singular benefit of membership, MBSA REPORTS is periodically distributed to all members. A copy is enclosed for your review, which you will notice contains reprints of significant modular articles.

With your permission, we would like to reprint your July article.

—BYRON C. BLOOMFIELD, AIA,  
Executive Director, Modular Building Standards Association, 2-29 K St., NW, Washington 6, D.C.



## THIS PATENTED PERMACUSHION\* FLOOR ACTUALLY FLOATS ON RESILIENT PADS

That's right, this floor floats. It rests on air-channeled G.R.S. pads to assure permanent resiliency and to prevent any moisture transmission from slab or other structural member. Because no part of the floor system is fastened to subfloor or walls, the floor can expand and contract without buckling or cupping. Bellows-like cross ventilation under the floor prevents condensation and assures a warm, dry subfloor. Of course, the naturally beautiful and durable hard rock maple flooring means good looking, good wearing floor for generations.

\* TM Reg. U.S. Pat. Off.

### BAUER-FOSTER FLOORS, INC.

10401 Lyndon, Detroit 38, Mich.

Phone: WEbster 3-3623

Showroom: 18400 Woodward

Phone: TOWnsend 8-4940



# National Bank of Detroit

***Outstanding example of Detroit's  
new "Airy" downtown plan . . .***

Albert Kahn Associated  
Architects and Engineers, Inc.  
Architects-Engineers

Bryant & Detwiler Co.  
General Contractor

J. Brodie & Son, Inc.  
Mechanical Contractor



## **AEROFIN INSTALLED**

Aerofin's modern SMOOTH FIN design permits use of high air velocities without turbulence or excessive resistance — provides ample heat-exchange capacity in limited space.

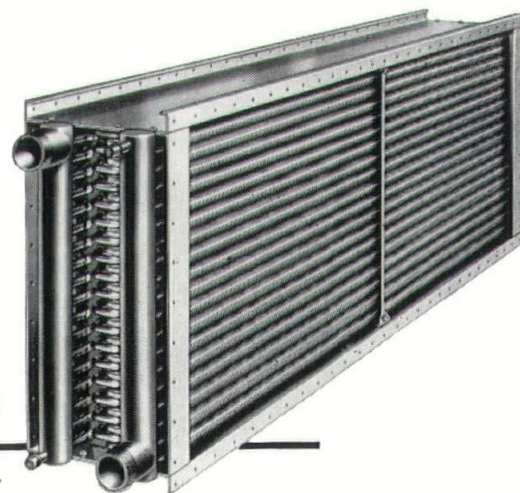
You can safely specify Aerofin coils at full published ratings. Aerofin performance data are laboratory and field proved.

### ***AEROFIN CORPORATION***

101 Greenway Ave., Syracuse 3, N. Y.

*Aerofin is sold only by manufacturers of fan system apparatus.  
List on request.*

**ENGINEERING OFFICES IN PRINCIPAL CITIES**







*Geo. H. Miehl*  
*Chairman & Treas.*

*Sol King*  
*President*

*S. Marston, Exec. V.P.*

*G. K. Scrymgeour, V.P. & Secy.*

*R. E. Linton, V.P.*

*V. C. Wagner, V.P.*

*G. S. Whittaker, V.P.*

*S. Saulson, V.P.*

*recent work of*

## **ALBERT KAHN ASSOCIATED ARCHITECTS & ENGINEERS, INC.**

*sixty five years of professional service*

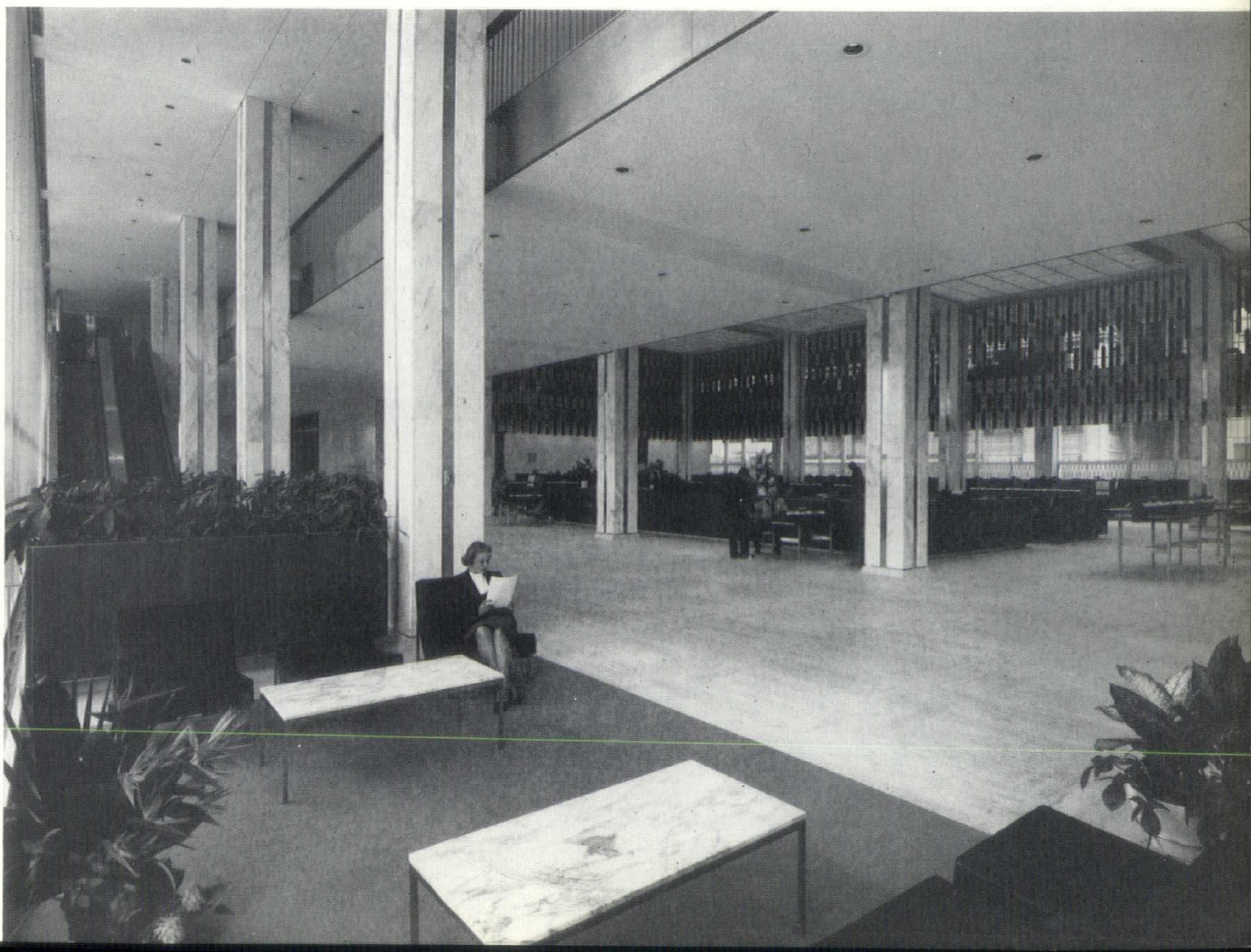




photos by Baltazar Korab



*Office Building, National Bank of Detroit, Detroit, Michigan*



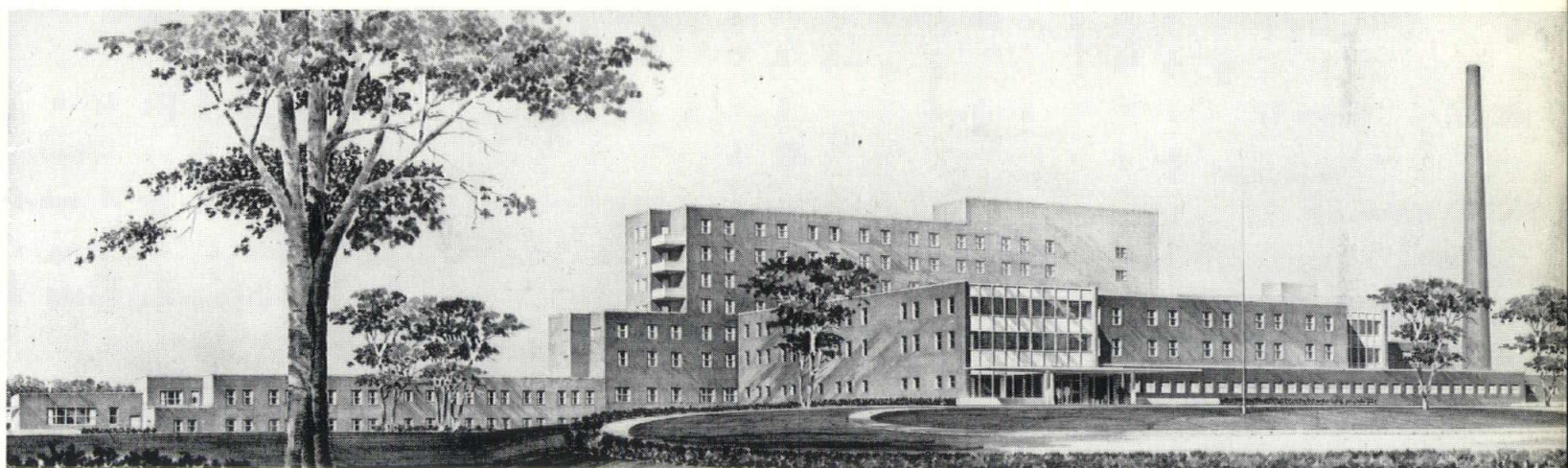




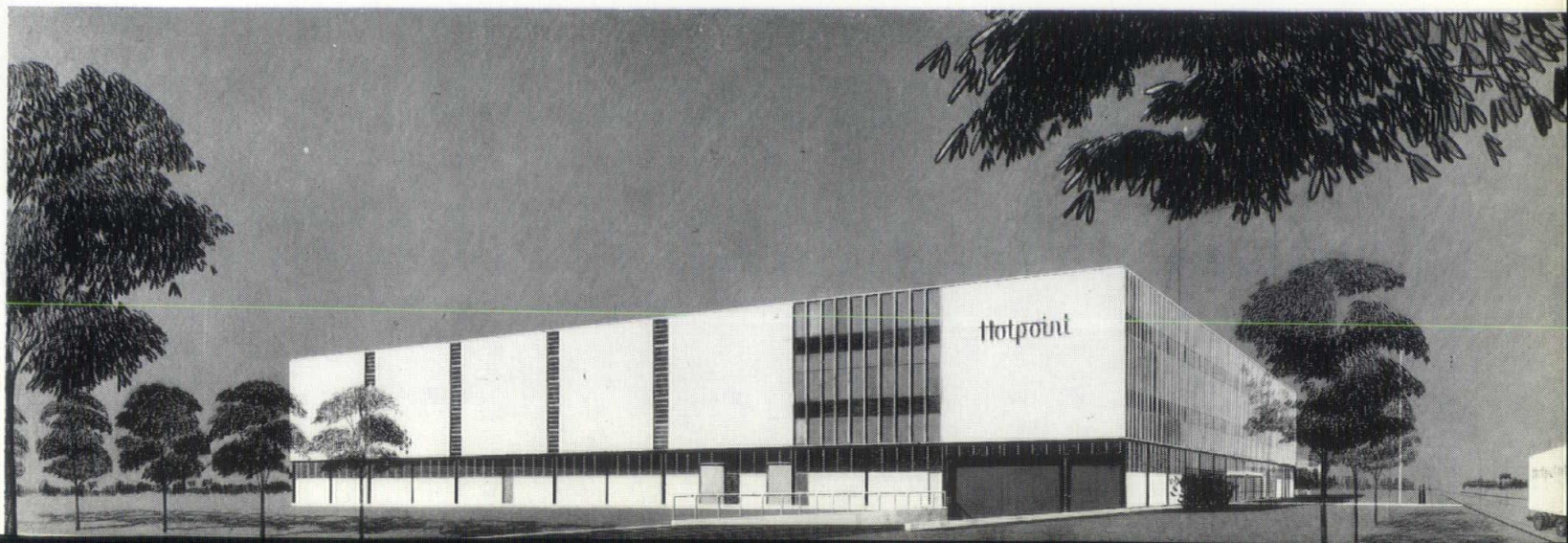
*Office Building, National Bank of Detroit, Detroit, Michigan*



*Sinai Hospital and Addition, Detroit, Michigan*



*Manufacturing Building, The Hotpoint Company, Cook County, Illinois*



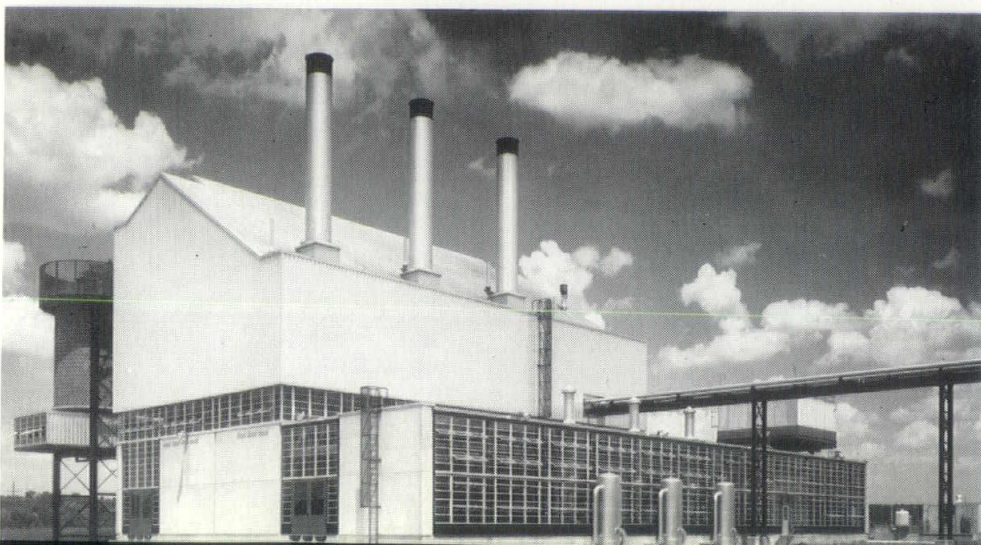
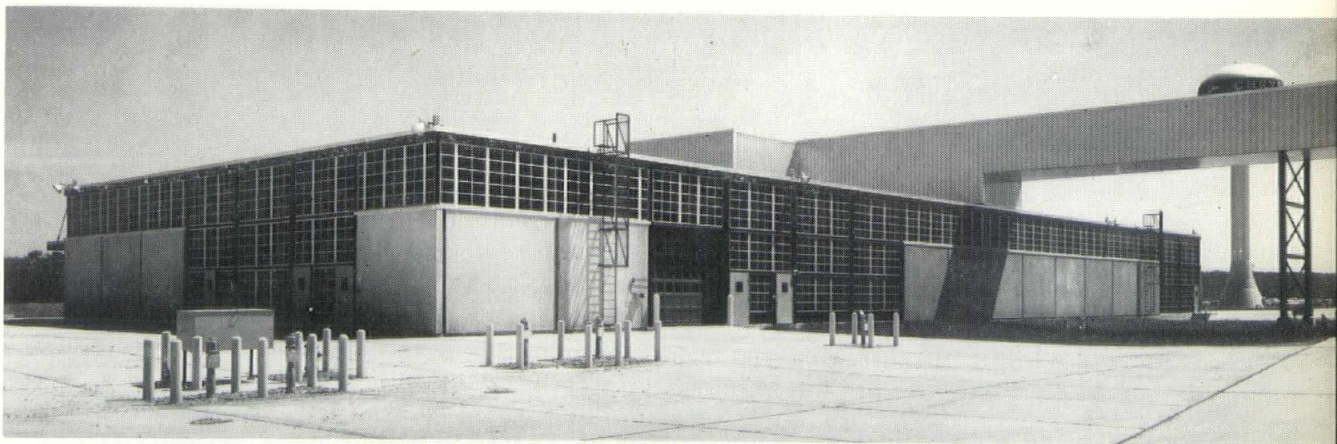
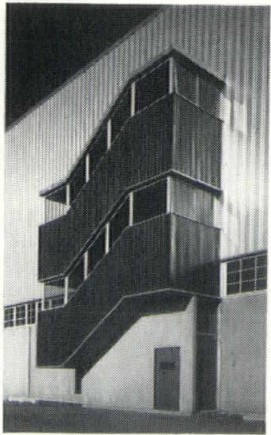


*Plymouth Assembly Plant, Chrysler Corporation, St. Louis, Missouri*



photos by Bill Engdahl, Hedrich-Blessing



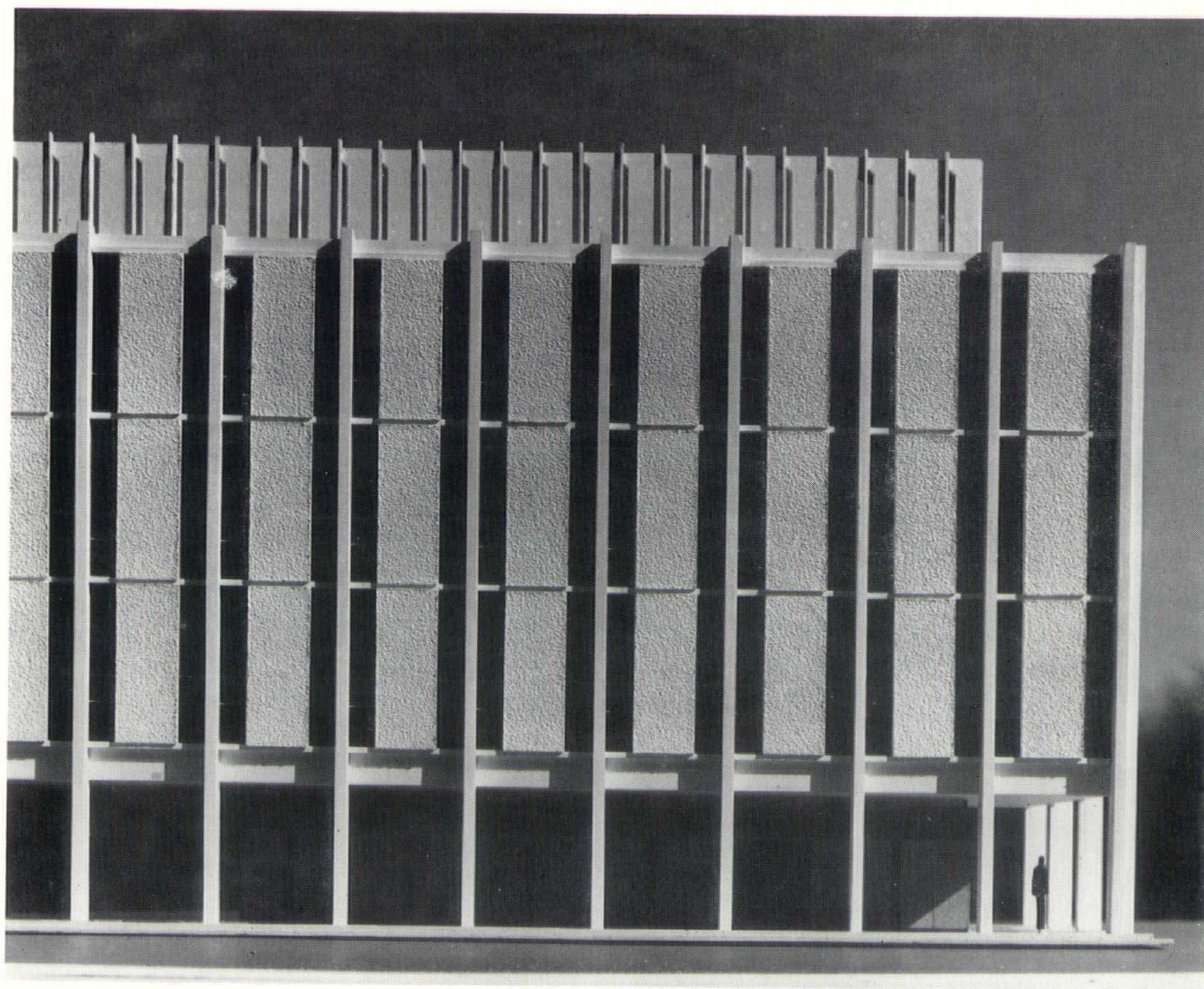






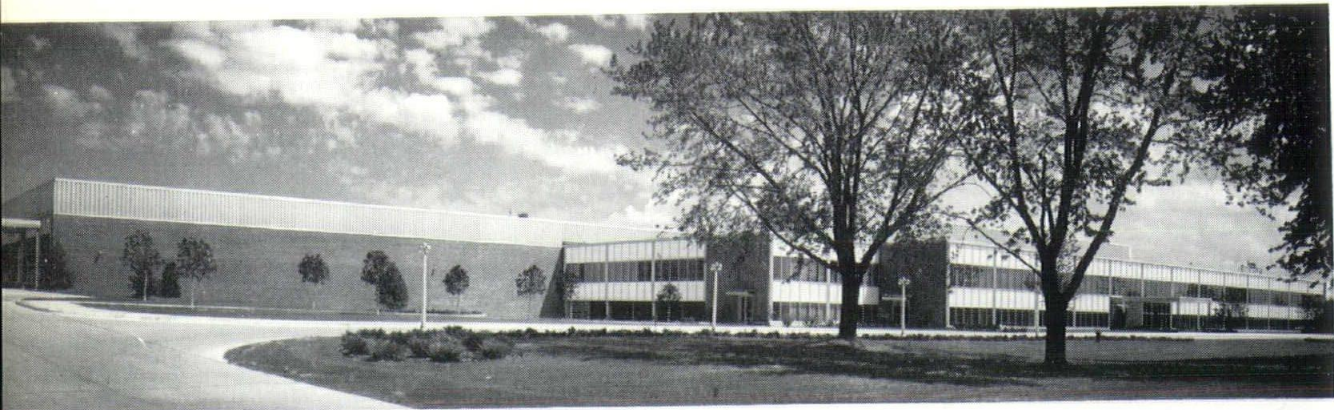


*Life Science Research Center, Wayne State University, Detroit, Michigan*

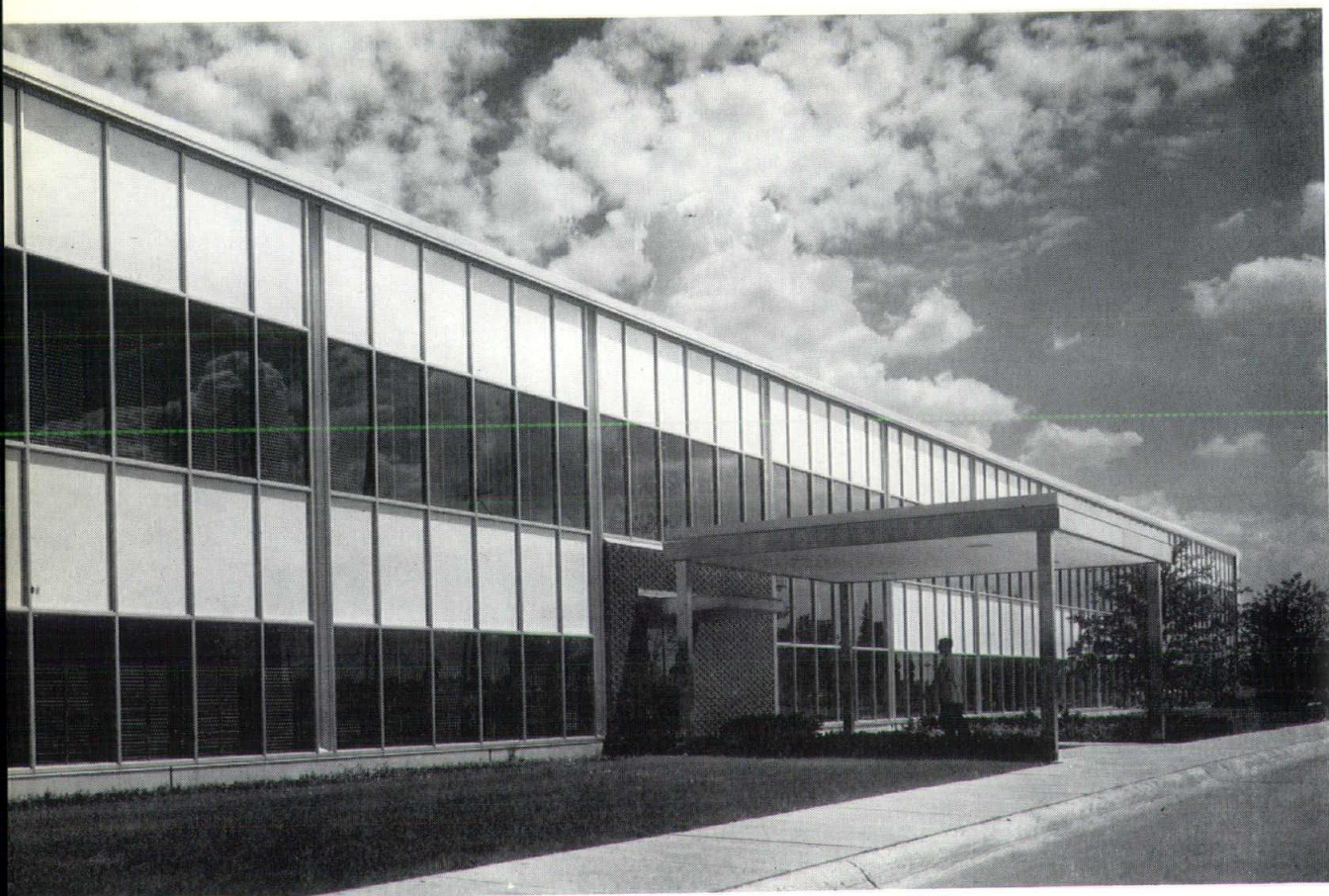


photos by Fred Stephenson





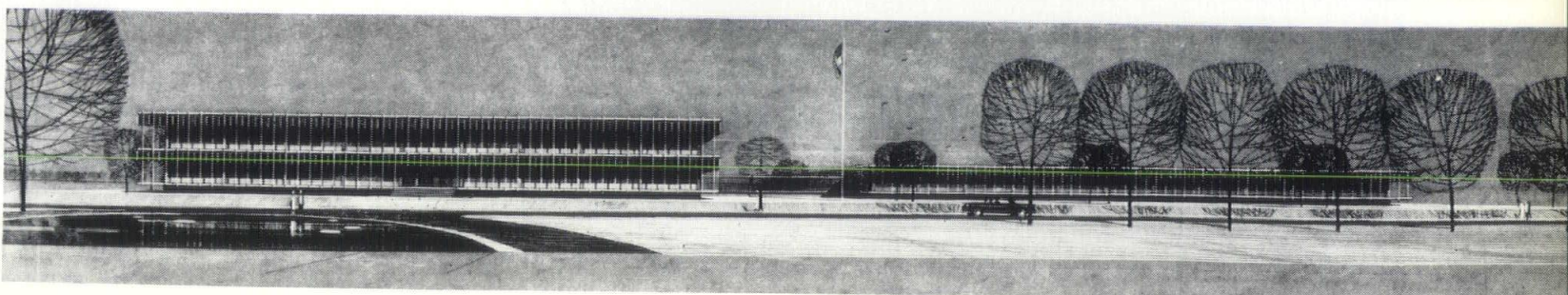
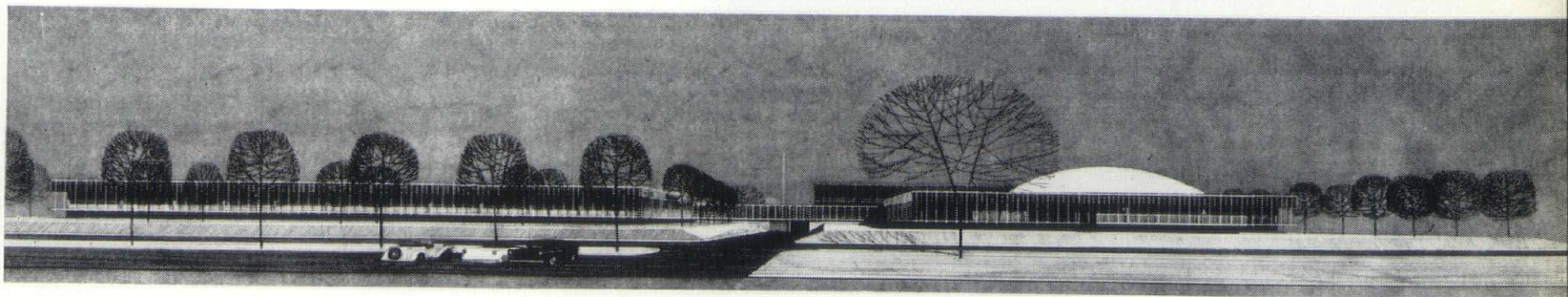
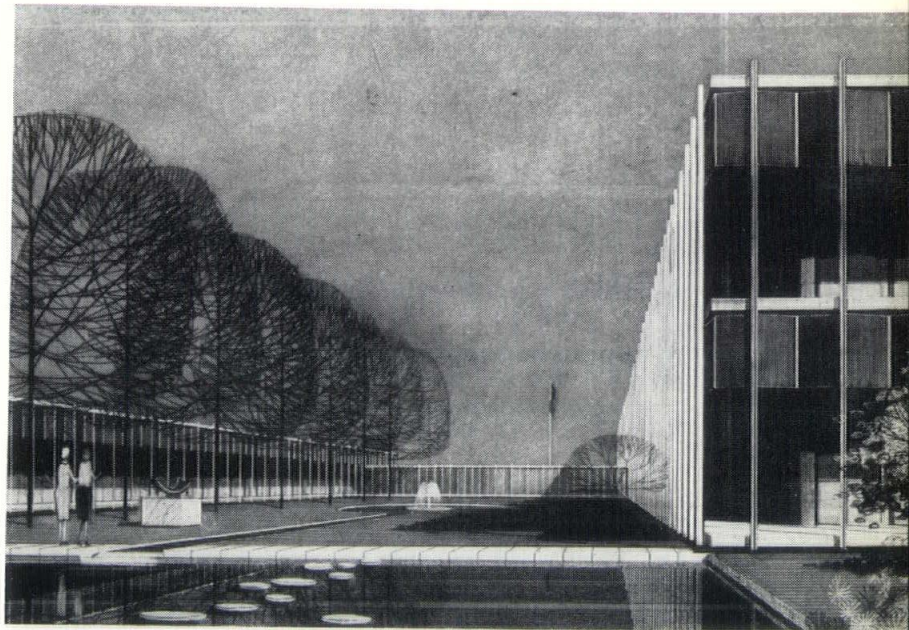
photos by Hube Henry, Hedrich-Blessing



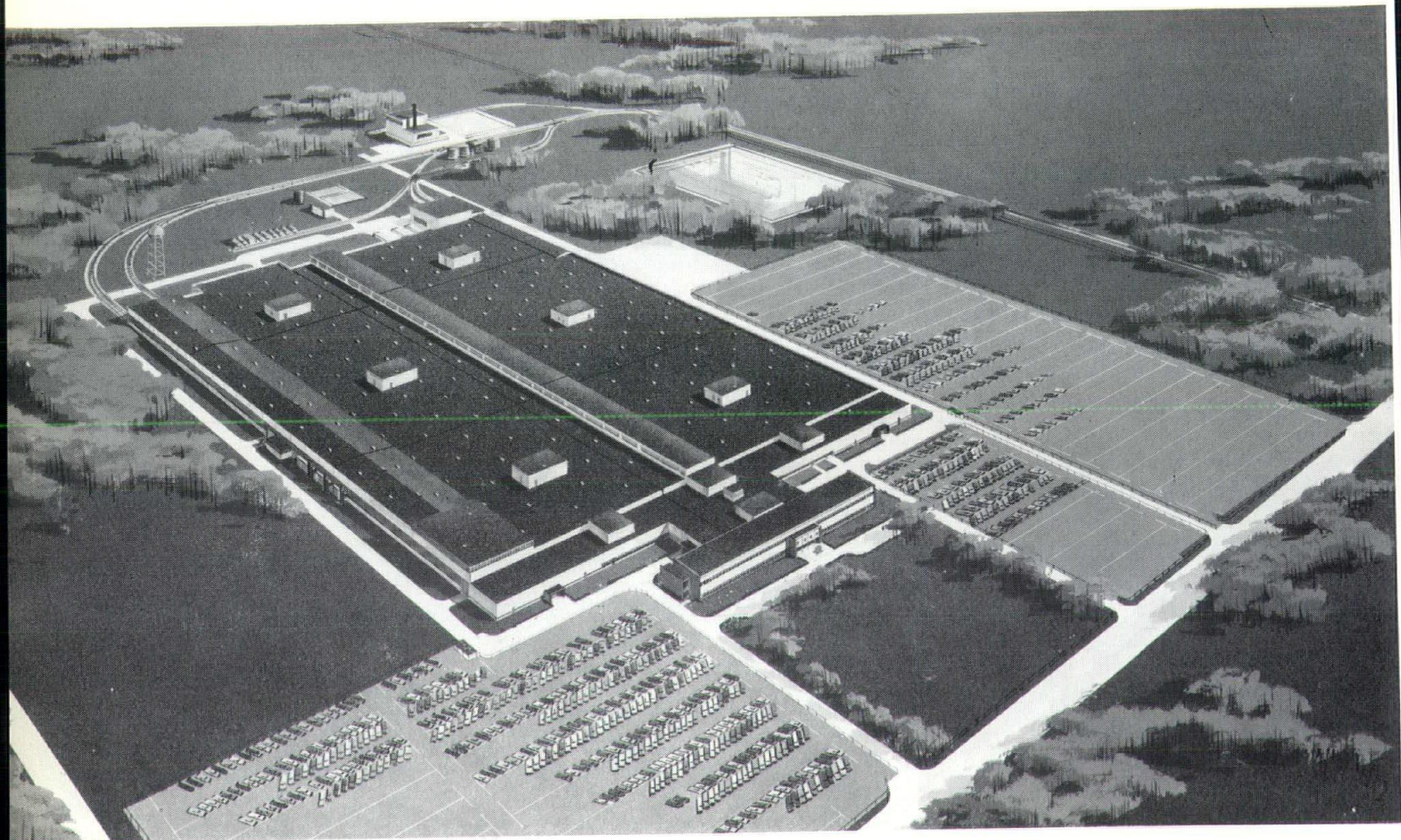
*Chevrolet Supply Depot, General Motors Corporation, Flint, Michigan*



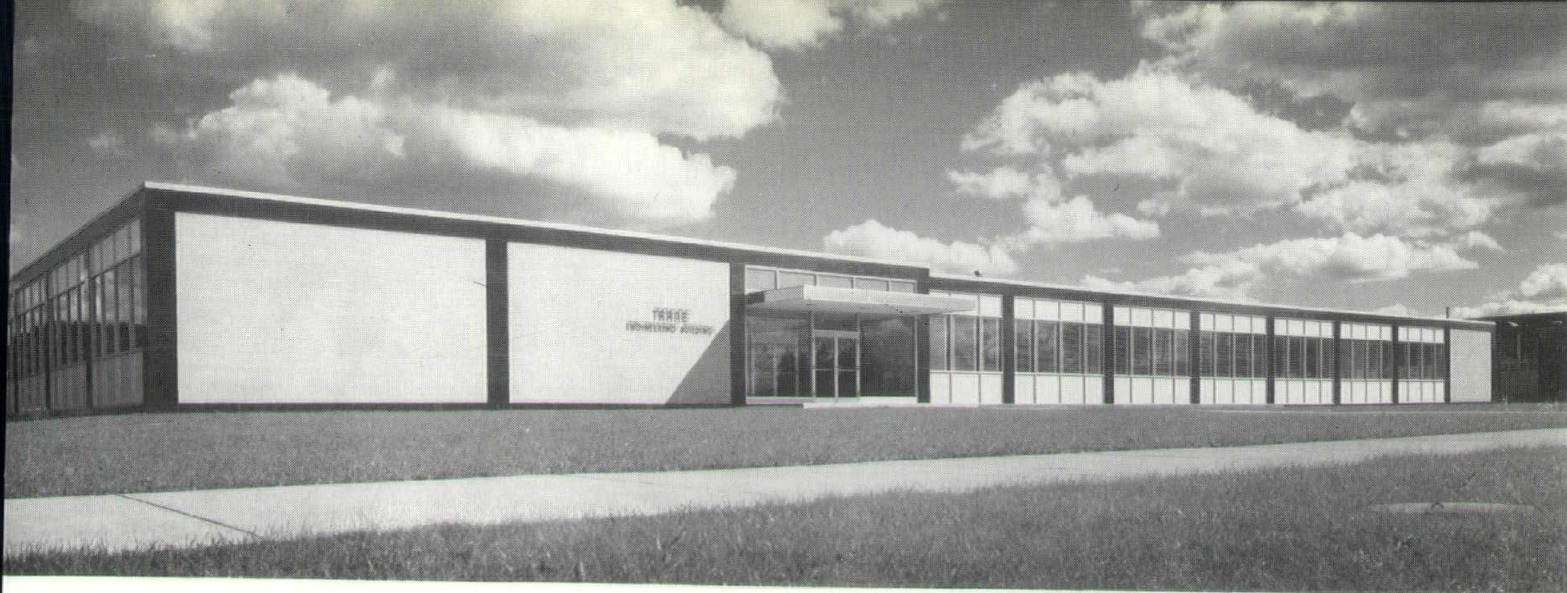
*Proposed Office Building*









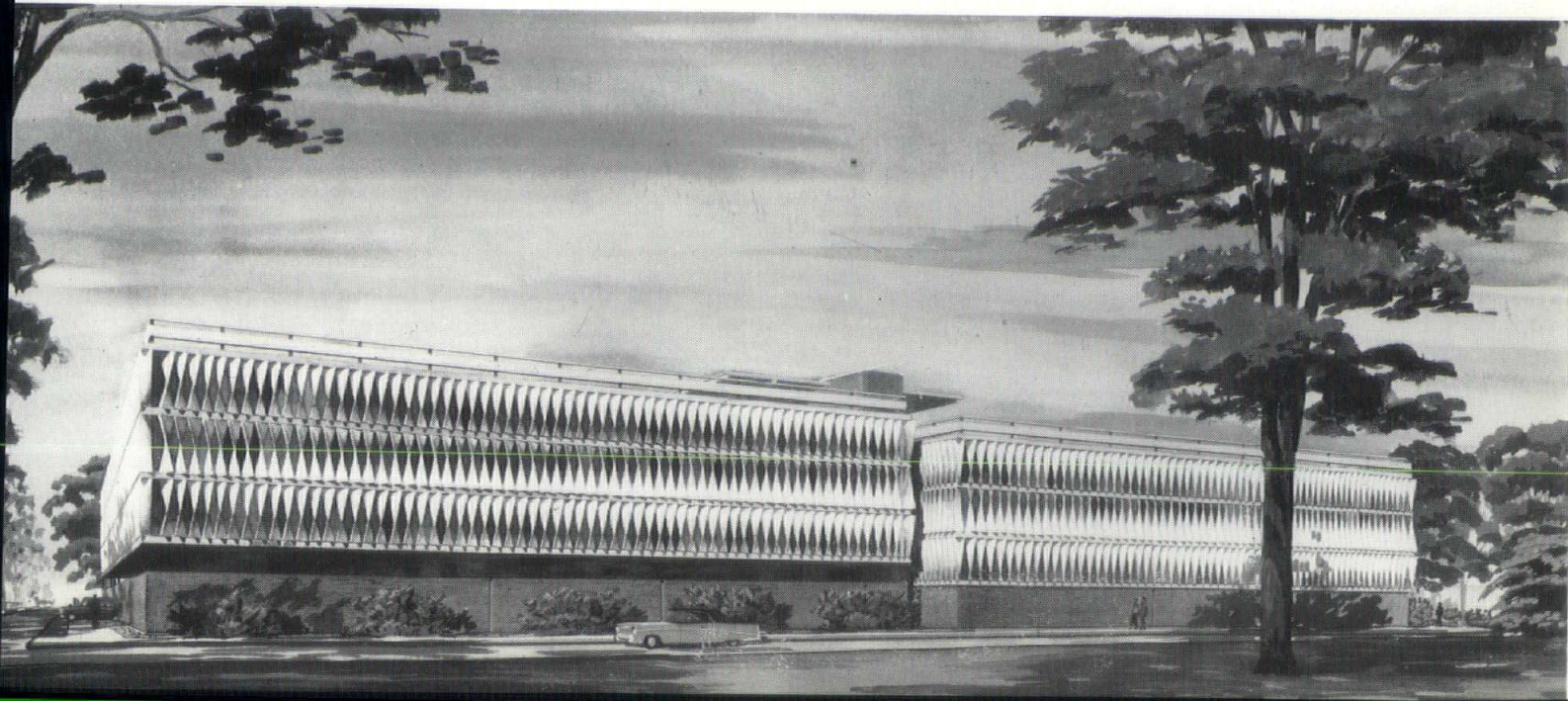


photos by Bill Engdahl, Hedrich-Blessing

*above — Engineering & Office Building, The Trane Company, La Crosse, Wisconsin*

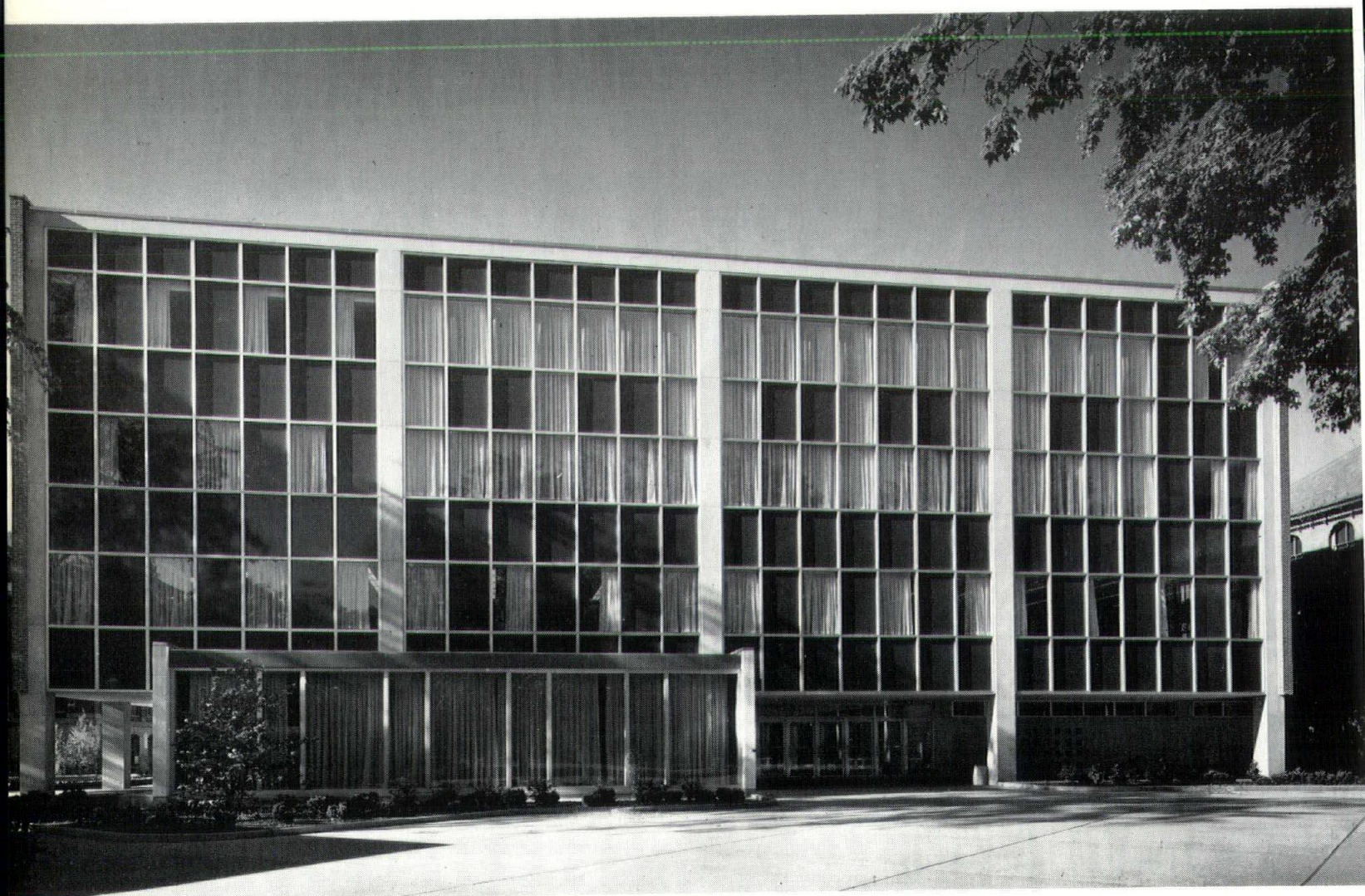
*left — Engine Plant, Ford Motor Company, Allen County, Ohio*

*below — Parking Structure, Henry Ford Hospital, Detroit, Michigan*





*Undergraduate Library, University of Michigan, Ann Arbor, Michigan*



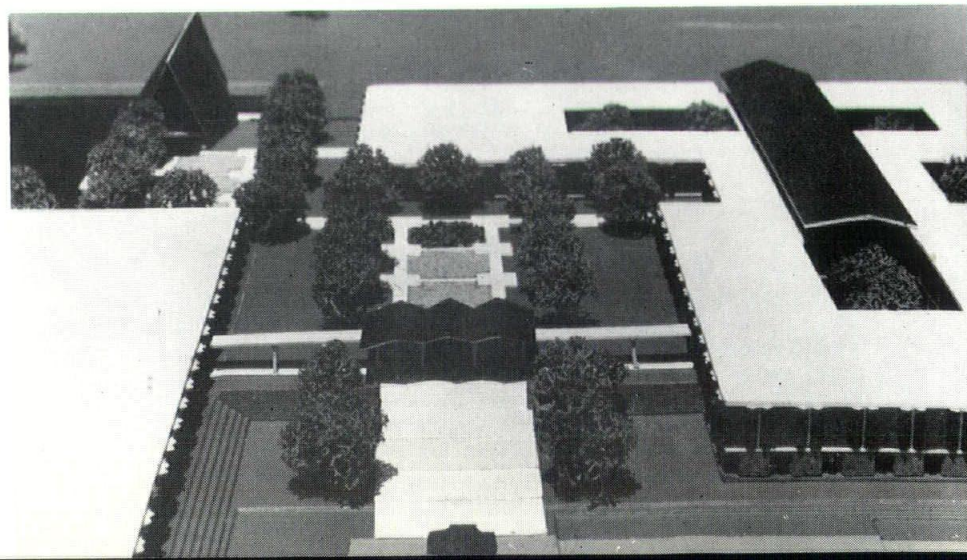
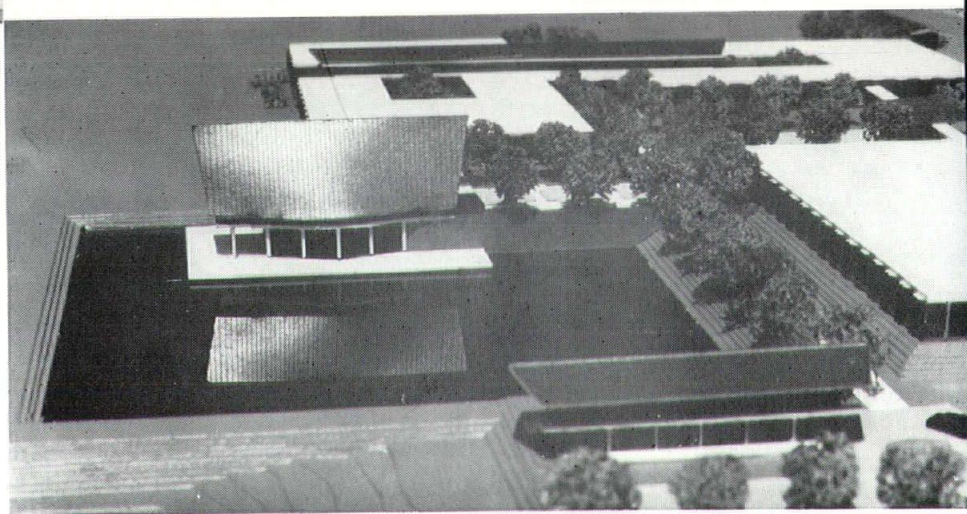
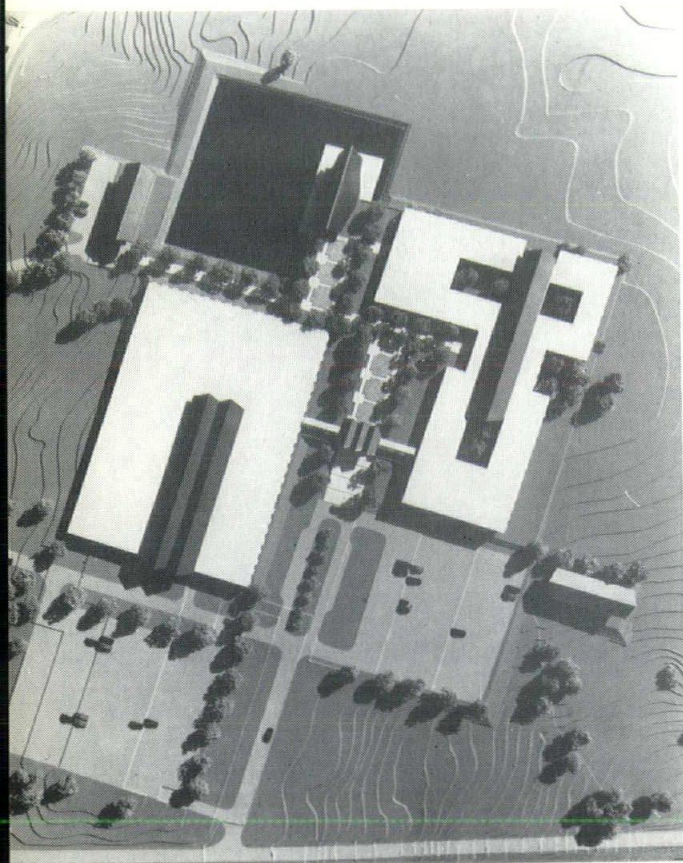




photos by Hube Henry, Hedrich-Blessing



*Study of Publishing & Administrative  
Facilities for a Religious Organization*



photos by Fred Stephenson



# Saginaw Valley Chapter, A.I.A.

Official Publication of the Saginaw Valley Chapter of The American Institute of Architects

AULDIN H. NELSON, President, 1669 N. Chevrolet Avenue, Flint 4

CLIFFORD E. GIBBS, Vice President, 5277 S. Dort Highway, Flint 4

VINCENT T. BOYLE, Secretary, 315 Post Street, Midland

ROBERT S. GAZALL, Treasurer, 602 Marquette, Flint 4

HARVEY C. ALLISON, Director, 315 Post Street, Midland

ARLEEN MONTFORD, Administrative Assistant, 120 Madison Avenue, Detroit 26



Standing left to right: George W. Sprau, Kalamazoo, President, Western Michigan Chapter, A.I.A.; Clifford E. Gibbs, Flint, Vice President, Saginaw Valley Chapter, A.I.A.; Robert S. Gazall, Flint, Treasurer, Saginaw Valley Chapter, A.I.A.; Howard E. DeWolf, Lansing, Secretary, Western Michigan Chapter, A.I.A. (seated left to right) Frederick E. Wigen, Saginaw, President, Michigan Society of Architects and Clarence L. Waters, Saginaw, Director, Michigan Society of Architects.

## SAGINAW VALLEY CHAPTER AND WESTERN MICHIGAN JOINT CHAPTER MEETING

**ONLY A HANDFUL** of Saginaw Valley Chapter members were present at the Western Michigan Chapter meeting in Battle Creek, September 21.

The Valley had been invited for an exchange of ideas in an attempt to strengthen its programs for future meetings and although the attendance was disappointing those attending felt that it had been a worth-while endeavor and plan to repeat the effort when a meeting is scheduled to be held in a city located nearer Saginaw Valley.

Bob Gazall and Cliff Gibbs, felt that the Western Michigan Chapter holds its meetings on a more formal basis but were enthused with its effectiveness.

"I was impressed with the long range planning of the Chapter Board, the excellent attendance and the sense of direction that was displayed," said Bob Gazall.

**"ARCHITECTS-ENGINEERS RELATIONS,"** both in practice and registration, was the subject of a panel discussion held between the two professional groups scheduled to meet for dinner, October 1st in Flint, at the Bishop Airport.

Architect Frederick E. Wigen, President, Michigan Society of Architects and Engineer Frederick Von Voightlander, Past President, Michigan Society of Professional Engineers were scheduled to direct the discussion.

The ultimate goal of the meeting was to establish annual meetings and strengthen the understanding between the related professions and plan a course of action to resolve problems.

The Flint area, **ARCHITECT IN TRAINING** program has confirmation of 19 firms that will participate this year.

Qualifications include: Applicants must be willing to become Associate Members of the Saginaw Valley Chapter, A.I.A., have log books and be enrolled in the National A.I.A.

A complete story on the program planned by the Flint Area Architects will appear in the November issue of the Bulletin.

**CLIFFORD E. GIBBS, AIA** has been named by the Board of Directors of the Michigan Society of Architects as chairman of the Society's 17th annual mid-summer conference to be held at the Grand Hotel on Mackinac Island August 11-13, 1960.

Gibbs was vice chairman of the 1959 conference, assisting Charles V. Opdyke of Lansing, Chairman. He is senior member of Gibbs & Tomlinson, Architects, 5227 Dort Highway, Flint, Michigan.





Albert Kahn Associated Architects & Engineers, Inc.

NATIONAL BANK OF DETROIT

**BRYANT & DETWILER CO.**

General Builders

2110 Penobscot Bldg., Detroit



# ARCHITECTONICS

Official Publication of the Western Michigan Chapter of The American Institute of Architects

GEORGE W. SPRAU, President, 410 W. Walnut Street, Kalamazoo

PAUL A. HAZELTON, Vice President, Grandview Parkway, Traverse City

F. GORDON CORNWELL, Treasurer, Anderson Building, Traverse City

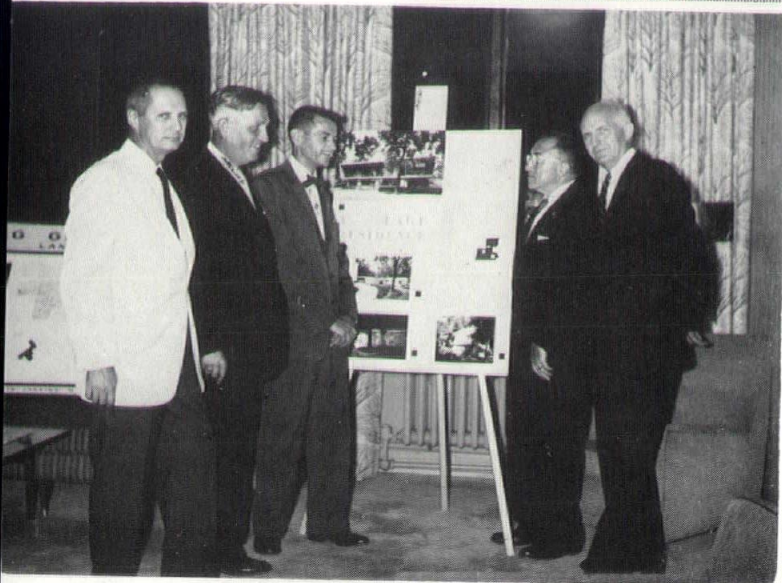
HOWARD E. DEWOLF, Secretary, 167 Maplewood Dr., East Lansing

JOSEPH T. DAVERMAN, Director, 924 Grandville Avenue, S.W., Grand Rapids 9

CLAUDE D. SAMPSON, Director, 115 Fourth Street, Jackson

IAN C. IRONSIDE, Director, 322 Oxford Road, East Lansing

ARLEEN MONTFORD, Administrative Assistant, 120 Madison Avenue, Detroit 26



**BEST OF SHOW WINNER.** Ruard Vanderploeg (center) discusses award winning mount with Jurors (left to right) Linn Smith, Birmingham, Michigan; John Noble Richards, F.A.I.A., National A.I.A. President from Toledo, Ohio; Ralph W. Hammett, College of Architecture and Design, U. of M.; Charles A. Blessing, Detroit City Planner.



**WINNERS—(left to right)** John E. Knapp and Charles A. OBryon, of OBryon & Knapp, Assoc., Grand Rapids, Honorable Mention (Grand Rapids Medical Buldg.); Richard C. Frank of Laitola & Neuchterlein, Lansing, Honorable Mention (Elementary School); George N. Williams and Phillip C. Haughey of Haughey, Black & Williams, Battle Creek, Honorable Mention (Residence).

## NINTH ANNUAL WESTERN MICHIGAN CHAPTER, HONOR AWARDS PROGRAM

The Western Michigan Chapter, Annual Honor Awards Meeting, was held at the Athelstan Club in Battle Creek, September 21. Ninety members and guests gathered for the first meeting of the fall season. It was a joint meeting for the Chapter with the MSA Board and a handful of Saginaw Valley members present. George N. Williams of Haughey, Black and Williams, Battle Creek was Chairman of the Day.

With summer out of the way important decisions were made to make ready for a new year of Chapter business, however, the main feature of the meeting was the award program. The November issue of the Bulletin will feature the winners in a special section.

**FIRST PLACE, SCHOOLS—**Gordon F. Cornwell, Traverse City, posed with his prize-winning mount.

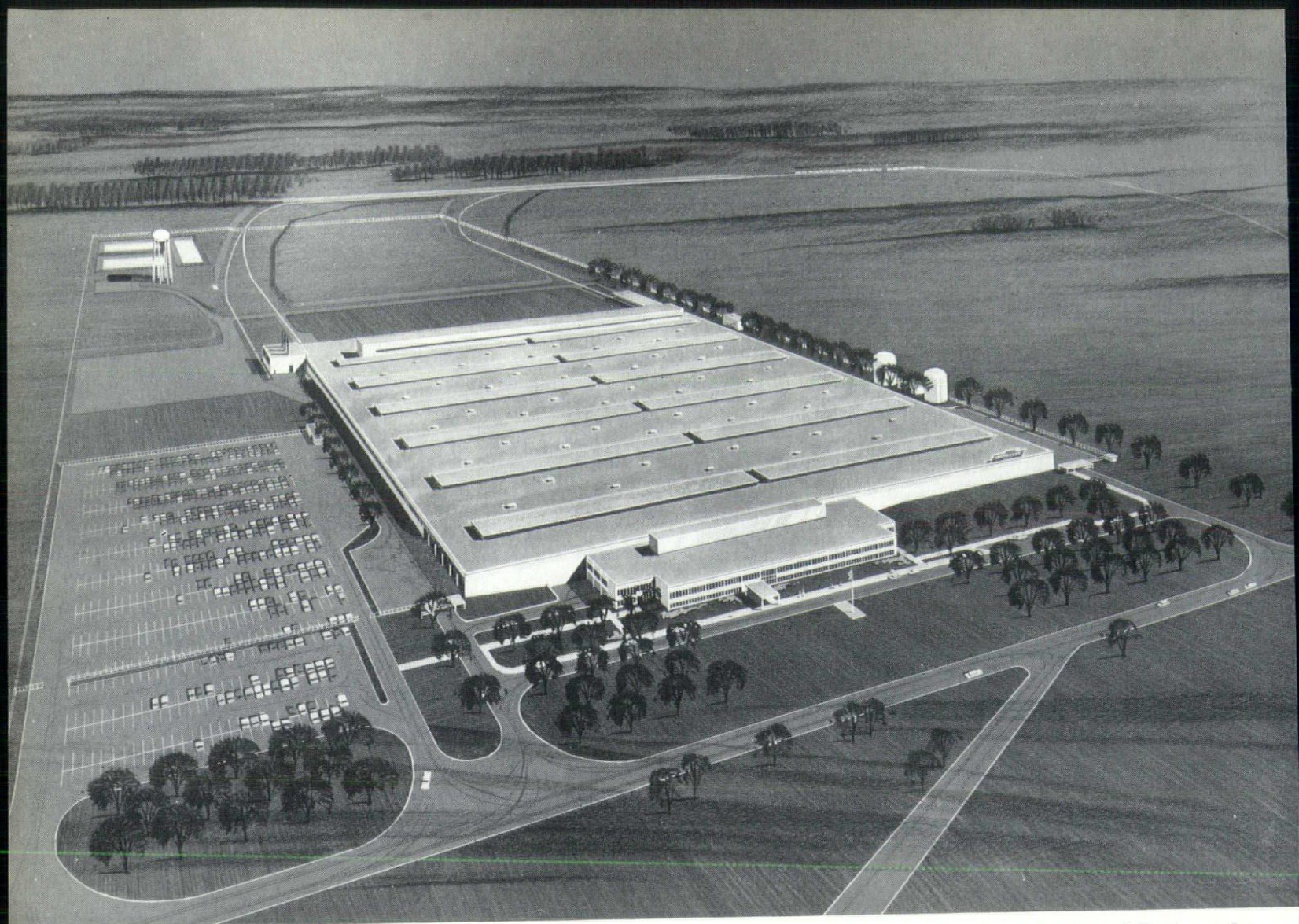


The Nominating Committee announced the following slate for the coming election of officers: President, Charles V. Opdyke, Lansing; Vice President, David E. Post, Grand Rapids; Secretary, Robert I. Freeman, Lansing; Treasurer, Gordon A. Belson, Battle Creek; Director, Gordon F. Cornwell, Traverse City; MSA Directors, Charles A. OBryon, Grand Rapids and George W. Sprau, Kalamazoo.

**WINNERS—(left to right)** Lewis J. Sarvis, 1st Place Commercial & Industrial (Battle Creek Airport); Paul E. Flanagan from Roger Allen & Assoc., Grand Rapids, Honorable Mention (Nurses Home); Ruard Vanderploeg and Gordon A. Belson, both from firm of Lewis J. Sarvis, Battle Creek. Two firms, David E. Post, Grand Rapids (Grand Rapids Bank) and Clark R. Ackley, Lansing (Elementary School) winning Honorable Mention Awards were not present at the meeting.







Albert Kahn Associated Architects & Engineers, Inc.

# The Zack Company

Ventilating and Air Conditioning Contractors

Chevrolet Flint Major Supply Depot

Flint, Michigan

FABRICATORS OF MISCELLANEOUS IRON . . . STRUCTURAL STEEL . . . KITCHEN EQUIPMENT

Main Office: 4600 West Twelfth Place, Chicago, Illinois

201 CRAPO STREET • FLINT, MICHIGAN • Telephone CEDar 2-2157



# THE MICHIGAN SOCIETY OF ARCHITECTS AT THE CONFERENCE ON AGING

LAST JUNE at the same time that the A.I.A. was holding its convention in New Orleans, another conference was held at Ann Arbor, Michigan, that in its own way was also outstanding and of importance. There were certain similarities between the two. Both had the word "Design" on their masthead and at both there were many architects in attendance.

This 12th Annual conference on Aging at Ann Arbor was a good conference. It was put on by the University of Michigan under the Chairmanship of Dr. Wilma Donahue. The theme was "Designs for Retirement" and perhaps this theme should have a major and a minor with "Work" as the minor. It was a hard working, earnest group of about 1,200 people from every state in the union: Clergymen, sociologists, social workers, architects, doctors and people representing Labor, Fraternal and Religious groups as well as many interested laymen. During the day they attended workshops, heard lectures and swapped information. In the evening they dined together and

relaxed by listening to debates about problems of the aging.

The total conference consisted of five parts, one of which was devoted to Housing and it was there that the M.S.A. was involved. It was a great opportunity, a chance to be of service and to contribute. Many architects who participated were active on panels, they gave lectures, showed slides and studied an exhibit of Housing for the Aged that was exceptionally well done. This exhibit was a great success. Conducted by the two "Jacks" Begrow and Brown, it showed how much has already been accomplished in this relatively new field. It added a great deal to the total effort and was well attended. Besides that the Michigan architects fared well when the prizes were awarded.

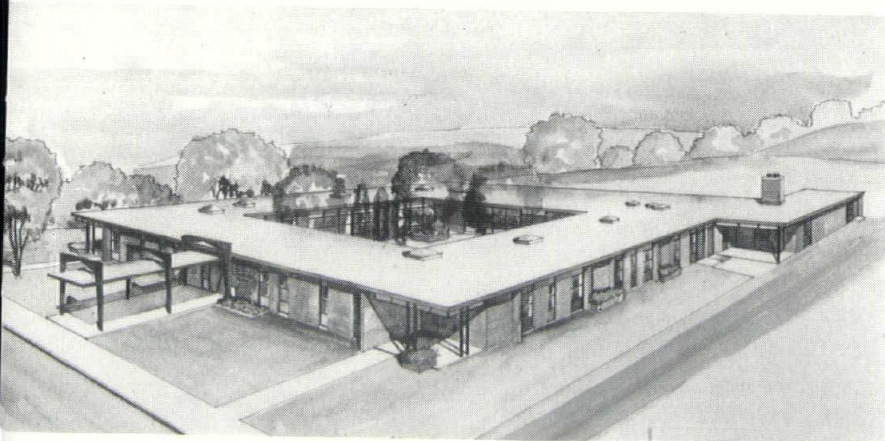
Now it really is amazing when thinking about all these things how much practical thinking on housing for the aging has been done and how many good examples are already available. Architects and others who make up the programs have done much and lots of information is at hand

but in scattered form. What seems to be needed now is mostly a correlation of all this thinking and data, something in the nature of what has been done for schools and hospitals and that may well be part of the next steps which are to be taken. This conference fitted in with another one which was held immediately afterward and was preparatory to the White House Conference on Aging which will be held in January, 1961 in Washington, D.C. From now until this White House Conference is held more preparations must be made by all who are concerned and the Michigan Society of Architects certainly is not the least among those.

This is not the time to relax. It is good that we were there and took part in this inspiring effort but there is more to come. Fortunately the opportunities are there and will present themselves before January, 1961. We have begun—let's follow through.

By PETER VANDER LAAN, A.I.A.  
2nd Vice President,  
Michigan Society of Architects

## THE ELEVEN OUTSTANDING DESIGNS FOR RETIREMENT WITH THEIR CITATIONS, GIVEN AT THE 12TH ANNUAL CONFERENCE ON AGING AT THE UNIVERSITY OF MICHIGAN, APPEAR ON THE FOLLOWING PAGES



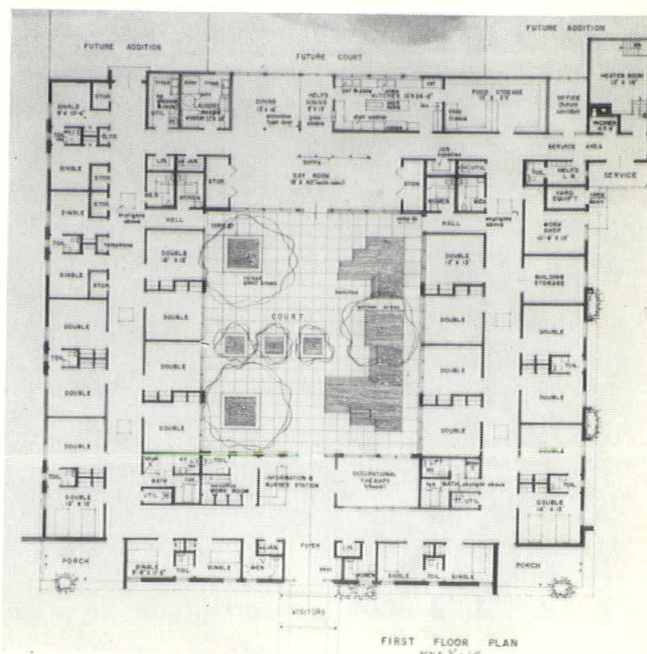
**THE HAWLEY NURSING HOME  
ADRIAN, MICHIGAN**

**J. Wesley Olds, A.I.A.  
Okemos, Michigan  
Architect**

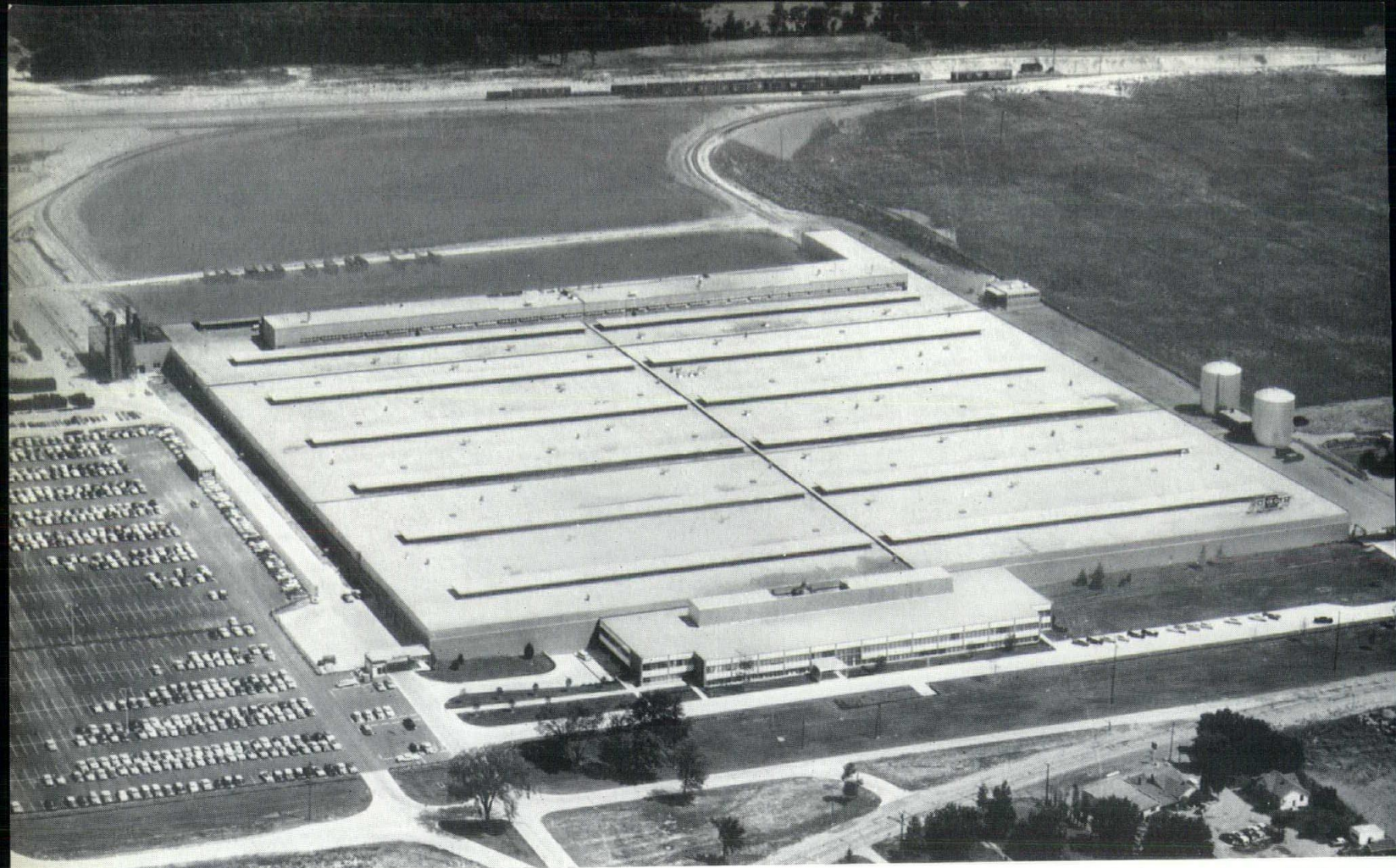
### NURSING HOME CITATION:

*"Pleasant, Economical Design"*

Building with 12,780 sq. ft. designed around a garden court to house 40 residents in larger than minimum sized rooms (12' x 13'). Thirty-two in double rooms and an addition of 40 more to be served by same kitchen and day room, laundry, heater room and other main utilities. Garden views for many rooms a special feature. Cost: \$200,000







Albert Kahn Associated Architects & Engineers, Inc.

# J. A. Utley Co.

## General Contractors

Chevrolet Flint Major Supply Depot  
Flint, Michigan



SERVING ARCHITECTS AND OWNERS FOR OVER 40 YEARS

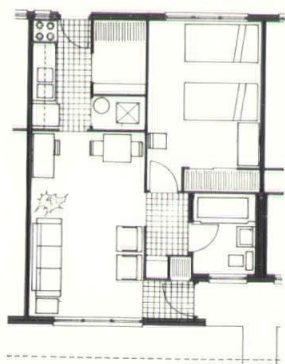
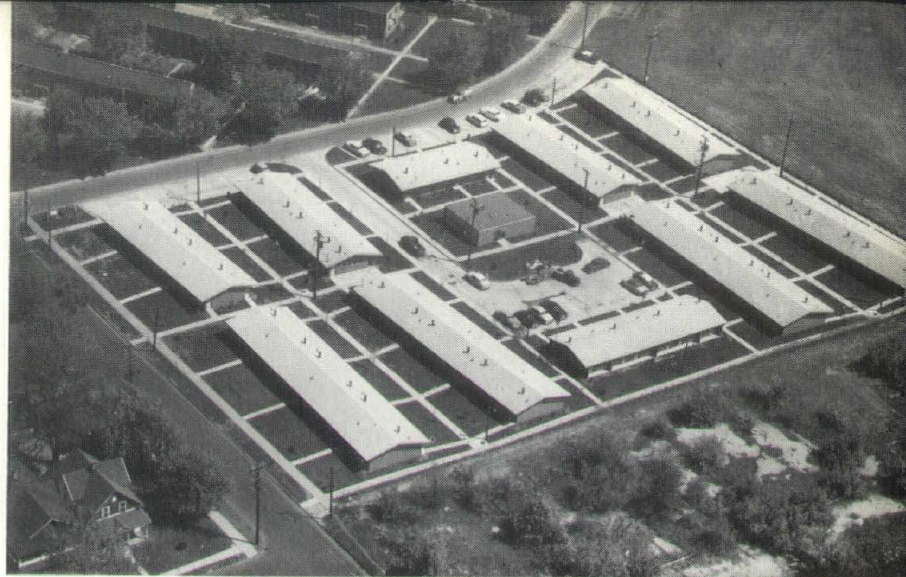
723 East Ten Mile Road • Royal Oak, Michigan • JOrdan 4-6960 • LIncoln 1-3280  
*Flint Branch Office* • 3128 Lapeer Road • FInt, Michigan • CEdar 5-3543

October '59 Monthly Bulletin

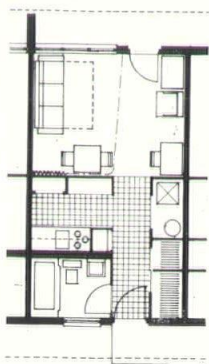


**GIDEON SPIEKER TERRACE  
TOLEDO METROPOLITAN HOUSING AUTHORITY  
TOLEDO, OHIO**

**Munger, Munger and Associates  
Toledo, Ohio  
Architects**



ONE BEDROOM UNIT

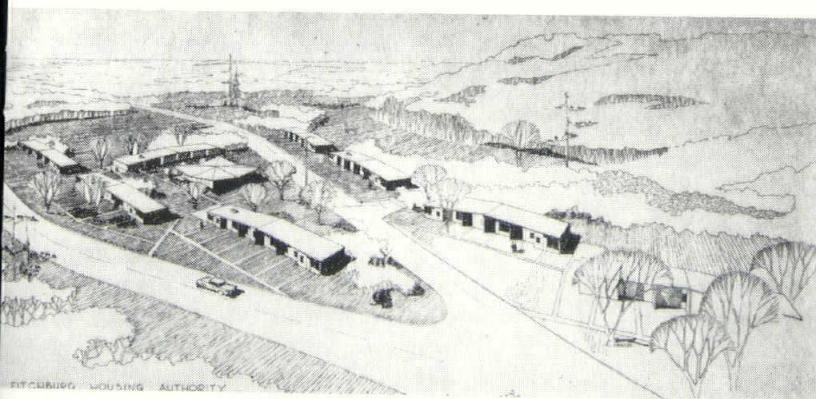


ZERO BEDROOM UNIT

**ROW HOUSING CITATION:**

*"Good, Modest Housing for Low Income Elderly"*

Ten single-story apartment buildings, plus community building, housing 94 persons in 44 one bedroom apartments and 6 zero bedroom apartments. Each apartment contains refrigerator, electric range, sink, wall storage cabinets, wall slot for mail, emergency buzzer, individual gas burning water and space heaters and bathtub with built-in seat and hand rail. Site 2.64 acres; buildings 29,812 sq. ft.; cost: \$511,468



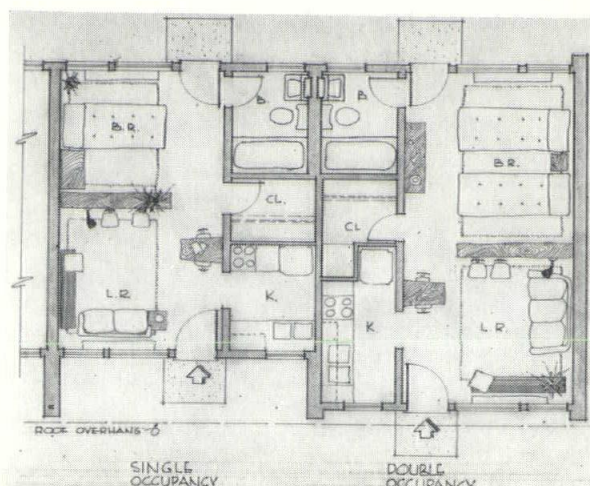
**CANTON VALLEY TERRACE  
FITCHBURG HOUSING AUTHORITY  
FITCHBURG, MASSACHUSETTS**

**William Hoskins Brown, A.I.A.  
Boston, Massachusetts  
Architect**

**ROW HOUSING CITATION:**

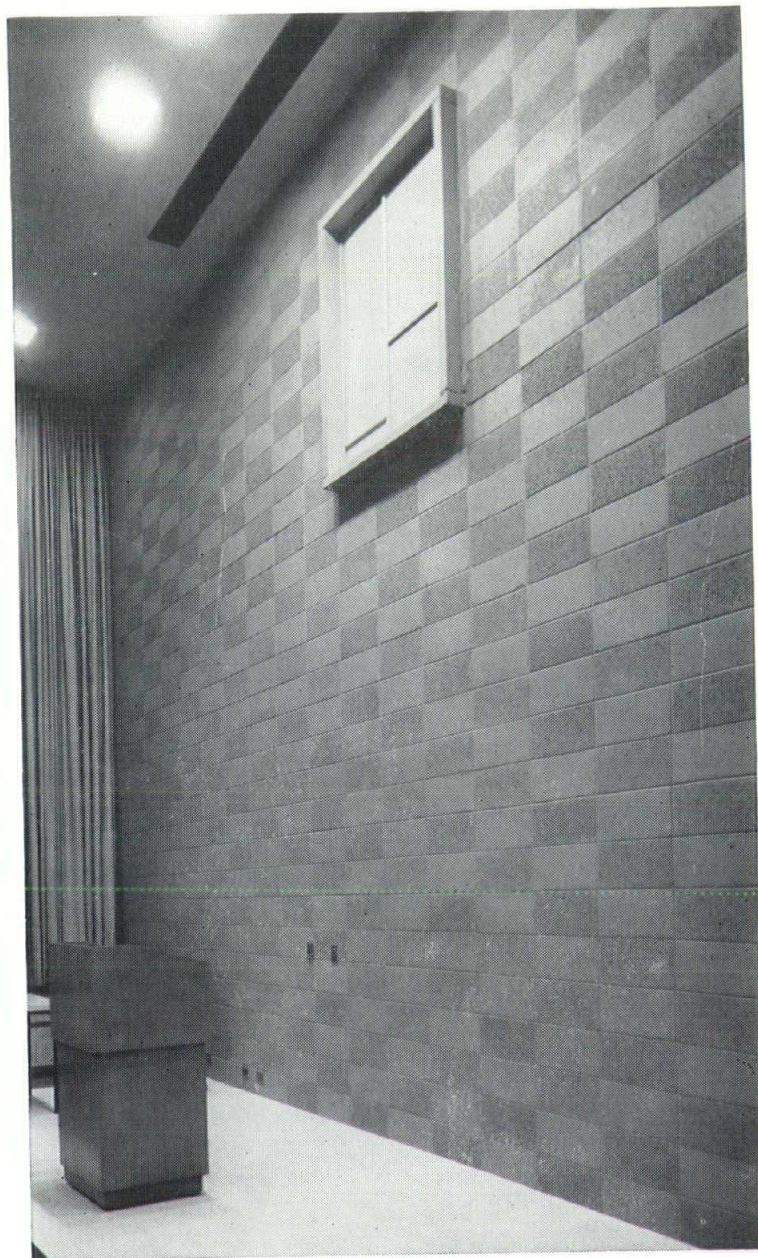
*"Excellent Design"*

48 apartments, 16 for double occupancy, 32 for single on site 120,000 sq. ft. Eight buildings—6 apartments each; utility rooms in four buildings. Gross area: doubles 387 sq. ft., singles 329 sq. ft. Objective: To make small space seem larger; achieve maximum variety in spite of repeated similar plans; provide maximum variety of outlook from each apartment. Site work and construction \$345,000. Each apartment \$7,200. Community building \$29,000





# HORN-CLAVED UNITS in the U. of M. Library



Attractive HORN-CLAVED Lightweight Concrete Masonry Units, cured by High-Pressure Steam, have been used extensively as exposed interior walls in the construction of the University of Michigan Undergraduate Library.

The illustration shows the eye-catching stack-bond checkerboard wall pattern formed by these units in the Library's Multi-Purpose Room.

Whatever the use—for utility, glamour, or both, insist on HORN-CLAVED Units . . . the finest in lightweight concrete masonry units.

Architect—  
Albert Kahn Assoc.,  
Architects & Engineers, Inc.  
General Contractor—  
Spence Brothers

Reliable Manufacturers  
of Light-Weight Concrete  
Masonry Units Since 1923

## CINDER BLOCK INC.

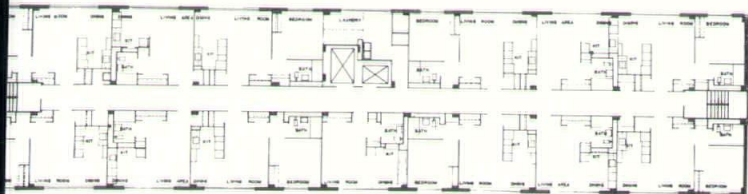
9143 HUBBELL AVE. • DETROIT 28, MICHIGAN



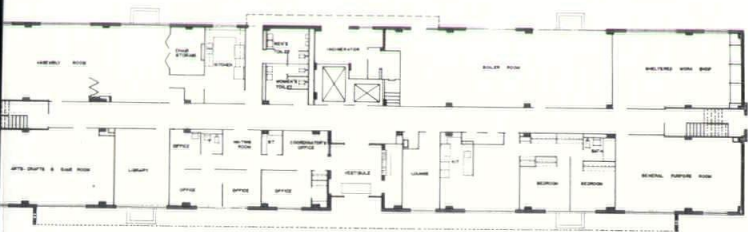


**HOUSING FOR ELDERLY  
FOR CHICAGO HOUSING AUTHORITY  
CHICAGO, ILLINOIS**

**Loewenberg & Loewenberg  
Chicago, Illinois  
Architects & Engineers**



TYPICAL FLOOR PLAN



FIRST FLOOR PLAN

**HIGH RISE APARTMENTS CITATION:**

**"Good Simple Plan"**

Building contains 91 apartments; 56 consist of living room, dining area, kitchen and bedroom and bath; 35 apartments consist of living room, dining area, kitchen and bath. Special features: Bathroom handrails, non-stoop kitchen equipment, eye level shelves, extra wide corridors, automatic gas shut off in case of pilot light failure, doors wide enough to permit passage of wheelchairs, hospital size elevators and non-slip floors

**LYNDAL HOMES  
FOR MINNEAPOLIS HOUSING AND  
DEVELOPMENT AUTHORITY  
MINNEAPOLIS, MINNESOTA**

**Thurshov & Cerny  
Minneapolis, Minnesota  
Architects & Engineers**



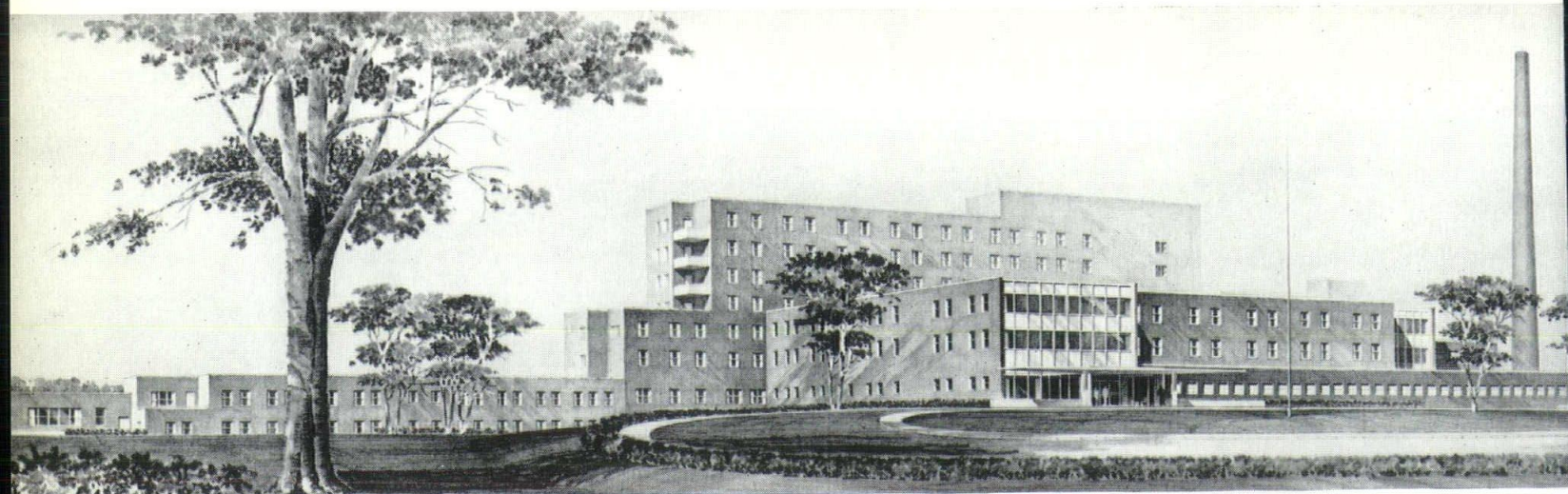
**HIGH RISE APARTMENTS CITATION:**

**"Good, Compact Design"**

Twelve-story elevator building with 88 dwelling units split equally between one bedroom and efficiency types. Ground floor provides spaces for general resident use. Includes crafts shop and multi-purpose community room, equipped with small kitchenette. The project has 5-bedroom row house units as well—providing for a wide range of family age and size. Cost: \$2,200,000







Albert Kahn Associated Architects & Engineers, Inc.

# O. W. BURKE COMPANY

## GENERAL CONTRACTORS

SINAI HOSPITAL ADDITION  
DETROIT, MICHIGAN



**TRinity 5-0810**  
**FISHER BUILDING**

**DETROIT 2, MICHIGAN**





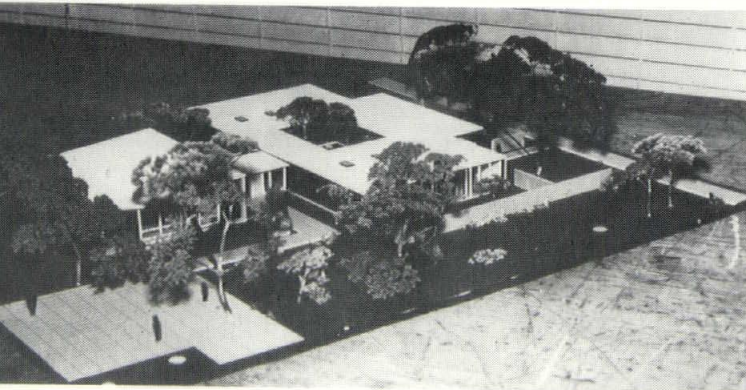
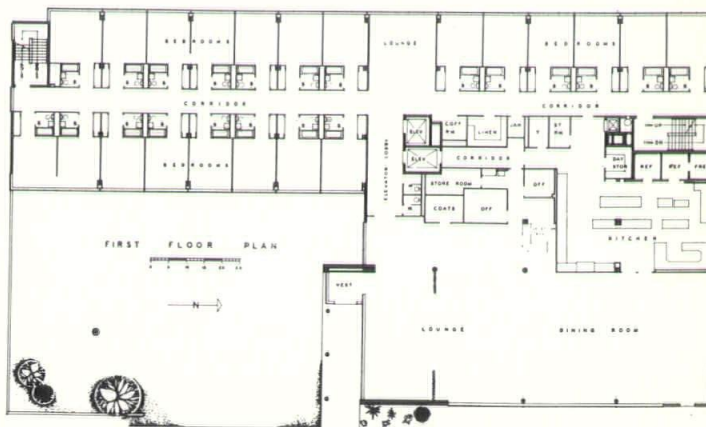
**NORSE HOME  
SEATTLE, WASHINGTON**

**Edward Mahlum, A.I.A.  
Seattle, Washington  
Architect**

**INSTITUTIONAL HOUSING CITATION:**

**"Straight Forward, Efficient Design"**

67 apartments, each having living-sleeping room with complete bathroom with shower and large closet. In basement laundry, coffee room and various service rooms. Libraries on second and fourth floors. Entire third floor is infirmary. Unnecessary doors excluded as much as possible in plan. Carpets throughout except asphalt tile in infirmary. Floor area: 100,000 sq. ft. Completely furnished and equipped, ready to operate. Cost: \$1,400,000



**RESIDENTIAL CENTER  
FOR THE ELDERLY**

**University of Illinois  
School of Architecture  
Bruce W. Harrison, Student**

**INSTITUTIONAL HOUSING CITATION:**

**"Best Student Work"**

Community site in well established neighborhood. Adjacent to site is an existing church with informal walk and garden connecting the site. Housing in four units of 12 people around central courtyard. All facilities are arranged. "H" shape in separating living area from sleeping area. Basically one that can be used for any single family.







*Naturally your customers are more easily sold*

## **A modern gas furnace gives them so much more for so much less!**

**So much more** convenience. A modern, automatic gas furnace takes up no more space than a closet, can be hidden right in the kitchen. It's clean, quiet, simple to control and maintain. What's more, continuous, dependable gas ends furnace tending, fuel storage and handling.

**So much less** operating cost. When you install modern gas furnaces, home owners actually can save up to  $\frac{1}{3}$  on fuel. Even more with a gas

air conditioner. In new construction, in remodeling, nothing offers the advantages of gas.

**Is it easier to sell?** Definitely! You'll find most customers are pre-sold on the general benefits and savings they get with gas. Show them the particular advantages of a gas furnace. Install more gas furnaces. Sell gas furnace features. It's profitable!

MICHIGAN CONSOLIDATED **GAS** COMPANY

## **So much more for so much less—GAS naturally**

Tune in "BUSINESS BAROMETER"—WJR, Monday through Friday—6:50-7:00 P.M.



**PRESBYTERIAN VILLAGE  
SYOSSET, LONG ISLAND  
NEW YORK**

**Smith, Hinchman & Grylls, Assoc., Inc.**  
Detroit, Michigan  
Architects & Engineers



**INSTITUTIONAL HOUSING CITATION:**

**"Excellent Use of Site"**

Eleven acre site formerly private estate. Existing buildings utilized in overall plan. Their location exerted influence on arrangement of buildings. Provisions for additional 26 guests made. Operational costs minimized by attaching first unit to existing facilities. Total project to include one-bedroom apartments, bachelor apartments, nursing unit and individual homes in addition to community residence



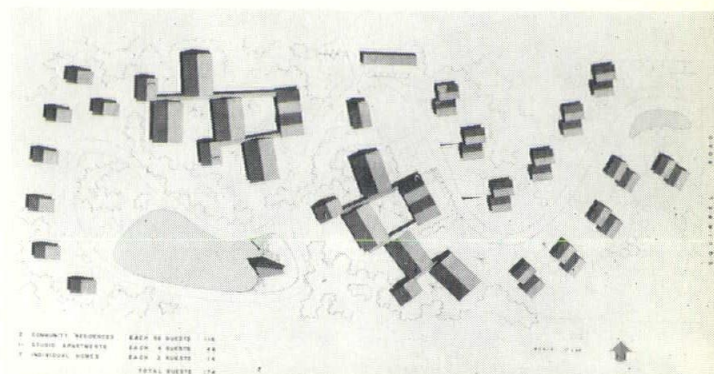
**ST. ANNE'S MEAD  
EPISCOPAL HOME FOR THE AGED  
DETROIT, MICHIGAN**

**Smith, Hinchman & Grylls, Assoc., Inc.**  
Detroit, Michigan  
Architects & Engineers

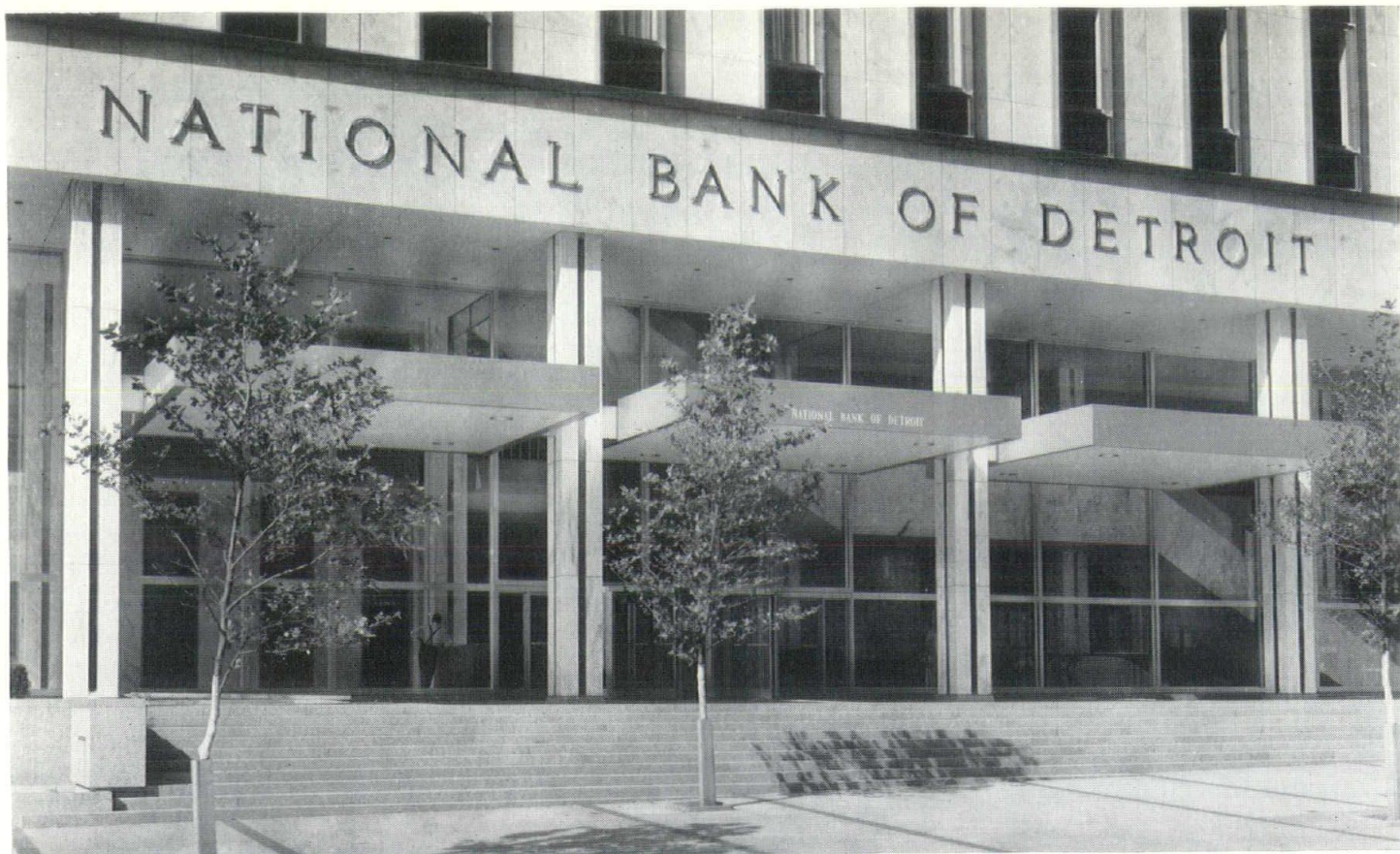
**INSTITUTIONAL HOUSING CITATION:**

**"Excellent Design & Use of Site"**

Fifteen acre site. Unit for 32 guests, infirmary and quarters for matron, plus kitchen, dining and lounge areas built with provision for expansion to provide for additional 16 guests. Design of community residence affords large court which permits longer season for outdoor activities. Smaller units permit building to assume residential scale and further permits kindred relationship to smaller apartment units







**CLASSIC IDENTIFICATION FOR NATIONAL BANK OF DETROIT**  
by **Brown & Raisch**



28 Inch High Cast Bronze Prismatic Face  
Architectural Letters With  
24 Carat Gold Plated Finish

Albert Kahn Associated  
Architects & Engineers, Inc.  
Bryan & Detwiler Co.  
General Contractors

**BROWN & RAISCH CO.**

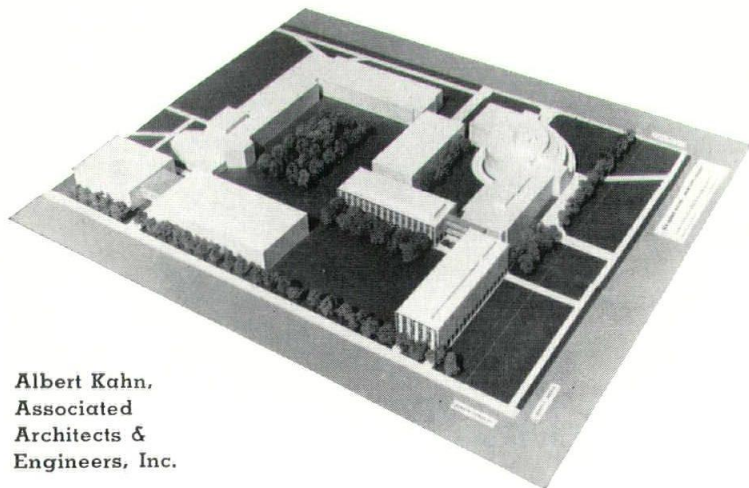
17125 Van Dyke Avenue • Detroit 34, Michigan • TWInbrook 2-6200

Building Granite • Job Site Granite Cutting • Cast Bronze & Aluminum Letters and Tablets • Supersines

**DETROIT STERLING HARDWARE COMPANY**

COMPLETE HARDWARE SPECIFICATION SERVICE

DISTRIBUTORS:  
RUSSWIN  
and other Nationally  
Recognized Products



Albert Kahn,  
Associated  
Architects &  
Engineers, Inc.

FINISH HARDWARE SUPPLIED for  
SCIENCE BUILDING — WAYNE STATE UNIVERSITY  
Detroit, Michigan

10530 PLYMOUTH ROAD

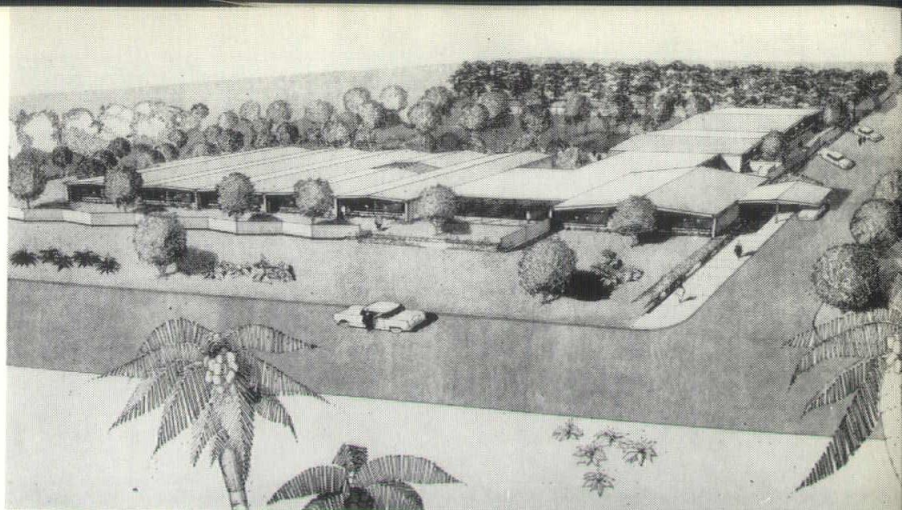
DETROIT 4, MICHIGAN

TELEPHONE: WEBSTER 3-1335



**McWILLIAMS NURSING HOME**  
**SOUTHGATE**  
**SARASOTA, FLORIDA**

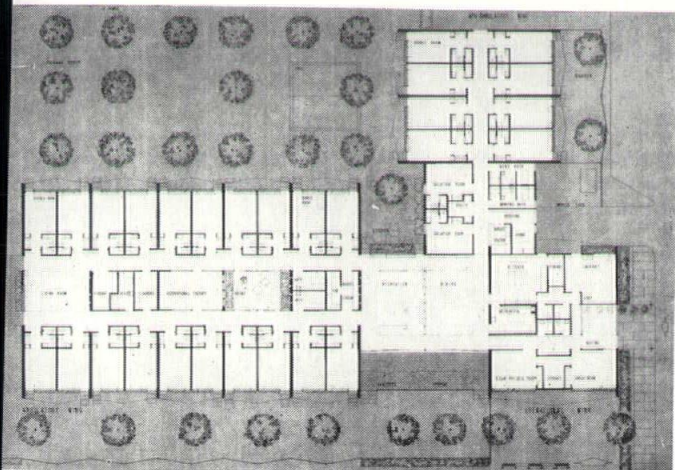
**Begrow & Brown**  
**Birmingham, Michigan**  
**Architects**



**NURSING HOME CITATION:**

***"Excellent Environment"***

Thirty-room, 17,555 sq. ft. Three separate wings: ambulatory residents, non-ambulatory residents, and third one that is used as entrance, administrative, clinic, kitchen and service. In ambulatory wing some rooms open into large living room overlooking garden terrace. Additional facilities include interior sun and garden court, occupational therapy room. Cost: \$229,970



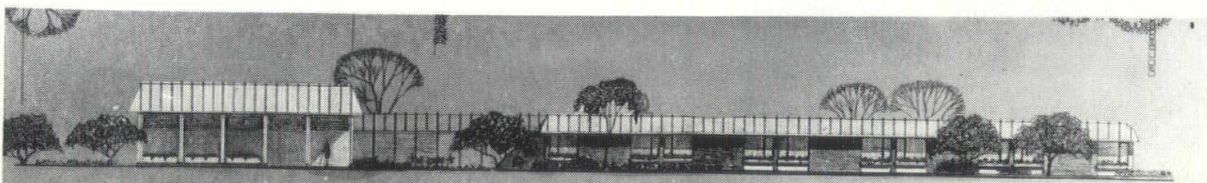
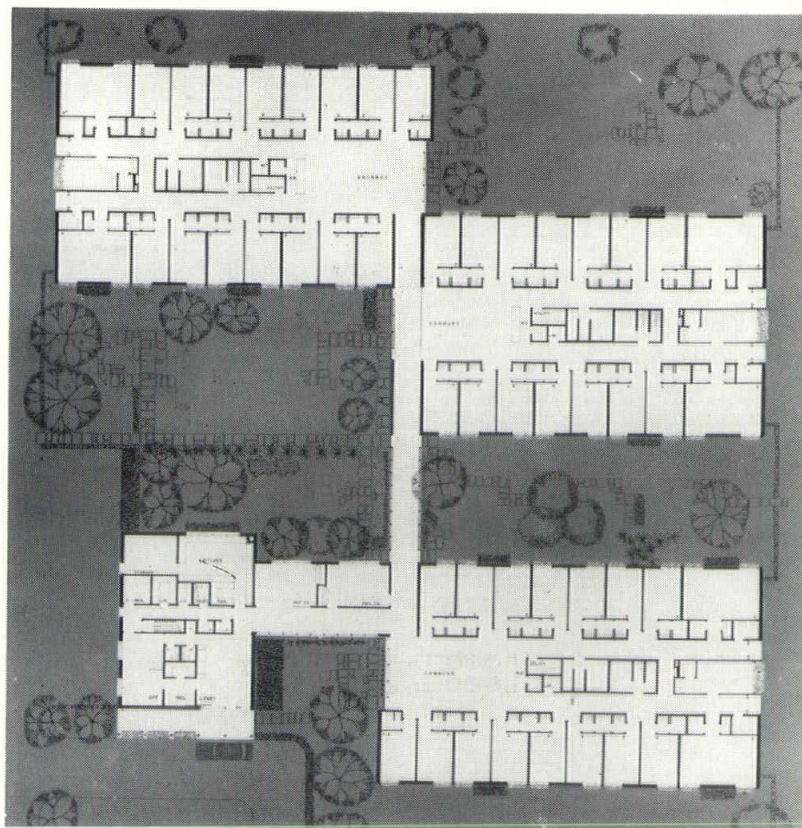
**CLINTON CONVALESCENT CENTER**  
**DETROIT, MICHIGAN**

**Begrow & Brown**  
**Al. Bruner, Project Manager**  
**Birmingham, Michigan**  
**Architects**

**NURSING HOME CITATION:**

***"Interesting Orientation and Design"***

Two acre site, 100-bed nursing home, near congested intersection. Isolate residents from streets by using inclosed garden courts. Divided into three villages each of 32-36 residences with their own commons for dining living activities. Each wing self contained with bath and nursing station. Size: 26,244 sq. ft. Cost: \$275,000





*We are proud of  
our part in  
furnishing the*

## **BULLET PROOF SECURITY DOORS**



*for the new* **National Bank of Detroit**

The ultimate in protection for your valuables! Bullet-Proof doors that guard the vault area in the lower banking floor of the new National Bank of Detroit.

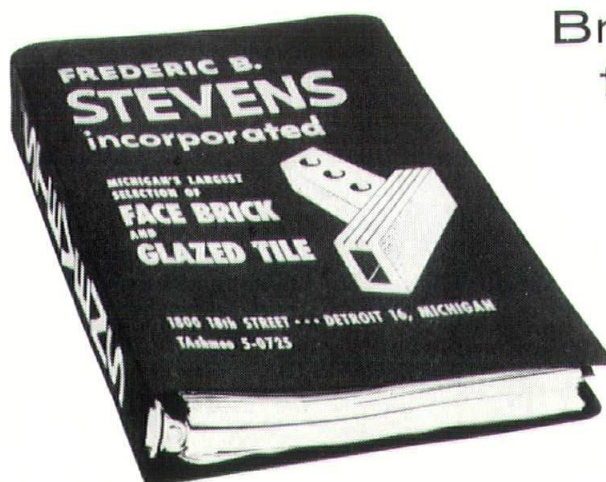
Equipped with remote control for the finest most modern security.

Since 1921, The R. V. Harty Company has been serving Industry with similar fine products.

**R. V. HARTY COMPANY, Detroit, Michigan**

## **FREE TO ARCHITECTS AND BUILDERS**

A Ready Reference on  
Brick and Tile Available  
from Leading U. S. Suppliers



Here in a permanent binder is a 300-page collection of catalogs from the leading brick and tile manufacturers in the country. Included are descriptions of hundreds of varieties in a wide range of textures, colors and shapes beautifully illustrated in actual color. Charts are supplied to aid you in rapidly estimating your brick and tile needs.

When making your final brick and tile selections, be sure to take a look at the complete display in our Detroit showroom at 1800 18th Street. We will be happy to assist you in your selection.

In order to receive your own free copy of this collection of catalogs merely address your request to us on company letterhead, TODAY. Write to:

frederic b. **STEVENS**, inc.  
18TH STREET AT VERNOR HIGHWAY



# DETROIT CHAPTER, A.I.A.

ROBERT F. HASTINGS, President, 3107 West Grand Blvd., Detroit 2

PAUL B. BROWN, Vice President, 700 Red Cross Bldg., Detroit 1

WILLIAM LYMAN, Secretary, 74 West Long Lake Road, Bloomfield Hills

BRUCE H. SMITH, Treasurer, 2908 Woodward Avenue, Royal Oak

FREDERICK G. STICKEL, Director, 286 E. Brown Street, Birmingham

EARL G. MEYER, Director, 1306 Michigan Building, Detroit 26

PHILIP N. YOUTZ, Director, College of Architecture and Design, University of Michigan, Ann Arbor

GERALD G. DIEHL, Director, 120 Madison Avenue, Detroit 26

HEADQUARTERS, 120 Madison Ave., Detroit

## Detroit Chapter's Next Meeting

Detroit Chapter, AIA will hold its annual meeting and election at Northwood Inn, 2593 Woodward Avenue, at Catalpa, Berkley, Michigan on Wednesday, October 14.

The Chapter was influenced in its decision by the success of its 1958 annual meeting, also held in Oakland County, at Showcase, Inc., in Birmingham. The Chapter has many members either with homes or offices or both in Oakland County and it is in deference to them that they meet in the area. Last year most of the officers and directors were

of the Oakland variety, and who knows but this year the same may be true.

The Chapter has named two nominating committees, one by the president and another by the Board of Directors, to nominate slates of officers to be voted on at its annual meeting.

The President's committee consists of Frederick G. Stickel, Chairman; Lyall H. Askew and Charles H. MacMahon, Jr. The Board's consists of Frederick J. Schoettley, Chairman; Philip J. Meathe and Suren Pilafian.

In addition to the election, the Chapter will award its Gold Medal and Hon-

orary Membership, and, as usual, there will be cocktails compliments of the Chapter.

Cocktails will be served at 6:00 P.M., dinner at 7:00 and the program will begin at 8:00. The Board will meet at the same place, beginning at 4:00 P.M.

This will also be the annual occasion when the Board of Directors of the Michigan Society of Architects will join with the Chapter members for dinner, after their afternoon Board meeting.

Altogether, this bids fair to be a delightful meeting, and of course the ladies are especially invited.

**DETROIT CHAPTER MEMBERS NOTE: AN EXHIBIT OF RICHARD NEUTRA'S WORK WILL BE SHOWN AT TOLEDO MUSEUM OF ART, OCT. 4-25**

## Detroit Chapter Meeting Report

Detroit Chapter, AIA met on September 15, 1959 as guests of the Builders and Traders Exchange of Detroit at its offices, 2210 Park Avenue in Detroit. The Exchange was most gracious in being hosts at a cocktail party and buffet dinner. About 300 architects and wives were present, and viewed the new quarters and the many facilities the Exchange has to offer to architects and others. The Exchange was organized in 1886 and now with more than 1600 members is the largest such organization in the world. It has a staff of 23 people rendering a wide variety of services, such as daily reports on construction news, information on taxes, laws, government regulations, etc.

In April of each year, it publishes its Buyers Guide, distributing over 8000 copies, and it maintains a "Who Handles" and "Where-to-Buy" service on brand and trade names. In its plan room are 50 tables for estimators, and plans for almost every current construction project in Michigan are available for takeoffs by contractors and suppliers. It also operates an evening school of estimating in the architectural trades.

The Exchange's Legislative Committee is constantly on the alert to review proposed legislation affecting the construction industry. The Industry Relations Committee carries on a program to correct unethical bidding practices and un-

fair competition. In addition, the Education Committee is studying the need to expand the Estimating School to include trades other than architectural and possibly to develop an adult education program through one of the major universities in order to increase the management skills of owners and executives in the construction industry.

William C. Dennis, the Exchange's Secretary-Manager will be glad to hear from any who would like further information about their program. Architects are invited to place their plans at the Exchange, where they will receive wide consideration.

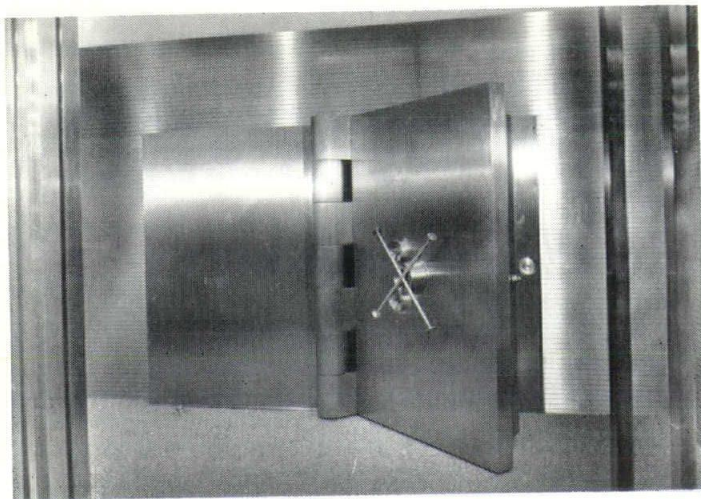
The Exchange is to be congratulated for rendering a very worthwhile service.



Win Brunner Photo

Photographed at AIA-B&T party September 15 were (L to R) George M. Suliburk, President of the Exchange; William C. Dennis, Exchange Secretary-Manager; Talmage C. Hughes and Robert F. Hastings, Executive Secretary and President respectively of Detroit Chapter, AIA.





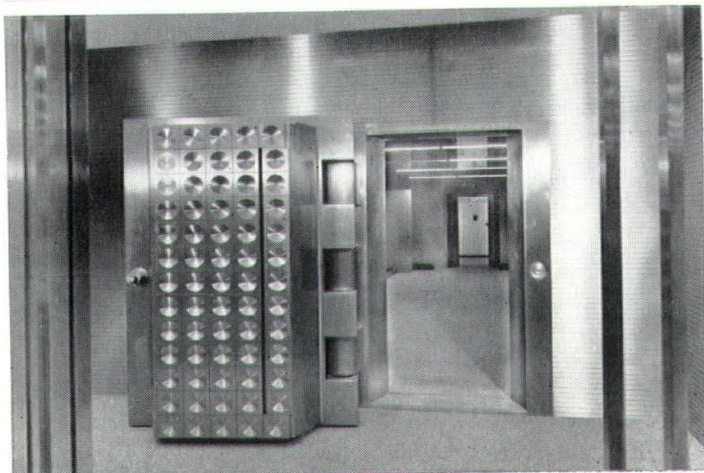
In the National Bank of Detroit...

## THE NEWEST STYLE FOR SECURITY

As modern as its magnificent new building is the vault protection equipment chosen by the National Bank of Detroit. For here, in the gleaming beauty of stainless steel, is a unique combination of contemporary styling and the fortress-like protection for which Diebold has been known for more than 100 years.

The vault door shown here is but one of 14 doors for various protective purposes built and installed by Diebold, Incorporated in the National Bank of Detroit.

Diebold, Incorporated is proud indeed to have been associated with this monumental and inspired building. To the officers and directors of the National Bank of Detroit and to the architectural firm of Albert Kahn Associated Architects & Engineers, Inc., our congratulations and very best wishes for the future!



# DIEBOLD

INCORPORATED  
CANTON 2, OHIO

*Over 100 Years of Leadership*

## RUBBER and VINYL SEALS

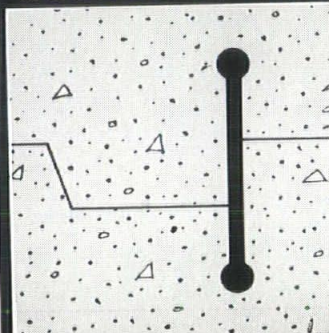
### FOR MASONRY JOINTS

Water Seals for cast-in-place construction joints between concrete footings and walls, walls and floor slab, wall section and wall section, and floor slab and floor slab.

Sealing Gaskets for use between sill and coping stones, brick and stone wall panels, masonry wall panels and structural steel members.

Sealing strips for control joints in block constructed walls . . . watertight seals with an inherent, permanent liveliness for use in Michigan and Besser Control Joints.

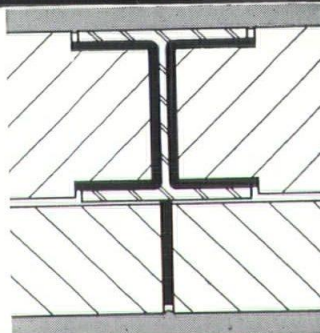
### RUBBER or VINYL WATERSTOPS



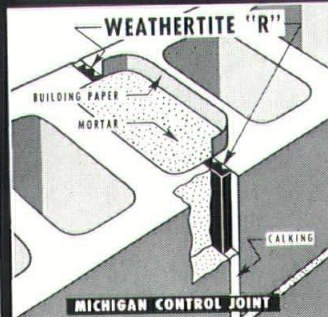
Williams Waterstops are made from Natural Rubber Stock and designed for maximum effectiveness in any type of cast-in-place construction joint. They will bend around corners, and will not crack or tear from shear action. Tensile Test: 3990 lbs., Elongation Test: 650%. Available in rolls up to 80 feet in length. Field splicing is simple. Williams Waterstops can also be furnished in Vinyl or Neoprene for industrial uses where resistance to oil and other injurious wastes is desirable.

### EVERLASTIC MASONRY GASKETS

Everlastic Masonry Gaskets are a readily compressible, nonabsorbent Elastomer impervious to water and inert to heat, cold and acids. In masonry joints they permit linear expansion in summer heat, and seal joints against moisture which causes frost damage in winter. Everlastic Gaskets are furnished die-cut to specifications and coated with pressure sensitive adhesive . . . they should be used between sill and coping stones, brick or stone wall panels, and masonry and structural steel members.



### WEATHERTITE for CONTROL JOINTS



WeatherTite is a specially shaped, nonporous, expanded Polyvinyl Chloride strip which provides multiple, continuous contact surfaces when compressed, and thereby produces the positive pressure contact essential for an effective watertight seal in standard control joints in block constructed walls. WeatherTite is available in two types to meet all requirements. Type "R" is made especially for use in Michigan Control Joints; Type "RB" is made especially for use in Besser Control Joints.

See Sweet's Files, or Write for Information.

**WILLIAMS**  
**EQUIPMENT and SUPPLY CO.**  
456 W. Eight Mile Rd., Hazel Park, Michigan



# AIA

DETROIT CHAPTER

## REPORTS

### Relations with the Construction Industry

Paul J. Ketelhut, Chairman

#### ACTIVITIES:

Activities of this committee and sub-committees were as follows:

#### 1. RESPONSIBILITY

Responsibility of Architect or General Contractor regarding Progress Reports and Charts, and Follow-Up Reports.

A. There should be no doubt that all prime contractors are required to provide a complete progress schedule, in graphic form, of his work, immediately upon being awarded contract. This is generally mentioned in most General Conditions of Architectural Specifications. This is also mentioned as a joint procedure by Contractor and Architect in A.I.A. Hand Book of Architectural Practice in Chapter 38 under "Detail Drawings and Instructions."

B. Subsequent to the progress schedule submitted after award of contract, the Contractors are expected to furnish information to the Architect Supervisor, when requested, concerning the conditions and progress of their work. The method of this presentation is to meet the approval of the Architect Supervisor, who then uses this information in connection with his daily and weekly reports to his Architectural Home Office.

C. Contractors meetings are held at the job regularly each week or as required. These meetings are primarily held to further the progress of work, and progress schedules are reviewed as the result of reports presented at these meetings. General Contractor calls and organizes these meetings in cooperation with Architect Supervisor, this is usually the practice even if there are Contractors not included under the General Contractors' jurisdiction. Written reports of these meetings are issued by the General Contractor to all Contractors and Architect. The Architect in turn may see fit to pass a copy of these minutes over to the Owner or even have Owner's Representative attend these meetings. Progress Schedules in graphic form and projected progressions of field work on these schedules is necessary for these meetings. Contractor's Meetings are mentioned in General Conditions of the Specifications.

D. There appears to be no problem in having progress schedules kept up to

date and progress sheets and charts issued regularly by General Contractor or when there is one Prime Contractor.

When there are several Prime Contractors the Architect is responsible for this work unless he has spelled out in General Conditions or agreement with Contractors, some method of responsibility. If the Architect can persuade the General Contractor to handle this work without compensation, then it is fortunate, because the Architect has not placed these other contracts under the responsibility of the General Contractor and has withheld the handling charges from the General Contractor.

E. The correct way to coordinate a job requires these progress charts and reports, therefore, if the method has not been spelled out, the Architect must do the work. The Owner has saved these handling charges and such work involved in preparation of these progress charts and reports will impose additional cost upon the Architect unless he has protected himself with the Owner by some method of procedure set up at Owner's cost.

One of these methods is for the Architect to prepare progress charts and reports as overhead cost in the general supervisory work, which is charged direct to Owner in the same manner as full time Field Supervision.

F. The A.I.A. Standard Form of Agreement between Owner and Architect under conditions #3 covers separate contracts. This clearly indicates a higher rate for handling the extra service required by separate contracts.

#### 2. LIST

Since there are a prolific number of Associations, Societies, Institutes, etc., connected with the Building Industry in the Detroit Area, a sub-committee compiled a comprehensive list of them. Copies can be obtained from this Committee.

#### 3. BIDDING PROCEDURE AND DOCUMENTS:

A. It is recommended that the Architect and Owner agree to a specific number of documents (Plans and Specifications) to be furnished by the Architect for Bidding Purposes. This number may be governed by the type, size and location of the project. Additional plans and specifications found necessary in the obtaining of competitive bids or construction operations shall be provided by the Architect, who will be reimbursed by the owner on the basis of actual cost of duplication.

B. Where the project is of considerable size and it is expedient to furnish the General Contractors, or other Prime Contractors, several sets of Documents, it would be advantageous to have a

heading in the Instructions to Bidders, stating the number of sets of drawings and specifications to be furnished, and to whom.

C. The above recommendations pertain to Bid Documents supplement incorporated in the "Reports" published in 1956 on pages 2 thru 5, and the revised 1959 edition of A.I.A. Documents No. A-501, "A Suggested Guide to Bidding Procedure," Item X, "Bidding."

#### 4. SUB-CONTRACTOR BIDDING PROCEDURE:

A. Meetings were held with the Building Trades Council, the Mechanical Contractors Association of Detroit, Detroit Association of Plumbing Contractors and Detroit Chapter of the Associated General Contractors of America.

B. The Painting and Decorating Contractors Association and the Mechanical and Plumbing Contractors Associations have instituted bid depositories and the Builders and Traders Exchange are attempting to formulate plans for an ethics code for all segments of the building industry.

C. The A.I.A. is not actively interested in instituting Bid Depositories as it is solely the responsibility of the Contractors and Sub-contractors. The A.I.A. Committee is only functioning in an advisory capacity in attempting to discourage "Bid Peddling" and "Bid Shopping."

#### 5. ARCHITECTS USE OF "REPORTS" PUBLISHED BY A.I.A. DETROIT CHAPTER.

A. The A.G.C. has complained to this Committee that a number of Architects are not following the recommended procedures as published in "Reports" by the Detroit Chapter of the A.I.A. It was recommended that an A.I.A. Form Letter be sent to those Architects composed as follows:

"During the years 1953 through 1955, The Detroit Chapter, A.I.A. Committee on Relations with the Construction Industry devoted considerable time in studying ways to clarify the controversial issues frequently occurring during the construction of a building project.

Realizing that successful construction operations depend to a large degree upon the cooperative relationships among the architect, general contractor and sub-contractors, joint meetings were held during those three years with representatives of the general and specialty contractors.

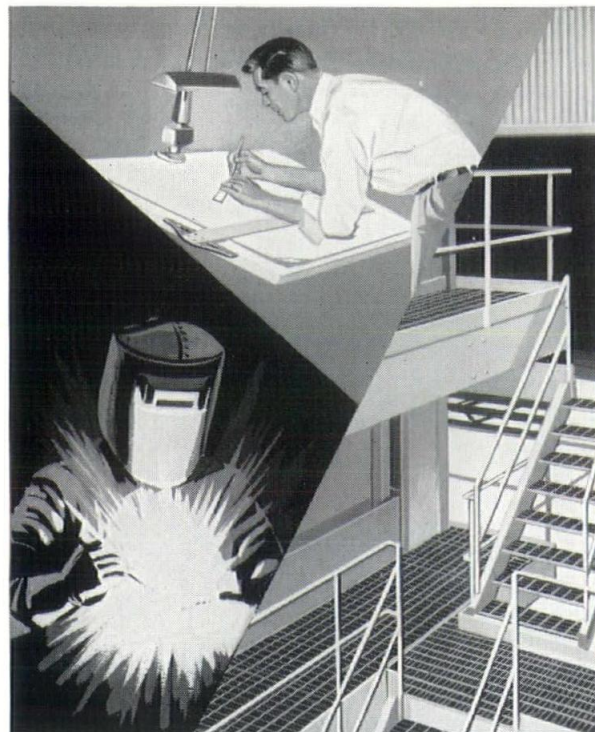
The objective of those meetings was to submit controversial issues as the basis of deliberations to the committee representatives for their recommendations. The recommendations relative to these matters as agreed upon by all parties, were adopted by the A.I.A., Detroit



**DESIGNERS  
FABRICATORS  
ERECTORS**

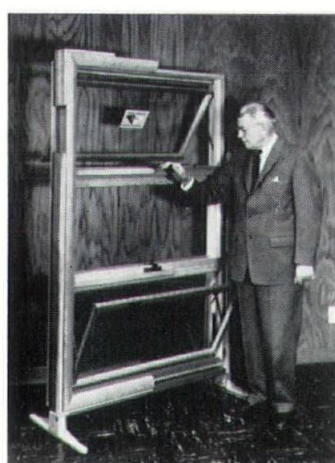
OF MISCELLANEOUS IRON WORK  
ARCHITECTURAL METALS  
AND LIGHT STRUCTURAL STEEL

... INDUSTRIAL, INSTITUTIONAL AND  
COMMERCIAL INSTALLATIONS  
THROUGHOUT THE U.S.



## ALLIED STEEL AND CONVEYORS

DIVISION OF THE SPARTON CORP.  
17333 Healy Avenue • Detroit 12, Michigan  
Cable Address: Alcon



### *They excel in important details*

We have been in the window distributing business since 1935 and we think we are experts on the subject. You'll agree with us undoubtedly that there is no material superior to wood for windows and we would like to show you why we believe Andersen's to be by far the best wood window built.

This is an invitation to visit our showroom and inspect cut-a-way operating models—if you prefer, our representative will call and work with you on your window problems. Complete descriptive and specification materials are available for your files.

Illustrated: Cut-a-way operating models of 4 Andersen window models. Left to right: case-ments, gliders, Flexivents, Pressure seals.



**KIMBALL & RUSSELL INC.**

Wholesale Sash and Door  
Distributors

**PUBLIC SHOWROOM**

2127 Fenkell—Detroit

Sold by Retail Lumber Dealers Only

# Andersen Windowalls



Chapter, and printed in October 1955 issue of the A.I.A. Magazine and later published and mailed to all registered architects in the State of Michigan.

Unfortunately, many architects have not been using these recommendations and consequently the old problems continue to exist.

The A.I.A. Detroit Chapter urges each of you to read and use the recommendations in these published "Reports" and include them in your contracts and specifications. This will result in greater uniformity in practice and better relations with the building industry.

Very truly yours,

(Signed) P. J. Ketelhut

A.I.A., Detroit Chapter"

## **6. LIAISON WITH CONSTRUCTION SPECIFICATIONS INSTITUTE.**

A. This year the entire membership of the C.S.I. was divided into small groups, each with the task of writing a few related sections of a new master specification. This work has not progressed much this year.

B. The other meeting of interest consisted of talks given by a General Contractor and an Architect's Field Superintendent. The main point made by the contractor was, "Write Specs. for the General Contractor. Let him divide the work into trades and suppliers." The point stressed by the Field Superintendent was, "Put everything in the specifications which is not on the drawings. When discrepancies appear, we hang our hat on the specifications."

## **7. ADDITIONAL MATERIAL FOR "REPORTS" BOOK.**

A. Reports of this committee for the previous years 1956, 1957 and 1958 have been compiled and sent to the Detroit Chapter of A.I.A. It was recommended that this material be printed in loose leaf form and sent to Architects requesting them. This material will bring the "Reports" Book up to date to 1959.

## **Office Practice**

*C. H. MacMahon, Chairman*

During the past year this committee was concerned with two principal matters: Modular Coordination and assisting the Sheet Metal Contractors Association of Detroit with the introduction of manuals covering all phases of sheet metal work.

To determine the familiarity and usage of the Modular Coordination System, a survey was conducted with all offices in the area covered by the Detroit Chapter. The results of this survey which were published in the Bulletin showed almost all architects who had tried this system were continuing to employ it.

## **Registration and APELSCOR**

*Maurice F. Hammond, Chairman*

The Architects, Professional Engineers and Land Surveyors Council on Registration has been quite active during the past year. In addition to our regular meetings, committees and groups of interested Council members have held meetings and submitted important reports at our APELSCOR sessions.

Ballots were mailed to all council members and the results tabulated January 22, 1959. The installation of the newly elected officers for the year 1959-60 was conducted at a meeting held February 17th. The officers are: Harold G. Donnelly, chairman; Frederick J. Schoettley, A.I.A., vice-chairman and John J. McMahon, secretary-treasurer.

As a result of this meeting and another one held April 8th the Joint Legislative Committee and a group of Council members made a number of trips to Lansing regarding House Bills #230 and #537 and Senate Bill #1073.

Chairman Harold G. Donnelly, and a delegation of APELSCOR members, appeared before the Sub-committee of the Ways and Means Committee, House of Representatives, for a discussion of the pressing problems of the State Registration Board. The group respectfully requested that a more equitable appropriation of funds is possible and should be made to meet the needs for a more adequate operation of the Board office and performance of its duties in accord with the provision of the act. Some of the requests were finally granted including a small increase in the appropriation.

As chairman of this committee I wish to thank my fellow members; Morris Webster and Frederick J. Schoettley for their active participation on the committee and their fine attendance of all meetings.

## **Liaison with Producers Council**

*LaVern J. Nelsen, Chairman*

Since the establishment of a Liaison Committee between the A.I.A. and the Producers Council, it was necessary for us to proceed slowly and lay down ground rules as we progressed.

Along with the Producers Council representative, Mr. Richard Pass, I attended several meetings in which our mutual problems were discussed and in which we were able to aid one another. This was especially true during the recent MSA-AIA State Convention held last March.

There is no question that an AIA Liaison Committee is needed and that such a committee can perform a valuable and much-needed service between our two related organizations.

I want to thank the Producers Council for their splendid good will and for their willingness to serve the architectural profession. Although we still have many problems to discuss and there are many things which must be decided, I am sure that with the splendid cooperation that exists we shall achieve our goals.

I should also like to suggest that since the Producers Council have invited the AIA Liaison to attend all of their meetings that we in turn should invite their Liaison to attend our meetings and in this way we can have a closer understanding of the functions and aims of our two organizations.

## **Relations with Other Professions**

*Paul B. Brown, Chairman*

Since your Committee on Relations with Other Professions is a Special Committee, its activities were limited to the taking of appropriate action as special cases in the field of interest might arise.

Principal action during the past year was to follow closely the case of Charles M. Valentine's complaint against the Austin Company, relative to unethical practice in the design of a new school in Richmond, Michigan. Correspondence was carried on with Mr. Valentine, Mr. Lawrence Le Gros, Chairman, and Mr. Allan T. Carlisle, Vice-Chairman, of the Ethics and Practice Committee of the Michigan Society of Professional Engineers, and Mr. Peter Vanderlaan, of the Michigan Society of Architects. Mr. Verne Sidnam of this committee attended a meeting of the MSPE in Lansing, at which the case was reviewed.

Inasmuch as the MSPE Ethics and Practice Committee is a committee of a state organization, and the Michigan Society of Architects Sub-Committee on Public and Professional Relations, headed by Peter Vanderlaan, followed the case closely, it was felt that only limited action was required of our committee.

## **Allied Arts**

*Anthony R. Moody, Chairman*

With the rise in building construction, after last year's recession low, we have observed a consequent increase in allied arts activities, both in actual commissions, and, more important, business and public awareness of this important function. In order to continue this awareness, and to stimulate even greater ac-





\*ONE OF WEST DETROIT GLASS COMPANY'S 19-MAN CREWS, using SPECIAL VACUUM and POWER EQUIPMENT to install some of the LARGEST and HEAVIEST "lites" of plate glass ever used in Michigan. This piece of 1/2 inch plate glass going into the first floor exterior of the National Bank of Detroit measures 10 feet wide by 18 feet, six inches high and weighs over 1200 pounds.

\* *The Difficult We  
Do Immediately*

GLASS AND GLAZING CONTRACTORS FOR  
NATIONAL BANK OF DETROIT

ALBERT KAHN ASSOCIATED ARCHITECTS & ENGINEERS, INC.

- BRASCO  
STORE FRONTS
- WHOLESALE  
PLATE AND  
WINDOW GLASS
- TWINLOW  
THE WINDOW  
WITH BUILT-IN  
INSULATION

DISTRIBUTORS FOR

**Structoglas® "SE" Fiber Glass Panels**

NEW FIRE-RESISTANT PANELING FEATURES UNDERWRITERS' LABEL  
... FLAME SPREAD RATING OF BELOW 75 ... FUEL CONTRIBUTION  
OF 10 ... RANGE OF SIZES AND GAUGES

**Trimview**

ALUMINUM SLIDING GLASS DOORS

**WEST DETROIT GLASS COMPANY**

4500 Stecker Ave. Established in 1922 Dearborn 2, Mich.

LUzon 2-8400

# SHAW, WINKLER, INC.

PLUMBING CONTRACTOR

National Bank of Detroit  
Detroit, Mich.

PLUMBING & HEATING

POWER PLANT  
INSTALLATIONS

VENTILATING  
AND  
AIR CONDITIONING

14855 Ward Ave., Detroit 27, Michigan  
VERmont 8-0500





tivity, it is our desire to plan a public exhibit some time this Fall to show the more recent works of Detroit area artists. The time and place will be announced at a later date.

We have also observed some rather unjust criticism regarding works of art for a multi-million dollar public building. As one outstanding artist put it: "I'm disappointed because all the emphasis seems to be put on cost rather than the merits of the sculpture." We think this is a sensible rejoinder and commend the artist for inviting fair criticism.

Your Chairman would like to observe a trend which would allow a portion of every building budget, no matter how modest, to be earmarked for enrichment of the architect's effort.

## Architects' Urban Design Collaborative

*Louis G. Redstone, Chairman*

The aims of your committee were to offer voluntary service and advice to the City Plan Commission, which would contribute to the betterment of our city, with the present primary interest centered on the redevelopment of the Central Business District, an area bounded by the Lodge, Vernor and Hastings Expressways, and the Detroit River.

This initial project in forms of drawings, models and diagrams, in which 35 architects took an active part, was completed last February, and the entire material published in the March issue of the AIA Monthly Bulletin of the MSA. 2000 reprints of the AUDC Section with a special cover were made and nearly all distributed or sold to CBDA of Detroit, Toledo, Texas and many other interested organizations. The AIA Journal will reprint the material in its September issue, and then will include it in a separate issue on City Planning together with the material from other cities.

The local press also featured prominently the work of the group (see photo). The CBDA presented the results of the work at a special Luncheon meeting on March 11, which was attended by many civic leaders. In July, the Museum of Art of the U. of M. featured the work together with the work of the City Plan Commission and called the exhibit "The City in Transition — Detroit plans its future."

Your Committee intends to continue its voluntary work, but hopes for a more coordinated effort on the part of the CBDA, the city agencies and all other related organizations. One way to bring about closer coordination would be for observers from each related organization to sit in at executive meetings at which

vital problems affecting the City developments are discussed. By reporting back each group is kept informed and can be much more effective.

## Michigan Architectural Foundation

*Arthur K. Hyde, President*

There has been little activity during the past year. Though business conditions have improved considerably, it has seemed unwise to actively solicit funds for the Foundation until local economic recovery is more assured.

Approval of our application for tax exempt status was recently received from the Internal Revenue Service. All contributions made to the Foundation are now allowed as deductions in the Computing of the donors Federal Income Tax.

The Foundation stands ready to function as the custodian of funds to be used for the expressed purpose of the Foundation, namely: the development of architecture and allied arts.

## Education

*William Muschenheim, Chairman*

Your Committee on Education devoted most of its efforts during the past year towards the establishment of an Annual Awards Program and an Annual Workshop Program.

a) **Annual Award Program.** The purpose of this program is to recognize and publicize good design by local architects and consequently arouse public interest in the art of architecture and its cultural significance. Arrangements have been made to judge and exhibit the submissions at the Detroit Institute of Arts in September and present the awards at the Chapter's October meeting. Announcements appeared in the July and August issues of the **Bulletin** of the Michigan Society of Architects describing the particulars. The program was prepared by Messrs. Binder and Orbach who also made the arrangements for its implementation.

b) **Annual Workshop Program.** Mr. John Allen with the assistance of Mr. Ziegelman composed an outline of a workshop to discuss the subject of office practice as it relates to the architectural profession. The sessions were held at the McGregor Building, Wayne University, Detroit, on September 19. Mr. Allen made arrangements for Mr. Lynn Smith, A.I.A., to talk about office management, Mr. John Farquharson to talk about accounting methods and taxes,

Mr. James H. LoPrete to talk about legal problems, and Mr. Daniel Schwartzman, A.I.A., of New York to act as moderator.

An announcement appeared in the September issue of the **Bulletin** describing the particulars. Mr. Walter Taylor, F.A.I.A., suggested that the program be drawn to the attention of the Office Practices Committee, A.I.A., in Washington, and in correspondence with Mr. Frank V. Mayo, F.A.I.A., Chairman of that Committee, the members of the Steering Committee have been sent copies of the program and invited to sit in on the workshop. Mr. Clinton H. Cowgill, Editor of the **Handbook of Architectural Practice**, and Mr. Ronald A. Spahn, Chairman of the Office Practice Committee of the Great Lakes Region, were informed about the program and they have offered valuable suggestions.

In addition to the above-mentioned two programs, your Committee on Education has been working on the formulation of a program of action to introduce knowledge of architecture and interest in the architectural profession among students at the high school level. The outline of such a program was prepared by Mr. Eino O. Kainlauri and plans are being made to get this program started this autumn.

Other matters brought up at the meetings were: The Architect-in-Training program, Student Chapter problems (in particular a clarification of the policy to be followed relative to students' dues), an architectural directory for the Detroit area, and the possibility that the Detroit Chapter might contribute a sum of money to assist teachers in the chapter area to participate in the Joint ACSA-AIA Committee R-17 on the teaching of architecture seminars.

## Civil Defense

*W. B. Anderson, Chairman*

This Committee of three — A. L. Trout, W. S. Quinlan and your Chairman — was formed to re-explore the local Civil Defense Program (the Committee has been inactive for several years) and determine wherein the Detroit Chapter can contribute.

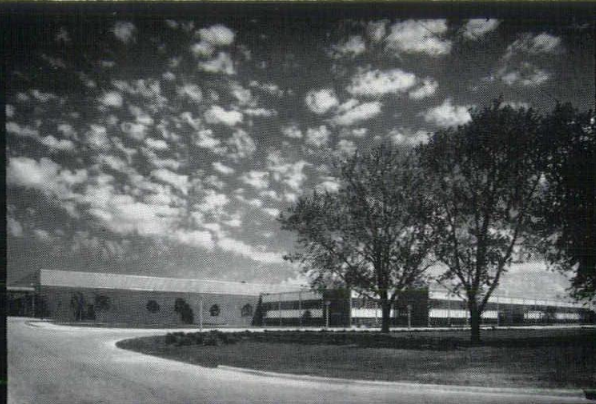
An initial survey showed:

1. No activity by other local professional societies;
2. Local Associated General Contractors of America marking time, waiting for their national disaster plan which finally was issued in the spring of 1959;
3. Corps of Engineers active to the extent of keeping track of developments in order to have their own activity coordinated;
4. City of Detroit and Wayne County groups tapering off in their activity after



**WE ARE PROUD TO HAVE BEEN THE SUPPLIERS OF BUILDERS  
HARDWARE ON MANY PROJECTS FOR ALBERT KAHN ASSOCIATED  
ARCHITECTS & ENGINEERS, INC.**

**J O H N   H .   F R E E M A N   C O M P A N Y**  
**3627 Cass Avenue, Detroit 1, Mich. • TEmpLe 1-6760**



**CHEVROLET MTR. DIV. — FLINT, MICH.**

- **INSULATED METAL WALLS**
- **METAL ROOF DECKS**
- **METAL CLAD FIRE WALLS**
- **CORRUGATED MATERIALS & ACCESSORIES**

## **WALCON CORPORATION**

**ECORSE 29, MICH.**

**HOTPOINT PLANT — CHICAGO, ILL.**

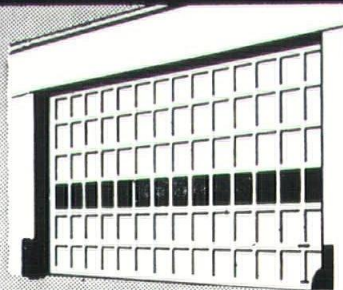
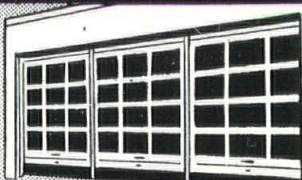


### **A DOOR FOR EVERY JOB AND BUDGET**



**HOME GARAGES  
SINGLE OR DOUBLE**

**FOR FACTORIES, DOCKS,  
WAREHOUSES, TERMINALS, ETC.**



**FOR SERVICE STATIONS**

**CRAWFORD  
MARVEL-LIFT  
DOORS**

Visit the NEW Detroit Showroom or  
See our display at Showcase, Inc.

**CALL GARAGE DOOR HEADQUARTERS**

**Call these Garage Door Headquarters for  
Assistance on Any or All of Your Jobs**

BATTLE CREEK .....	WO. 2-1130
BENTON HARBOR .....	WA. 7-1605
CADILLAC .....	PR. 5-3451
DETROIT .....	(see below)
FLINT .....	CE. 5-2573
GRAND RAPIDS .....	CH. 3-9201
KALAMAZOO .....	FI. 4-0183
LANSING .....	IV. 5-3769
MONROE .....	CH. 1-5360
MUSKEGON .....	28-0470
PORT HURON .....	YU. 4-4164
YPSILAITI .....	HU. 3-4563

**IN DETROIT—**

**10600 Gratiot Ave.  
WAlnut 4-9300**





their surging progress up to 1955-56, possibly hampered by lack of state program which wasn't issued until May, 1959.

Conferring with Detroit and Wayne County groups finds them still analyzing and refining their Phase I (saving lives) and Phase II (restoring communication and transportation) with Phase III (rehabilitation and rebuilding) still in a preliminary stage. Your Committee's activities appear best directed toward this Phase III so, as it develops, an active program can ensue. Pending this becoming more activated it was suggested we help publicize the program of family fallout shelter construction, in line with the National Plan for Civil Defense and Mobilization which recommends and stresses the importance of **self-help**, not only in state and local operations but also down to individual family units, with survival at that level dependent on shelter from fallout radiation.

Meantime, your Committee has been reviewing current data as issued by National Civil Defense through Region 4 at Battle Creek, and we believe some of this data is of sufficient general interest to be excerpted and published in the Bulletin as a useful service.

## Executive Secretary

*Talmage C. Hughes*

Our President, Robert F. Hastings has rendered valuable service to the Chapter the past year. He has been ably assisted by other members of the Board and Chapter committees.

The Public Relations program of the Chapter and the Michigan Society of Architects has advanced considerably in 1958-59, as revealed by a recent PR survey by the national AIA. Elmer J. Manson, of the Western Michigan Chapter, is Chairman of the Public Relations Committee of the Great Lakes District, AIA; Charles H. MacMahon, Jr., of the MSA PR Committee. The Society has four new films produced by the Institute, available for loan at no charge. They are on schools, churches, commercial buildings and homes. Also available are many brochures on various phases of architecture and all of the standard documents of the Institute. The latter are used extensively.

On many occasions this year, our members have appeared on radio and television. Twice during the year our documents have been designated "Document of the Month" by the AIA Chapter Affairs Committee. One instance was the "Owner's Portfolio," by the MSA, the other an Occupational Guide on Architecture, which we assisted in preparing for the Michigan Employment Securities Commission. These documents

were mailed to some 250 AIA chapters, state associations, etc.

In April of this year we joined with the Detroit and Michigan Artists Memorial in exhibiting at Detroit's old City Hall "Architecture Worth Saving," a plea for preservation that was circulated nationally. The Architects' Urban Design Collaborative, a Chapter committee, prepared a suggested plan for rehabilitation of Detroit's downtown district, which received a great deal of favorable comment. It was published in the Monthly Bulletin, MSA in March, will be reprinted in the Journal of the AIA.

The Chapter's Committee on Education, of which Prof. William Muschenheim is Chairman, has recently conducted an Honor Awards program, also a Workshop in which every phase of architectural practice was discussed. The Bulletin recently conducted a survey of offices in Michigan relative to wages, hours, working conditions, etc.

The Bulletin's Public Officials issue, which this year will be in November, will show the premiated designs from the Detroit and Western Michigan Honor Awards programs, as well as a section devoted to the Saginaw Valley Chapter. Other material will be of interest to national, state, county and local officials who have to do with the employment of and dealing with architects. A new feature will be the results of a recent survey to determine how architects are serving their communities on planning commissions and otherwise. The Bulletin has recently become the official publication of the Builders and Traders Exchange of Detroit.

Many architects from other countries, as well as our own, are visiting Detroit from time to time, singly and in groups. The Chapter endeavors to assist them in making their visits pleasant and successful. Our Visitors' Guide is now in its third printing. We have discovered a number of our members who speak foreign languages and who are willing to devote some time to entertain such foreign groups.

Joseph W. Leinweber rendered a valuable service as Chairman of the Great Lakes Regional Conference in Ann Arbor April 23-25. It was a real success. Linn Smith was nominated for Great Lakes Regional Director, and at the New Orleans Convention he was elected. Our Chapter was well represented at the Convention. Eero Saarinen and Minoru Yamasaki, both of our Chapter, received First Honor Awards in the AIA national competition. Yamasaki was on the program. John A. Woerpel, of The Detroit Free Press, and William W. Lutz, of The Detroit News, won Honorable Mentions in the national AIA Journalism Awards.

Detroit has fared very well indeed in the six competitions held by the AIA so far: Lillian Jackson Braun, of The Free Press, won three First Prizes and one Second Prize. Frank Beckman, also of The Free Press, won a First Prize. The 1966 Convention has been scheduled in Detroit.

Gerald G. Diehl has been named to the Board of United Community Services of Metropolitan Detroit, after serving on the Architects Division of the Torch Drive for several years and bringing that unit to a top place.

Your Executive Secretary continues to receive many inquiries regarding architects, architecture and matters of ethics, etc. Some matters on grievances are referred to the Board.

The Michigan Architectural Foundation has been certified by the Internal Revenue Service as tax-exempt. The Women's Architectural League renders much assistance to the Chapter and the Society, and the three student chapters are quite active.

Chapter by-laws have been reprinted after changes. LaVern Nelsen, as liaison with the Producers' Council, has rendered outstanding service. Robert B. Frantz, Wells I. Bennett and Talmage C. Hughes serve on the Michigan State Board of Registration for Architects, Engineers and Surveyors. Frantz is from the Saginaw Valley Chapter. An increasing number take the examinations. One hundred and ninety-eight took the last design problem. Six juries of six architects each judged the problems on October 1 and 2.

The architectural profession of Detroit and Michigan continues to give a good account of itself.

## AIA-IES

*Lyall H. Askew, Chairman*

Your Committee was organized on October 15, 1958, as a joint venture of the Detroit Chapter, AIA and the Michigan Section of the Illuminating Engineering Society, for the purpose of studying lighting and its application to architecture and furthering the mutual understanding of the architect and the illuminating engineer.

The Co-Chairmen of the Committee are Frank E. North, IES, and Lyall H. Askew, AIA.

The Committee was organized into four sub-committees, each with two architects and two lighting engineers.

The four sub-committees are each concerned with a different field of application as follows: Commercial lighting, Office lighting, Institutional lighting and Industrial lighting.





WILLIAM J. RETTENMIER  
Executive Secretary

2631 Woodward Avenue  
Room 224 McKerchey Building  
Detroit 1, Michigan • WOODWARD 3-1209

## GLANZ & KILLIAN CO.

### Heating Contractor

Including Sidewalk Snow Melting Installation

National Bank of Detroit  
Detroit, Michigan

✓ PLUMBING  
✓ HEATING

✓ AIR CONDITIONING  
✓ PROCESS PIPING

✓ FIRE PROTECTION  
SPRINKLER SYSTEMS

1761 West Forest Avenue • Detroit 8, Michigan • TEMPLE 1-7820

BROADWAY 3-2500



GENERAL CONTRACTORS • INDUSTRIAL • COMMERCIAL • PUBLIC BUILDINGS

## Walter L. Couse & Co.

12740 LYNDON AVENUE  
DETROIT 27, MICHIGAN

*S k i l l — I n t e g r i t y — R e s p o n s i b i l i t y*

MEMBER



MARBLE INSTITUTE OF AMERICA, INC.

SINAI HOSPITAL AND ADDITION, DETROIT, MICHIGAN  
CHEVROLET SUPPLY DEPOT, G.M. CORPORATION, FLINT, MICHIGAN  
HENRY FORD HOSPITAL PARKING STRUCTURE, DETROIT, MICHIGAN

## WOLVERINE MARBLE CO.

DOMESTIC & IMPORTED MARBLES FOR ALL FINE BUILDING PROJECTS

BENJ. A. CAPP  
President

Service  
Since  
1923

OFFICE & FACTORY  
14269 FLEMING AVE.  
AT DET. T. R. R.  
DETROIT 12, MICHIGAN  
TOWNSEND 8-7113



In the past year these sub-committees have held a number of meetings and have initiated studies in their own special fields.

Your Committee was responsible for the November joint meeting of the AIA and the IES and heard a detailed discussion of the methods used to establish recommended lighting levels.

## Civic Design

*Malcolm R. Stirton, Chairman*

There were several architectural developments in downtown Detroit this past year, and it at first appeared that your Committee would have a very busy time. However, many of these projects were of a private-enterprise character and not under the control of the City of Detroit. As a consequence, they did not require direction or comment from the Detroit City Plan Commission.

Early in the year, your Committee offered its services to the City Plan Commission and suggested a general review of current projects. Because of several factors beyond our control, this meeting could not be scheduled, and our only call for a meeting by the City Plan Commission was August Twentieth.

This meeting was called to review plans for a proposed Reptile House at the Detroit Zoological Park. Our comments here were directed primarily to the location of the building on the property and, we hope, were helpful to the City.

This meeting was well attended and gave us an excellent opportunity to discuss our overall objectives, and to review them with the Director of the City Plan Commission, Mr. Charles A. Blessing, AIA.

It was agreed that we should broaden our field if we are to remain active and not be entirely dependent on call of the City Plan Commission. One suggestion was to work more closely with the Central Business District Association. This is being followed, and we hope for an early meeting with their Executive Committee to learn of their objectives and how we can best cooperate with them for civic improvement.

Considerable concern was also expressed regarding projects such as the new building for the Michigan Consolidated Gas Company which adjoins the Detroit Civic Center, but which had never been discussed with your Committee. This concern was in no way related to the capability of the architects developing the building, but simply a general concern in a civic sense.

It was felt that certain precedents and procedures established in reviewing purely municipal structures could profit-

ably be extended to private, or semi-private projects which, by their location or nature, affect civic projects.

Mr. Blessing suggested that your Committee might select some definite project such as the Convention Mall for next year, and concentrate on promoting such a development. In this connection, your Committee feels it would be quite worthwhile to have a regular meeting of the Detroit Chapter devoted to a discussion of the overall planning problems of Detroit by Mr. Blessing. This has not been done for several years and we feel it would be a subject of interest to all the members.

Everyone on this Committee has always enjoyed the discussion and work in the past, and believes the Committee has a great potential of service to the City. However, it should broaden its scope and establish a definite program of its own without being dependent entirely on call from the City Plan Commission. In this way, it can continue to cooperate in every way with the City Plan Commission, but also become more vital and valuable to the whole idea of civic development.

## Membership

*Frederick G. Stickel, Chairman*

The Membership Committee of the A.I.A. in Washington approved the Chapter's 500th member in early 1959. He was Lyndon Welch, of the office of Eberle M. Smith Associates, Inc.

Because of deaths, resignations, transfers and terminations, membership now stands at about the same. This is 22 more than at this time a year ago.

The Chapter now has 234 associate members and 128 student associates, a grand total of 862.

When new registrants are announced by the State Board of Registration, they are invited to submit applications for membership in the A.I.A. Such applications as are received are screened, references checked and applications presented to the Chapter Board. If approved, they are forwarded to the A.I.A. Membership Committee in Washington.

Every effort is made to save those under suspension for non-payment of dues from having their membership terminated.

## Board of Education

*Advisory Committee*

The Detroit Chapter, American Institute of Architects' Detroit Board of Education School Advisory Committee recently reported to Superintendent Samuel M. Brownell on the Committee's analysis of "Recommendations from the School Plant Sub-Committee of the Citizens Advisory Committee on School Needs."

This report from the A.I.A. School Committee is but one of its actions, as they have had many meetings in the last year and a half to survey and discuss the planning and construction of Detroit public schools, some of which have been held jointly with Superintendent Brownell and his staff.

The architects committee, consisting of architects Lyall H. Askew, Charles D. Hannan, Thomas H. Hewlett, Earl G. Meyer, Suren Pilafian, Verne H. Sidnam, Eberle M. Smith, Linn Smith and Gerald G. Diehl, Chairman, concerned itself primarily with recommendations that dealt with educational programming, planning and design of schools and the proposed separation of the administrative divisions that concern itself with programming, construction and maintenance of the Detroit schools.

The A.I.A. Advisory Committee strongly endorsed the recommendations as generally excellent which most certainly should be the basis of a sound school program. In many instances the School Plant Sub-Committees report coincides with the thinking that the architects committee had previously expressed.

While the Advisory Committee commented on all Recommendations, they express particular approval of the following with comment:

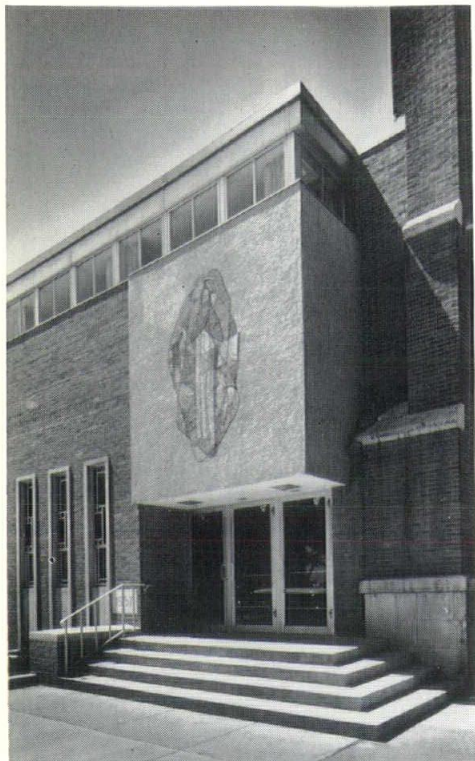
The most important, in the view of the architects, are the detailed methods of setting up a school building unit as a separate administrative division to develop plans to meet educational requirements. This, if fully developed, will make full use of the architects and engineers professional abilities which have been neglected in the past. In so doing, it will answer the frequent criticisms of the continued use of many materials and construction practices that were employed without considering the need of a particular project or the changing educational requirements.

In addition, the architects committee strongly endorsed a resolution that future contracts for architectural and engineering services be let as one complete contract. This would permit the architect to select his own mechanical engineer. In the past, when an architectural firm did not have its own engineering staff, a separate engineering contract was often awarded. This practice did not give the opportunity for the full coordination that must exist between the two.

The A.I.A. Committee also concurs with the School Sub-Plant report for greater flexibility in construction to allow for educational program changes over the years. This in turn will affect structural design and use of materials and equipment and yet it does not follow that these buildings have to be temporary, of inferior construction, or at added cost.

The recommendation that the school construction and the Detroit urban renewal programs work on a cooperative basis, received the architects support.





First Baptist Church / Battle Creek, Mich.  
Architects Manson, Jackson, Wilson and Kane, Lansing

Specializing in  
Architectural  
Photography  
Throughout  
the Midwest

References Furnished on Request



Hersey's  
Photographic Arts  
Lansing, Michigan  
Phone TU. 2-4556

## plastics in architecture

### WASCO PRODUCTS, INC.

Originators of Wascolite Plastic Skydomes  
Soon to be introduced . . . "WASCOROC"

- Reflectadomes
- Self-flashing Skydomes
- Pyrodomes

### U. S. RUBBER COMPANY

Naugatuck Chemical Co. Div.

- Tropicel

#### Recent Detroit Installations:

- Honeycomb . . . Recess Club — Fisher Bldg.
- Circlet . . . Vannelli's Restaurant — Woodward Ave.
- Woodcurl . . . Boesky Restaurant — James Couzens Hwy.

### PANEL STRUCTURES, INC.

- Sanpan

*Translucent Plastic Building Panels*

*Abbott K. Schlain Company*

15115 Charlevoix Ave. • Grosse Pointe, Mich. • VALley 1-7888

## JOHN E. GREEN CO. INCORPORATED

Our 50th Year

**MECHANICAL CONTRACTORS**  
SCIENCE BUILDING  
WAYNE STATE UNIVERSITY  
Detroit, Michigan

Detroit, Michigan

TOwnsend 8-2400

*The  
most*

*complete  
line of  
gas heating  
equipment  
in the  
nation*



DISTRIBUTED BY  
**bryant**

**manufacturing company**

31191 Stephenson Hwy. at Midland • Madison Heights, Mich.



## Program

Gerald G. Diehl, Chairman

Our Chapter had an active season in 1958-59. On September 11, 1958 Chapter member Charles A. Blessing, AIA, Detroit, City Planner, addressed the Chapter on his trip to Europe, showing excellent slides of many cities.

October 14 was the Chapter's annual meeting and election, which was held at Showcase, Inc., in Birmingham. At this meeting Mr. Alvin E. Harley, FAIA was awarded the Chapter's Gold Medal, and Mr. Joseph Parducci was made an Honorary Member. Cocktails, compliments of the Chapter, were served before the

dinner.

November 11 was the annual meeting of the Chapter and the Illuminating Engineering Society, Michigan Section, at The Detroit Edison Company. Lyall H. Askew, AIA and Frank E. North, IES were cochairmen.

On December 16 Chapter members Charles D. Hannan and Louis G. Redstone showed slides of their European travels.

January 27, 1959, Paul Rudolph, Chairman of the Department of Architecture at Yale University gave a talk at The Engineering Society of Detroit.

Chapter members were guests of the Structural Clay Products Institute for

cocktails and dinner at Detroit's Statler Hilton hotel, and viewed a closed-circuit TV program, February 24.

No meeting of the Chapter was held in March, members joining with the Michigan Society of Architects for its Annual Convention at the Statler March 11-13.

April 16 Maurice Lavanoux, Secretary of the Liturgical Arts Society and editor of its magazine, Liturgical Arts spoke on church architecture.

The Chapter's annual joint meeting with its three student chapters was held this year at Lawrence Institute of Technology on May 2. The speaker was AIA President, John N. Richards, of Toledo.

## To Mr. Woodfill

*At the MSA Midsummer Conference at the Grand Hotel on Mackinac Island, August 8, 1959.*

Recently while deliberating the propriety or fitness of a symbol which might suit this particular occasion and which would also portray the life and success of our special guest, I came upon a book by William J. Burtcher—"The Romance Behind Walking Canes."

The book was dedicated "To all people of all times who have made and used and will make and use walking canes." The idea for this most interesting book started when a friend of the author showed him a cane made of wood from Commodore Perry's flagship, Lawrence. From this, came a campaign of research which brought to light a myriad of canes, tales, epigrams and episodes associated with many of our most beloved and distinguished citizens and many of our important monuments. The author claims that the walking stick is the most picturesque of man's possessions. By 1944, he had seen more than 5,000 sticks in private collections, 10,000 in museums and believed that there were several million in actual everyday use.

Our special guest has a fine collection of canes. It is intended that the cane which I am about to present to him will become a part of that collection. The wood from which it is made was once a part of the white pine frame of the venerable Biddle House. I think the stick is unique — it is an original — I know — it is my own personal design. I included in that design the tomahawk and the bead because the Indian was so prominent and important for so many, many years in this historic area of Michigan. The age of the wood made it difficult to work and therefore, it was necessary to make the cane in two parts — the head and the shaft — the head, fashioned by hand to resemble the tomahawk, and the upper and lower ends of the shaft turned into bead-like forms. The toma-

hawk-like nose is studded with an original hand made nail, once used in the House. The head is fastened to the dowelled end of the upper shaft and further secured by three round pegs which transverse the stick and made from one of the original oak pins that once held together parts of the white pine frame.

The reasoning behind the three round pegs, each of which is fitted into a round hole, is two-fold: first, we have come to recognize that our special guest has many talents, three of which we believe warrant special notice and each of which is commemorated by a round peg:

A genial and friendly host,

An astute and successful administrator,

A devoted and selfless public official.

Second, we believe he lives up to these talents in a true "round peg — round hole" manner.

The three beads in the upper part of the shaft immediately below the head, denote the three years our special guest served as Chairman of the Mackinac Island State Park Commission. The beads of different sizes and shapes at the lower part of the shaft indicate there have been lean years and fat years while he has been on this Island. While these are not in sequence, it is significant to know that there are forty points on this part of the shaft where the plane of the stick changes directions. These forty points denote the forty years since he first came here to this Hotel as a young man to do menial jobs. The black iron ferrule is a piece of the original hardware wrought to suit this unique stick.

There is another feature of this walking cane which is significant. An "out of mint" Indian head coin is inlaid in the top of the head. The date on the coin is 1896. This was an eventful year — William Jennings Bryan was nominated for President and the Republicans spent \$16,000,000 to beat him and the "Cross of Gold"; the first plane was tested by

Langly; the pianola, the first practical player piano, was invented by Votey; the popular tune, "A Hot Time in the Old Town Tonight" was introduced; the novel "Quo Vadis" became a best seller; Fannie Farmer's cookbook appeared for the first time; rural free delivery was inaugurated and it became the boom for Sears Roebuck and Montgomery Ward Companies.

In Michigan — Pingree was elected Governor and served for a time while still Mayor of Detroit; the Poe Lock at the Soo was completed; the last horse car left the streets of Detroit and on these same streets Henry Ford and Charles King appeared with the first autocar; Edison demonstrated the vitascope and Michigan started to shift its economy from fishing, lumbering, mining and farming, to one of manufacturing; and last but not least, but most significant to this occasion, is the fact that in this same year there was born to the Woodfills of Greensburg, Indiana, a son who has grown to become the fabulous and renowned W. Stewart Woodfill, a man whom we in the Architectural Profession and Building Industry have learned to know, love and admire as Mr. Grand Hotel — Mr. Mackinac Island — Mr. "Let's Get Things Done," etc., etc.

It is my personal and official pleasure to present to you, as Chairman of the Mackinac Island State Park Commission, as Owner and President of the Grand Hotel, and always our regal host and friend, this walking stick made from the House of Edward and Angelique Biddle of Market Street, Mackinac Island. It is presented on behalf of the Architects and the Building Industry of Michigan. You must have known all along, Mr. Woodfill, that we admire and love you for what you have done and are doing for this Island — this is the Michigan Society of Architects' sixteenth Annual Mid-Summer Conference, everyone of which has been held here in this Grand Hotel. This is our proof.—A. N. LANGIUS



# JAMES A. MOYNES & CO.

CARPENTRY & MILLWORK CONTRACTORS

19640 Charleston Avenue

Detroit 3, Michigan

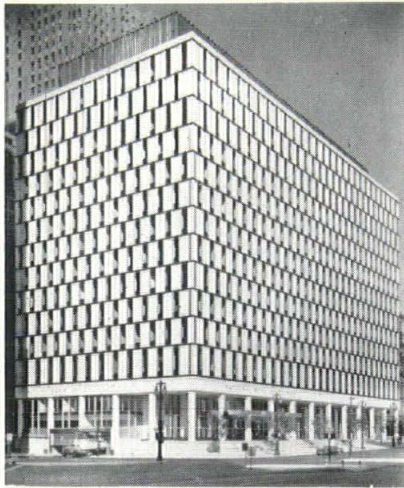


The Mark of Moynes Can  
Be Seen In the Wood-  
work of the Following Jobs:

NATIONAL BANK OF DETROIT

SINAI HOSPITAL ADDITION — DETROIT  
Detroit, Michigan

Over 50 Years of Service To The Building Industry 1906—1959



Albert Kahn Associated Architects &  
Engineers, Inc.

## J. BRODIE & SON, INC.

VENTILATING AND AIR CONDITIONING CONTRACTORS

National Bank of Detroit

Detroit, Michigan

VENTILATING • AIR CONDITIONING • ENGINEERS • CONTRACTORS

10311 CAPITAL AVENUE • OAK PARK, MICHIGAN • JORDAN 4-5620

## CARLSON BROTHERS CO.

SHEET METAL CONTRACTORS

Science Building — Wayne State University  
Detroit, Michigan

Jordan 6-2320

21600 Wyoming Avenue • Oak Park 37, Michigan

**YOUR CLIENTS DESERVE THE VERY BEST**

# Moynahan

MOYNAHAN BRONZE CO.  
Flat Rock, Mich.

ALUMINUM — STAINLESS STEEL — BRONZE  
CURTAIN WALLS



# WALD



MRS. JEAN HEBRARD, now of Paris, France, is shown holding her Life Membership card to WALD just after it had been presented to her by Mrs. LaVern James Nelsen, League President, at a meeting held in the Women's City Club, Detroit, Michigan, on September 15, 1959. Mrs. Hebrard is the first to be honored with such a membership by the League, and it was in recognition of her many years of contribution to the success of the organization. Mrs. Hebrard was the wife of the late Jean Hebrard, FAIA, Professor of Architecture and Design at the University of Michigan.

## Do You Know?

By MARIE NOTH

WALD made history at its first meeting of the year, Tuesday, Sept. 15th, at the Women's City Club by adopting a motion that the BULLETIN be made its official publication and for the first time presenting a LIFE membership to Mrs. Jean Hebrard of Ann Arbor. Peggy was present to receive the honor and has now left for Paris. She plans to divide her time between Paris and Ann Arbor and will be back with us in January.

WALD is fast becoming an International organization. On September third and fourth, forty French Architects and sixteen of their wives were in Detroit for a two-day tour arranged by Talmage Hughes. It was the distinct pleasure of our President, Mrs. LaVerne Nelsen, Mrs. James Morison, Mrs. Andrew Morison, Mrs. Edwin Noth and Mrs. Simone Thornton to accompany the sixteen wives on the Gray Line bus at their disposal during the two days. Mrs. Thornton acted as our interpreter in addition to Mrs. Hebrard. One of the French women spoke excellent English and the rest of us depended on half-forgotten phrases from school days but it did not seem to be a handicap. The schedule, which was arduous, included Greenfield Village and Dearborn Inn and out to Bloomfield Hills for tours of contemporary homes

by Frank Lloyd Wright and Edw. D. Stone on Thursday, and on Friday Gen. Motors Tech Center, a model home at Eastland, Northland for luncheon with the men at Stouffer's and shopping, then the Reynolds Bldg. by Yamasaki, and Cranbrook. And, finally, a delightful finish to Grosse Pointe where French Consul and Mrs. Jean Paul Desparmet were hosts at a cocktail party and where we were joined by Mr. & Mrs. Talmage Hughes, Mr. & Mrs. Clair Ditchy and A.I.A. National President John N. Richards, FAIA and Mrs. Richards of Toledo.

Our program for the opening meeting was an armchair trip around the world with special emphasis on Nepal and Kashmir with Mrs. Willard H. Holt of Bloomfield Hills, Michigan, as the pilot. To illustrate her talk she brought many exquisite fabrics and art expressions from a half dozen countries and her audience expressed a desire for another engagement to cover other countries. Our door prize was sent by Hazel Leinweber, an exquisite jewel box beautifully inlaid and with many keys and compartments. It was won by Edythe Schoettley.

Our next meeting will be October 20th at the Women's City Club when Harry Whang, director of Chinese Gardens at the J. L. Hudson Co., and a Korean, will speak on the "Philosophy of Oriental Gardens."

**Spectra-Glaze**

Reg. U. S. Pat. Off. by THE BURNS & RUSSELL CO.

STRUCTURAL MASONRY BLOCKS

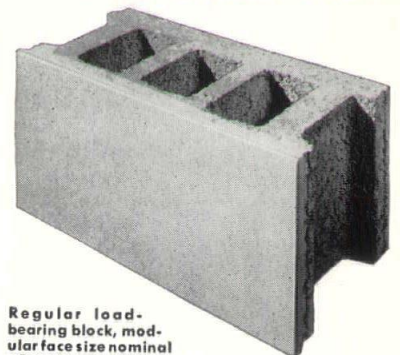
THE

**ONE  
BLOCK**

That gives you

**TWO WALLS**

IN ONE OPERATION



Regular load-bearing block, modular face size nominal 8"x16" . . . 2' to 12" thick, permanently glazed in color.

**Spectra-Glaze**

Reg. U. S. Pat. Off. by THE BURNS & RUSSELL CO.

**FOR EVERY BUILDING**

RESIDENTIAL AND COMMERCIAL

- SCHOOLS
- HOSPITALS
- CLINICS
- DAIRIES
- BASEMENTS
- STORES
- FACTORIES
- MANY OTHERS

Satin-smooth finish, 18 colors. No "crazing" . . . no "checking." Other beautiful, colorful custom finishes available.

MFD. BY

**Glazed Products**

INCORPORATED

4500 AURELIUS RD. • LANSING, MICHIGAN





# SPECIAL MANUFACTURING CO.



Albert Kahn Associated Architects & Engineers, Inc.  
O. W. Burke Company, General Contractor

*Furnished Ornamental Metal for . . .*

SINAI HOSPITAL ADDITION  
Detroit, Michigan

ALUMINUM & STAINLESS STEEL CUSTOM FABRICATORS

31649 STEPHENSON HWY. ROYAL OAK, MICH. JORDAN 4-6624

## THE DETROIT MARBLE CO.

MEMBER MARBLE INSTITUTE OF AMERICA, INC.



INTERIOR MARBLE CONTRACTORS

NATIONAL BANK OF DETROIT  
Detroit, Michigan

UNIVERSITY OF MICHIGAN  
UNDERGRADUATE LIBRARY  
Ann Arbor, Michigan

NEW ADDRESS

14255 Schaefer Road, Detroit 27 • Broadway 3-7088

## JOHN MILLER ELECTRIC CO., INC.

Since 1908

**ELECTRICAL CONTRACTOR**

CHEVROLET FLINT MAJOR SUPPLY DEPOT  
Flint, Michigan

**O V E R 5 0 Y E A R S O F P R O G R E S S**

711 FISHER BUILDING • DETROIT 2, MICH. • TRINITY 5-3252

## FIRESIDE

## PRINTING & PUBLISHING

## COMPANY

*Magazine  
and  
Program  
Specialists*

2282 EAST FOREST AT CHENE DETROIT 7, MICH.

TEMPLE 2-4900





## CIVIC LEADER ARMSTRONG HEADS TORCH DRIVE 8TH YEAR

JOHN W. ARMSTRONG, Chairman of the 1959 Metropolitan Detroit Building Trades Industry Torch Drive, was host to the Kick-Off luncheon held on September 1st at the Park-Shelton Hotel, Detroit. This is his eighth year in heading up the drive. Over one hundred attended the cocktail party and luncheon.

Chairmen and Co-Chairmen working under the Building Trades Industry & Professions banner for this year's Torch Drive are: James A. MacAlarney, John W. Armstrong, Daniel Diamond, Gerald Diehl, James Garrison, Marion Macioce, Thomas McNamara, Robert Hastings, Joseph Bobbio, Paul Brown, Joseph French, Talmage C. Hughes, Stewart Kissinger, Cliff Lorne, Donald MacGregor, Tim McCarthy, Jack Hayes.

John S. Ecclestone, Herbert Blumberg, William McNaughton, Jean Blomquist, George A. Wither, Robert Johnson, Charles Reisdorf, Jr., Joseph Stiffler, Charles Watkins, Andrew McFarlane, Charles Paluska, Hol Mabley, W. Harry Lane, Al Keats, William DePollo, William Walker.

Fergus Johnson, L. M. Weir, John Lanzetta, Louis Medici, Benjamin Capp, John E. Hughes, Malcolm F. Detlefs, W. J. Goodson, Albert Beever, Tom Carty, E. Thompson, Mervyn E. Smith, Rudy Borlototti.

Les O'Bryant, Irving Rose, Rodney Lockwood, Herbert Vincent, Clem Snarr, Robert Beerbower, Art Cronin, George Kirchner, Charles Morrow.

John Andrews, Elmer Johnson, Joseph Lacy, Robert Carter, Edward Green, Joseph W. Albright, Anthony Moha, Paul Siegal, J. W. Cornelius, Joseph Boguth, George McKeough, Edward Webster, Henry Cooper, Sawyer Earle, Tom Duffield.

Louis Scheich, Robert Van Sile, Charles Picha, John Perrone, Ernest Hawkinson, Charles Watkins, Dwight Grainger, James W. Galvin, M. E. Villaire, Richard Nihill, Fred Bolle, W. J. Rettenmier, Donald D. Cochran, Joseph Sinelli, Joseph Constantine, Gino Mularoni, Richard J. Fritz, Harry Boylan, Leonard Pinter, Julian Scott, Robert Kruger.

**THE CURRENT '59-'60 BOWLING SEASON** got underway for the Detroit Architectural Bowling League with a pin-splattering boom on Friday, September 11, at the Detroit Recreation, according to Earl Roberts, D.A.B.L. president.

Sixteen teams took to the hardwoods with defending champions Smith, Hinchman & Grylls dropping into a last place tie by losing four points to McGrath & Dohmen.

Lyall Askew opened the season with a 200 game. He said that he'll be lucky to duplicate that score very frequently during the season.

Among those rolling with the league are: Iver Peterson, George Diehl, Jim Simons, Dennis Anderson, Gene Henderson, Lou Huesmann, Frank Johnson, Ernie Fox, Jimmie Lynch, Ray Perkins, Lou Hurley, John Hilberg, Ralph Holzhauser, Tom Halliday, Les Manning, Dick Swenson, Elmer Palinkas, Werner Guenther, John Martin and many others.

Teams that are active in this 38th season are: Smith, Hinchman & Grylls, McGrath & Dohmen, Robert J. Davis, Albert Kahn, Herman & Simons, Lester H. Davies, Eberle M. Smith Associates, Giffels & Rossetti, Ralph R. Calder, Norman Krecke, Snyder & McLean, Harley, Ellington & Day, H. E. Beyster, Assoc., Albert Smith, Diehl & Diehl, Boddy, Benjamin & Woodhouse.

# AUTOCLAVED MERCRETE *Slag* BLOCK

Established  
1923

- CONTROLLED UNIFORM QUALITY
- Consistent high strength
- Pre-shrunk

## MERCIER BRICK COMPANY

3895 ROULO AVE. DEARBORN 2, MICH. VI 3-2000

Manufacturers of  
Mercrete Autoclaved Slag Block  
Distributors of:

Glazed Brick, Structural Facing Tile, Acid Brick, Face Brick,  
Floor Brick, Quarry Tile and a complete line of Refractories.

Michigan Society of Architects

## INCLUDE A SPRINKLING SYSTEM IN YOUR PLANS



### AND BE SURE TO SPECIFY A **Miller Sprinkling System!**

Eliminates lawn sprinkling labor entirely. Saves up to 50% in water consumption. Enhances building beauty with lawn perfection.

Available to Architects and Engineers . . . A complete sprinkling system design and specification service . . . including cost estimates (firm or budget). Call today . . .



**A. J. MILLER, INC.**

1320 N. Campbell Rd. • Royal Oak • LI 2-8400



CREATE

BEAUTY

BY USING

# FACE BRICK

BEFORE SELECTING YOURS  
SEE

## CENTURY BRICK COMPANY

14910 LINWOOD AVE. • DETROIT 38, MICHIGAN

See It At *Showcase, Inc.* Birmingham, Mich.

"CENTURY" furnished face brick for  
Ford Lima Engine Plant — Lima, Ohio

## OGLESBY EQUIPMENT CO.

### Distributors

of Quality Laboratory Furniture  
Manufactured by E. H. Sheldon Equipment Co.

LABORATORY EQUIPMENT FURNISHED  
FOR

LIFE SCIENCE RESEARCH CENTER  
WAYNE STATE UNIVERSITY  
DETROIT, MICHIGAN

20356 Grand River Avenue  
Detroit 19, Michigan •

KEenwood 3-8740

## DURAKO PAINT & COLOR CORPORATION

Supplied Paint for  
Chevrolet Supply Depot, General Motors Corporation, Flint, Michigan  
and

Undergraduate Library, University of Michigan, Ann Arbor, Michigan

Both Buildings Designed by Albert Kahn Associated Architects & Engineers, Inc.

6315 E. SEVEN MILE ROAD AT MT. ELLIOTT • DETROIT 34, MICHIGAN • TWINBROOK 1-2560

## LORNE PLUMBING & HEATING CO.

PLUMBING CONTRACTORS  
SINAI HOSPITAL ADDITION  
Detroit, Michigan

PLUMBING • HEATING • AIR CONDITIONING • PROCESS PIPING  
641 West Congress Street ★ Detroit 26, Michigan ★ WOodward 2-0112

## ACME ELEVATOR COMPANY

Supplied and Installed Rotary Lift Hydraulic Freight Elevators  
For The Chevrolet Supply Depot, General Motors Corp., Flint, Michigan

FREIGHT-PASSENGER ELECTRIC AND HYDRAULIC  
HOME ELEVATORS • INCLINATOR STAIR LIFTS • DUMBWAITERS

3950 GRANDY AVENUE  
DETROIT 7, MICH. • WALNUT 1-9424

SALES & SERVICE • MAINTENANCE-INSPECTION • ALL MAKES REPAIRED • 24 HOUR SERVICE

*On Top Since '79*  
**J. D. Candler**  
ROOFING COMPANY, INC.  
551 E. VERNOR HWY. • DETROIT  
D. W. CANDLER •

ROOFING AND  
SHEET METAL  
WORK  
INDUSTRIAL AND  
RESIDENTIAL  
NEW ROOFS—  
ASPHALT  
SHINGLES  
COMPLETE  
ROOFING AND  
SHEET METAL  
REPAIRS FOR  
OVER 80 YEARS







Photo Illustrators, Inc.

WIVES of DAGL committee men for the dinner dance are shown making arrangements for the affair. They are, left to right, Mrs. James M. Power, Mrs. F. Eugene Ralls, Mrs. Richard H. McClurg and Mrs. Eugene Majka

## Golf League Dinner Dance

**HIGHLIGHTING THE FALL SOCIAL SEASON** will be the dinner dance given by the Detroit Architectural Golf League on Saturday evening, October 24th at the Birmingham Country Club.

Cocktails will be served at 7 o'clock preceding the dinner. The annual golf champion trophy awards will be made during the evening by Richard H. Mc-

Clurg, League President. The Fenby-Carr orchestra will furnish the music for dancing. James M. Power, Entertainment Chairman, announces that there will be the same fabulous door prizes as in previous years.

Architects and engineers are urged to call Jim Power at WO. 2-2940 for reservations now.

Pictures taken by Tournament Chairman Dick Miller at Grosse Ile Country Club on August 18th show, from left to right, Jim Mattison, Dick Klees, Rex Rokicki, Earl Meyer, Woody Woodhouse, Al Ferguson, Leo Perry, Tony Kross, Al Durkee, Drink Dispenser, Skip Drane, and Hal Zigmanth





# Michigan Drilling Co.

FOR

- Soil Test Borings For Foundation and Other Structures
- Complete Laboratory Testing
- Diamond Core Drilling

14555 Wyoming Avenue  
Detroit 38, Michigan  
WEBster 3-8717



**M. DEN BRAVEN**  
established 1912

SHEET METAL  
VENTILATING  
AIR CONDITIONING

9080 Alpine Avenue  
Detroit 4, Michigan  
WE. 3-7494-5-6

# Nelson Company

PLUMBING  
HEATING &  
AIR CONDITIONING  
SUPPLIES

WHOLESALE

Beautiful Plumbing Display Room  
Available for Architects and  
Their Clients

MAIN OFFICE  
and  
DISPLAY ROOM  
2604 FOURTH AVE., DETROIT  
WOODward 2-4160

ROYAL OAK  
GROSSE POINTE  
ANN ARBOR

# DUNBAR-BORTON, INC.

**Mechanical Contractor**

UNDERGRADUATE LIBRARY  
UNIVERSITY OF MICHIGAN  
Ann Arbor, Michigan

- Industrial
- Institutional
- Commercial
- Residential

COlfax 5-2171

242 WEST MAUMEE STREET  
Adrian, Michigan

# H A M I L L ELECTRIC COMPANY

*Electrical Contractors*

SCIENCE BUILDING  
WAYNE STATE UNIVERSITY  
Detroit, Michigan

✓ INSTITUTIONAL  
✓ INDUSTRIAL  
✓ COMMERCIAL

TRinity 1-2650  
2921 East Grand Boulevard  
Detroit 2, Michigan

# Gatlin Bros., Inc. Lathing & Plastering Contractors

CHEVROLET FLINT  
MAJOR SUPPLY DEPOT  
Flint, Michigan

PIllgrim 2-4510

1846 BAGWELL STREET  
FLINT 3, MICHIGAN



# THE PRODUCERS' COUNCIL, Inc.

NATIONAL ORGANIZATION OF BUILDING MATERIALS AND EQUIPMENT MANUFACTURERS

Official Publication, Michigan Chapter

M. EUGENE HANNUM, President  
C. RUSSELL WENTWORTH, Vice President  
ROBERT D. MOSIER, Secretary  
EDWARD S. PARKER, Treasurer

MARY EVARIAN, Recording Secretary  
17209 Wyoming Avenue  
Detroit 21, Michigan  
UNiversity 4-2664



## USE OF RESILIENT FLOORING APPLIED OVER LIGHT WEIGHT AGGREGATES

By R. G. Pass, Armstrong Cork Company

TWO PROBLEMS may be encountered where resilient floors are applied over lightweight aggregate concrete as is used in tilt- or lift-slab, as well as conventional cone construction.

The first problem concerns the tendency of lightweight aggregates, hydroscopic in nature, to retain moisture longer than the usual drying time and, in fact, to accumulate moisture from the atmosphere. This results from the extreme porosity of such concrete mixes and the captured alkaline moisture. The moisture rises to the surface of suspended slab-subfloors, as it does in any other concrete that is in direct contact with the ground.

To determine whether such a moisture condition exists, moisture tests should always be made *throughout the entire depth of the slab* to make sure that it is sufficiently dry for the installation of resilient floors. If excessive amount of moisture is present, the use of resilient floors must be questioned.

In most cases, the special adhesives recommended for use with the various floors over "on-grade" slabs should also be used over "lightweight aggregate concrete."

The second problem concerning installation of resilient flooring over lightweight aggregate subfloors has to do with their low density. Such density is of great advantage in building construction because of lightness or thermal insulation. Obviously, these properties result from a high degree of porosity, or the compounding of light ingredients relatively weaker than the sand, gravel, and stone in conventional concrete. Therefore, a lightweight aggregate, strong enough for a prescribed floor load, may be too weak *on the surface* for adhesion of resilient flooring; the surface may be inherently dusty or crumbly, tending not to hold an adhesive bond.

It is not intended here that the advantages of lightweight aggregates should be foregone for the sake of resilient flooring, nor that the resilient flooring be sacrificed to the peculiarities of lightweight aggregate subfloors. Rather that the two can be reconciled, if the use of resilient flooring is anticipated. It appears that lightweight aggregate concrete containing perlite or vermiculite is compounded in densities ranging from 20 to 40 pounds per cubic foot. Since, as described above, density has a direct relation to strength, the surface of this type of lightweight slab is structurally weak—at least, too weak to support the bond of the adhesives for resilient flooring. Therefore, concrete slabs of this type should have at least 1" thickness of standard gravel or stone concrete mix as a topping or finish surface.

Lightweight aggregates consisting of expanded slag, shale, or clay, and hav-

ing a density of 60 to 90 pounds per cubic foot are also too light for direct installation of resilient flooring. They too should be topped off with a 1" finish of standard gravel or stone concrete. When, however, the density ranges from 90 to 120 pounds per cubic foot, the installation of resilient flooring is recommended if the surface of the slab is troweled to a smooth, even, finish.

The architect specifier's responsibility with respect to resilient flooring on lightweight aggregate subfloors can be defined as: (1) The specifier must *anticipate* the use of resilient flooring in order to take certain precautions to make special provisions, (2) The specifier must have foreknowledge of expected subfloor drying time in order to schedule building time, and (3) The specifier must have definite information on the structural strength of the subfloor as it pertains to the upper surface.

Some of those who attended the MSA Conference at Grand Hotel on Mackinac Island in August are shown at the Producers' Cocktail party. From left to right: John R. Koch, Mr. & Mrs. Albert Gustav Hann, Miss Patricia Ann Hann, Frederick J. B. Sevald, Jr., Mrs. Koch, and Mrs. & Mrs. Walter Grove Sandrock





**GIBRALTAR FLOORS, INC.**  
Cement Finish Contractors

For  
**Chevrolet Supply Depot**  
**General Motors Corporation**  
**Flint, Michigan**

48 W. STATE FAIR AVE., DETROIT 3, MICH.  
FOREST 6-0100

**THE TAUBMAN CO.**

INCORPORATED  
GENERAL CONTRACTORS  
OAK PARK, MICHIGAN  
JORDAN 4-5540

**Smith Fireproofing Co.**

FIREPROOFING CONTRACTORS

Gypsum, Clay Tile and Cinder Block Partitions,  
Structural Glazed Facing Tile Partitions,  
Pre-Cast Gypsum Roofs and Ceilings,  
Beam and Column Fireproofing

1335 E. STATE FAIR AVE.  
DETROIT 3, MICHIGAN  
TWINBROOK 3-3311

*Masonry for Sinai Hospital Addition, Detroit*

**CAULKING INSTALLED  
ON THE NEW HENRY FORD  
HOSPITAL PARKING GARAGE**

**Detroit Caulking &  
Weatherproof Co.**

Manufacturers and Distributors:  
GRUND GASKETS AND SUPERIOR ELASTIC CAULK  
1347 E. Jefferson Ave., Detroit 7, Mich.  
WOODWARD 3-7925 for Estimates

**PALMER-SMITH COMPANY**  
GENERAL BUILDERS



TEMPLE 3-2114  
415 BRAINARD STREET  
DETROIT 1, MICHIGAN



**Acorn Iron Works**  
INCORPORATED

FABRICATORS & ERECTORS OF STRUCTURAL  
STEEL AND MISCELLANEOUS IRON

9260 Freeland Avenue, Detroit 28 • TEXAS 4-9090

**MICHIGAN TILE & MARBLE CO.**

CERAMIC & FULGET TILE  
FURNISHED AND INSTALLED  
IN  
UNDERGRADUATE LIBRARY  
UNIVERSITY OF MICHIGAN  
ANN ARBOR, MICHIGAN

9317 Freeland Avenue, Detroit 28, Michigan  
WEBSTER 3-1000

QUALITY Since 1864 INTEGRITY



**Lumber co.**

MILL  
3741 St. Aubin  
TE 2-6660

YARD  
14541 Schaefer  
VE 8-5151

See It At *Showcase, Inc.* Birmingham, Mich.

**GRACE HARBOR**  
Lumber Company

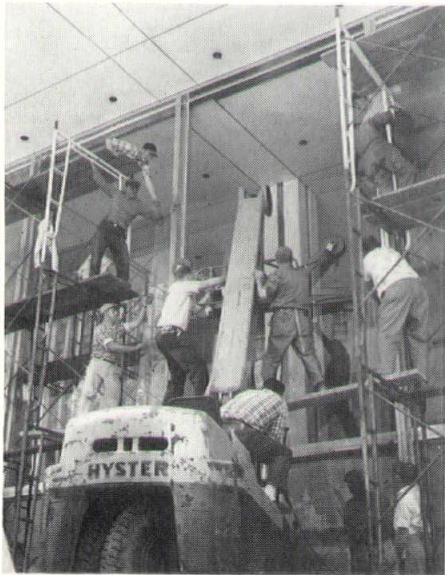
8951 Schaefer Road  
DETROIT 28, MICH.

ESTABLISHED 1892  
WE. 3-4913

October '59 Monthly Bulletin



# Products News



West Detroit Glass Co. crew installing 1200 pound plate glass "lite" at National Bank of Detroit

**THE WEST DETROIT GLASS CO.** recently successfully accomplished a very difficult and interesting project of glazing when some of the largest and heaviest panes of plate glass were installed in the new main office of the National Bank of Detroit. Each of these 1/2-inch plate glass "lites" weighed over 1200 pounds and were 10 feet wide by 18 feet, six inches high.

Granite steps and the mall construction made it impractical to work from this area though glass had to be installed on this side of the ground floor. "It was necessary to work from the north side of the building where the main floor is level with the street," said Seymour King, vice president of the West Detroit Glass Co. Special precautions had to be taken so as to prevent the 4,500 pound cases of glass from damaging the snow-melting pipes beneath the pavement. The weather conditions also had to be right as wind makes it hazardous to handle these large panes of plate glass. The temperature could not be under 40 degrees due to the sensitivity of glass. In addition the installation required that everything be dry and clean.

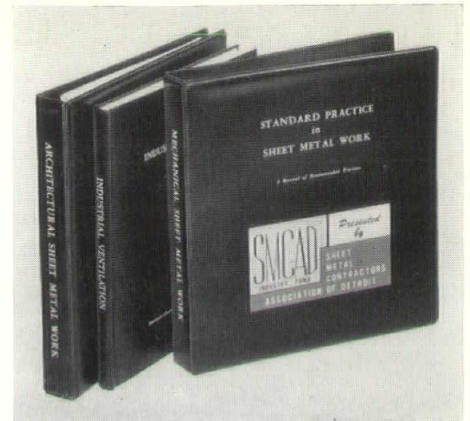
A vacuum frame assembly with rubber cups was placed on the glass. Air was then pumped into the cups. The next step was the pressing of a trigger which released the air leaving the suc-

tion cups firmly attached to the glass by vacuum. Next a tractor-mounted crane tilted the glass upright to a dolly and it was wheeled or "walked" according to the location of installation by the 19-man installation crew.

Another problem encountered was that the glass, weighing over half a ton, had to be lifted seven feet above the lower panes of glass.

Quarter-inch plate glass is usually used for large window walls of most modern buildings but strong wind conditions to be expected plus bank security requirements caused Albert Kahn Associated Architects & Engineers, Inc. to specify half-inch plate glass making the custom manufactured panes among the heaviest as well as the largest produced by Pittsburgh Plate Glass Co. according to Robert Wardrop, Detroit manager of this firm.

**THE SHEET METAL CONTRACTORS ASSOCIATION (SMCAD) INDUSTRY FUND** Library of Sheet Metal Specification Manuals has met with enthusiastic acceptance in the Detroit area from hundreds of architects, engineers and specification writers. "The detailed information on sheet metal construction contained in these manuals will go a long way



SMCAD Library of Sheet Metal Specification Manuals

toward standardizing specifications and aid designers by supplying current knowledge of the intricacies of sheet metal work," according to William J. Rettenmier, executive secretary of SMCAD Industry Fund.

The present library of manuals includes three volumes: (1) Architectural Sheet Metal Work; (2) Mechanical Sheet Metal Work and (2) Industrial Ventilation. Later a manual detailing duct work for high-velocity air systems will be distributed.

SMCAD Industry Fund's address is Room 224 McKerchey Building, 2631 Woodward Avenue, Detroit 1, Michigan—Telephone Woodward 3-1209.

## HERSEY'S PHOTOGRAPHIC ARTS—

Lansing, Michigan, specializing in architectural photography, now have 5000 sq. ft. devoted largely to serving architects throughout the midwest with fast, economical in-studio and on-location photography.

Hersey's three thoroughly equipped, photographic station wagons, manned by expert personnel, travel extensively in Michigan, Ohio, Illinois, Indiana and Wisconsin. They are also available for special on-location assignments anywhere.

William L. Hersey, president of this efficient, fast photographic service organ-

ization, has been successfully operating in this field since 1947 and has built an enviable reputation among architects in handling varied on-location assignments.

Hersey reports that they can now offer color photography at costs that permit its widespread use by architects. This year they added 18" x 24" photostat equipment and volume in this copying department has shown marked growth due to the demand from architects and others throughout the Lansing area. Complete information regarding the services of Hersey's Photographic Arts can be secured by writing them at 5332 South Pennsylvania Ave., Lansing, Michigan or telephone TU. 2-4556.

**Lobby of Hersey's Photographic Arts gives evidence of their work in the architectural field**





# Bulletin Board

**SPLIT RUN**—It's always interesting to see how variations in ad copy affect its pulling power. One example comes from a Hungarian newspaper, Magyar Ifjúság. The advertiser is a young man and the product he is offering is himself. He ran three ads.

In the first, the copy read: "Young man, firm character, seeks good girl who stays with him in good and bad days." Response was poor.

The second ad was altered slightly to read: "Serious, well-situated, young intellectual seeks acquaintance of pretty, intelligent girl." Results were only slightly better.

The third ad was changed more radically: "Fifty-year-old gentleman with nice apartment and car wants to get acquainted only with really beautiful and young girl." Pulled very well.

**A KING AND QUEEN** of yore thought highly of a certain jester, but he risked the royal ire one day by announcing: "An apology can sometimes be worse than the insult that prompts it." "Either prove that," said the king, "or off goes your head." A short while later, his majesty happened to bend over and the jester landed a lusty kick on the royal posterior. As the king straightened up, purple with rage, the jester apologized, "Your pardon, Sire, I thought you were the queen."

**ARCHITECT ED STONE**, speaking about the difficulty of architects becoming registered in other than their home states, said, "They say that even the Taj Mahal was designed by an out-of-state architect, from Turkey."

Other Stone's throws: "No architect is ever contaminated by the accumulation of past experience. To some architects, redwood is God's greatest gift to man."

"Don't be modern—closing your eyes to 2500 years of western culture and proving yourself content to copy the next-door neighbor's taste. Beware of progress, which invariably means sacrificing something good for something less attractive."

**A WEALTHY GERMAN ARCHITECT**, Hans Teichert, is in jail — and he likes it. Teichert has moved into the old city prison at Rothenberg which he bought three years ago. He has changed the jail into a veritable palace and has decorated it with a fantastic art collection that was not available to previous tenants.

**"DO YOU BELIEVE THERE IS A REAL LIVE DEVIL?"** asked one lad.

"Nope," answered the other, "I think it's just like Santa Claus—it's your dad."

**"I WENT TO A DENTIST** and had a tooth pulled."

"Did he give you a local anesthetic?"

"No, I think it was made in Canada."

**"I HAD A TOOTH PULLED IN MEXICO.** It was of Mexican extraction."

**"I WENT TO CALIFORNIA** and got married. It was a Western Union."

**THINK OF A NUMBER**, double it, add eight, divide by two, subtract the original number. The answer is four.

**DETROIT BATTER TED LEPSIO**, in a game with the Washington Senators, dusted off the plate when he didn't like the call of a strike. The Senators won 5 to 2.

**THE POPE**, they say, gets his potato chips from the chipmunks.

**AT A CONVENTION OF FUNERAL DIRECTORS**, there was a panel discussion on "How to look sad at a \$10,000 funeral."

# Advertisers

Acme Elevator Co.	66
Acorn Iron Works	70
Aerofin Corp.	16
Allied Steel & Conveyers Div. of Sparton Corp.	52
Andersen Windowalls	52
Arrow Wrecking Co.	2nd Cover
Bauer-Foster Floors, Inc.	15
Besser Co.	6
Blumcraft of Pittsburgh	4
Brodie, J. & Son, Inc.	62
Brown & Ralsch Co.	46
Bryant Mfg. Co.	60
Bryant & Detwiler Co.	34
Burke, O. W. Co.	42
Candler, J. D. Roofing Co., Inc.	66
Carlson Brothers Co.	62
Century Brick Company	66
Cinder Block, Inc.	40
Clay Sewer Pipe Association, Inc.	8
Couse, Walter L. & Co.	58
Crawford Door Co.	56
Crawford Door Sales Co.	56
Darin & Armstrong, Inc.	54
Den Braven, M.	68
Detroit Caulking & Weatherproofing Co.	70
Detroit Edison Co.	3rd Cover
Detroit Marble Co.	64
Detroit Sterling Hardware Co.	46
Diebold, Inc.	50
Dunbar-Borton, Inc.	68
Dunn-Rainey Co.	9
Durako Paint & Color Corp.	66
Fireside Printing & Publishing Co.	64
Freeman, John H. Co.	56
Gatlin Bros., Inc.	68
Gibraltar Floors, Inc.	70
Glanz & Killian Co.	58
Glazed Products, Inc.	63
Grace Harbor Lumber Co.	70
Green, John E. Company	60
Gussow, Leonard H.	72
Hamill Electric Company	68
Harlan Electric Co.	1
Harty, R. V. Co.	48
Haughton Elevator Co.	4th Cover
Hersey's Photographic Arts	60
Kimball & Russell, Inc.	52
Lexusco, Inc.	10
Lorne Plumbing & Heating Co.	66
Mahon, R. C. Co.	2 & 3
Mercier Brick Co.	65
Michigan Consolidated Gas Co.	44
Michigan Drilling Co.	68
Michigan Tile & Marble Co.	70
Miller, A. J., Inc.	65
Miller, John Electric Co., Inc.	64
Moynahan Bronze Co.	62
Moynes, James A. & Co.	62
Nelson Co.	68
Oglesby Equipment Co.	66
Palmer-Smith Co.	70
Perron Construction Co.	13
Photo Illustrators, Inc.	72
Portland Cement Association	12
Schlain, Abbott K. Co.	60
Shaw Winkler, Inc.	54
Sheet Metal Contractors Association of Detroit	58
Smith Fireproofing Co.	70
Special Mfg. Co.	64
Spitzley, R. L. Heating Co.	14
Spitzley-Rettemier Sheet Metal Co.	14
Stevens, Frederic B., Inc.	48
Taubman Co.	70
Utley, J. R. Co.	38
Walcon Corp.	56
Wallich Lumber Co.	70
West Detroit Glass Co.	54
Williams Equipment & Supply Co.	50
Wolverine Marble Co.	58
Zack Co.	36

## Leonard H. Gussow CONSULTING ENGINEER

ASSOCIATE MEMBER, DETROIT CHAPTER, A. I. A.

Electrical Work  
Exclusively

1112 CHARLEVOIX BLDG.  
DETROIT 26, MICHIGAN  
WOODWARD 5-6336

## PHOTO ILLUSTRATORS, Inc.

OFFICIAL PHOTOGRAPHERS MSA BULLETIN

- Architectural
- Commercial
- Complete Photographic Services

51 Selden • Detroit, Michigan • Telephone TEmpLe 3-7600





*There's room for "painless" expansion in this modern electrical switch gear.*

*Checking high-speed resinoid grinding wheels. Each size and shape is custom-formulated for a specific job.*



## HAVE POWER FACILITIES KEPT PACE WITH PLANT GROWTH?

AS THIS DEARBORN COMPANY DID,  
CHECK YOUR POWER SYSTEM BEFORE IT CHECKS YOU!

Expansion is nothing new for Frank Bancroft Company, Inc., Dearborn manufacturer of high-speed resinoid grinding wheels. Over the years, the company has often added machines and increased the electrical load. Recently, however, planning for new equipment led to the realization that it had reached the limits of its electrical distribution system. Six main switches, the code maximum, occupied all available wall space. Solution? New 2,000-ampere switch gear. Now, Bancroft Company has safe, efficient power distribution controlled by one main switch—plus extra capacity for even easier expansion in the future.

As businesses grow, it is easy for them to approach their electrical limits almost unawares. How long has it been since you reviewed your power facilities? Your electrical contractor will make a Planned Power Analysis without obligation. Call him soon, or call Detroit Edison—WO 2-2100, Ext. 2865.

DETROIT EDISON





National Bank of Detroit  
Albert Kahn Associated Architects & Engineers, Inc.  
Bryant & Detwiler Co., Gen'l Contractor

*Impressively modern...*

**and served by HAUGHTON OPERATORLESS ELEVATORS**  
**... new concept in elevating inspired by *Elevonics*\***

A dramatic combination of architectural beauty and functional design, the new National Bank of Detroit has the most advanced system of electronically controlled elevators, keyed to the age of automation!

Seventeen Haughton Operatorless Elevators speed traffic from floor-to-floor, in regal comfort, and with uncanny speed and smoothness. They are motivated by an amazing "electronic brain" that anticipates service needs at every moment, and dispatches cars at proper times and in proper sequence to meet traffic needs *exactly*!

Such is the magic of Haughton Elevonics\*, key to new advancements in elevator technology . . . and new standards of elevator performance, economy and comfort for multi-floor buildings of all types.

We are proud that Haughton Elevators have a part in maintaining the functional integrity of the new National Bank of Detroit. Their complete reliability is thoroughly recognized by building professionals. We will be glad to furnish you with complete information on Haughton design, modernization and maintenance capabilities.

*\*Haughton's advanced program in elevator systems research and engineering, with specific emphasis on the creative application of electronic devices and instrumentation for betterment of systems design and performance.*



EMBLEM OF  
EXCELLENCE  
IN VERTICAL  
TRANSPORTATION

**HAUGHTON**  
**ELEVATOR COMPANY**

**DIVISION OF TOLEDO SCALE CORPORATION**  
Executive Offices and Plant • Toledo 12, Ohio  
FACTORY BRANCHES TO SERVE YOU COAST TO COAST