"View of Detroit in 1836" by American artist William James Bennett (1787 - 1844). Courtesy of The Detroit Institute of Arts
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Sylvania's louvered ceiling provides 135 foot-candles maintained of general lighting for over 100,000 square feet of exhibit area. Giffels & Rossetti, Inc., Architects and Engineers
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Tarnow Electric Supply Company
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Sylvania's 2' x 8' and 2' x 2' Troffers illuminate 300,000 square feet of exhibit space.

IN COBO HALL
10 ACRES of LIGHTING by SYLVANIA

On both the first and second floor exhibit areas of Cobo Hall, lighting by Sylvania provides the dramatic and versatile illumination needed for a wide variety of exhibit uses.

In the vast A, B and C Halls, Sylvania's 2' x 8' and 2' x 2' Recessed Troffers provide six different levels of general lighting. Spotlights on 10' modules highlight exhibits as required.

Hall D obtains similar flexibility through the use of Sylvania louvered ceilings.

For your lighting requirements — whether 10 square feet or 10 acres check Sylvania first.

For a detailed description of the lighting installation at Cobo Hall Write to: SYLVANIA LIGHTING PRODUCTS
A Division of Sylvania Electric Products, Inc.
One 48th Street, Wheeling, W. Va.

Sylvania
Subsidiary of GENERAL TELEPHONE & ELECTRONICS

October '60 Monthly Bulletin
ELECTRICAL CONTRACTORS

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Established 1884

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All the statistics on Cobo Hall-Convention Arena are mighty impressive: 51 acres of utilized floor and roof space; exhibit area equal to nine football fields; water system large enough for a city of 70,000.

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Bethlehem bars are new-billet steel bars. Each bundle has a pedigree, a certified mill test report that guarantees both architect and contractor that Bethlehem new-billet steel bars will do the job.

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LETTERS

BULLETIN:
It was suggested by a member of your chapter that you would be interested in a copy of our public swimming pool code which has recently been adopted by the Board of Health. A copy is enclosed for your information. We would like to discuss with you the best means of notifying the architects in the Detroit area of the existence of his code so that those interested may request copies.

This code is a major revision of "Regulations Governing Design and Construction of Swimming Pools in the City of Detroit," first adopted by the Board of Health in 1928, and "Regulations Governing Operation of Detroit Swimming Pools," first promulgated in January, 1925. Both documents along with their intervening amendments are now superseded.

The first working draft of the new code was assembled August 5, 1959 and submitted to the Board of Health for consideration. At the same time it was distributed to a number of health departments, architectural and engineering firms, and city agencies for comments. Many constructive criticisms were received, of which a considerable number were incorporated in the final form of the new Regulations or in the Appendix.

We are grateful to those who took the time to send us their comments. We hope that any errors discovered in this "final" draft will be sent to us to be incorporated into the inevitable "next revision."

Your attention is called to certain corrections and last-minute changes made by the Board, as listed on page 34.—JOHN H. RUSKIN, Associate Sanitary Engineer, City of Detroit, Department of Health, Detroit 26, Michigan.

BULLETIN:
On a recent visit to an architect friend, I had the pleasure of seeing the AIA Monthly Bulletin of the Michigan Society of Architects, published about a year ago commemorating the Michigan work of Frank Lloyd Wright.

My hope is that copies are still available and I've enclosed $1.50 to cover the cost of three copies, as per information included in that Bulletin.

My congratulations to the Michigan Society of Architects for this fine piece of publication.—LAURENCE RANDOLPH, Milwaukee, Wis.

BULLETIN:
Thank you for the copy of your Monthly Bulletin Michigan Society of Architects for September 60.

I would like to obtain about ten copies of the page 9, on which you have printed my two letters, so that I may enclose them in letters to old friends of my late wife. Do you have any extra copies that I can buy at the regular price of the magazine?

I like the spirit of your magazine and to note that it continues that which I noted sixty years ago among the "Michigan wanderers": the spirit of pleasure in the work they were doing and camaraderie among the old and young in the social sense of gatherings for the development of human relations among the diverse factors that compose the great and ever-expanding field of building.

FRANCIS S. SWALES, 179 Valentine Lane, Yonkers 13, N. Y.

BULLETIN:
Because of you, yourself you have created, I am moved to fill in the lines on the reverse side of this paper (subscription blank) in accord with what they ask, but it would be useless.

You see, I am old, with no practice, and no ability to make use of any kind, no matter how valuable.

However, I am glad you have made a success of what you undertake. I believe that architecture should have chiefly at heart "beauty that moves the soul." . . .

All I want to say is that I wish we could meet once in a while. I continued success. With the good wishes, most sincerely.

JOHN V. VAN PELT, FAIA, F. H. West, Patchogue, N. Y.

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MONTHLY BULLETIN
Michigan Society of Architects
125 Madison Ave., Detroit 26, Mich., 1950
Talmage C. Hughes, F.A.I.A., Editor & Publisher. Published under the direction of Monthly Bulletin, Inc., a Michigan non-profit corporation. Otherwise owned by Talmage C. Hughes, F.A.I.A., founder (1938), editor and publisher, Executive Secretary of the Society and 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 L. Lyons, Secretary; Bruce H. Smith, Treasurer; Gerald G. Dielka, Earl O. Meyer, Fred J. Schoettley, Philip N. Youtz, Directors; Talmage C. Hughes, Executive Secretary.

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

OFFICIAL PUBLICATION—Student Chapters of the Michigan Society of Architects for this fine piece of publication.—LAURENCE RANDOLPH, Milwaukee, Wis.

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FRANCIS S. SWALES, 179 Valentine Lane, Yonkers 13, N. Y.
COBO HALL...

STEEL FABRICATION AND ERECTION
BY
MAHON
Master of Metals

STRUCTURAL STEEL DIVISION
THE R. C. MAHON COMPANY
DETROIT 34, MICHIGAN
LIST OF COMMERCIAL STANDARDS revised to July 1, 1960 is now available, according to Commodity Standards Division, Office of Technical Services, Business and Defense Service Administration, U. S. Department of Commerce.

The new index lists all Commercial Standards under 22 classifications including Apparel and Apparel Sizing; Chemicals; Electrical and Mechanical Equipment; Hardware, Instruments and Tools; Heating, Ventilating and Refrigeration; Household and Hospital Supplies; Lumber and Wood Products; Millwork; Paper and Petroleum Products; Plastics; Plumbing Materials and Fixtures; Pipe and Fittings; Precious Metals; Rubber Products; Textiles; and Thermal Insulation Materials.

New standards in preparation, and existing standards being revised to reflect current industry practices are shown in a supplemental list.

Commercial Standards are voluntary standards, adopted by industry to establish nationally recognized quality requirements, including methods of testing, rating, or grading. They also provide a means for certifying and labeling products that comply. They are developed at the request of the industry concerned to form a common basis of understanding among producers, distributors, and users of the products, and to provide a basis for fair competition.

Also available is a pamphlet entitled "Commodity Standards, WHAT they are—HOW they are done—WHY they are used."

Single copies of the list and the pamphlet are available without charge upon request to the Commodity Standards Division, U. S. Department of Commerce, 438 Federal Bldg., Detroit 26. Ask for Catalog No. 978, and Commodity Standards Pamphlet.

BUILDING PRODUCTS REGISTER, recently published by The AIA, after a ten-year study, is a single reference work containing product analysis.

A descriptive brochure is available at the Detroit Chapter offices, as well as a copy of the Register for the inspection of those who may consider its purchase. The price is $25.

AIA DOCUMENT-OF-THE-MONTH FOR JULY, 1960

How Much ... Does An Architect Do? How Much ... Does An Architect Cost?

A clear, brief survey of the architect's services and the owner's responsibility.

This brochure develops four main topics in outline form. Section I deals with architectural services. It concisely states each step the architect takes, starting with the schematic design phase and concluding with the fulfillment of construction contracts. Recommended minimum fees are well explained in Section II. The responsibility of the client is defined next and the ethics set up by the AIA provide a fitting conclusion.

The format and content of this pamphlet make it one that many architects will want to have on hand, particularly when they are interviewing clients. Address of the Chapter is 422 Securities Building, Des Moines, Iowa.

"CHALLENGE TO STATESMANSHIP" has been designated Document of the Month for August, 1960, it is announced by George F. Pierce, Chairman of The AIA Chapter Affairs Committee.

"CHALLENGE TO STATESMANSHIP" has been designated Document of the Month for August, 1960, it is announced by George F. Pierce, Chairman of The AIA Chapter Affairs Committee.

Says the announcement: "The college education crisis, as we all know, is not confined to Florida. However, we feel this professional presentation of The FAA may stimulate other architectural groups to act to alleviate the present crush and to plan for future development."

REPRESENTATIVE WANTED in your territory. From your desk you can earn a substantial addition to your income. Only written contacts with your clients! Write for particulars and further details to VIK - Office, Vienna 66, P. O. B. 128, Austria.

WHO INVITED HIM?

"Say, hope you're not too far along with my house plans—I've clipped a few more ideas that I'd like to work in."

THE SATURDAY EVENING POST
COBO HALL – DETROIT

World’s Largest Parking Roof Deck Paved With . . .

HASTINGS PRE-MOULDED ASPHALT BLOCKS

HASTINGS PAVEMENT COMPANY, INC.
128th Street and College Point Causeway, Flushing 54, New York
Bonding Practices

Excerpts from an Address by T. L. Sedwick, Vice President of Standard Accident Insurance Company, before the Annual Meeting of the National Association of Architectural Metal Manufacturers, Boca Raton, Fla., May 5, 1960.

Present bonding practices were established in 1935 when the Miller Act supplanted the Heard Act. Under the Miller Act one bond covers the performance hazard to the owner and another bond to the owner for the benefit of creditors covering payment of bills. As you may already know, these are generally identified as Performance Bonds and Payment Bonds. The Miller Act became effective in 1935, and soon thereafter many states followed suit. This was such a successful development that a tide of sentiment arose to blanket the country with this principle. The New York Building Congress espoused this idea for private, state, and school construction. We in the surety industry secured the consent of the New York Building Congress to come up with something. An Industry Committee was set up and in 1945 it developed a dual performance and payment bond arrangement that met the acid test of the approval of national organizations representing contractors, creditors, and architects. This was incorporated in the American Institute of Architects’ Handbook, then as A.I.A. Form No. 107. Court decisions on these forms have uniformly upheld the intention of the drafters.

The Surety Association of America, after ten years, made some revisions, most of which represented tender regard for the creditors. The revised and latest most current bonds, so pedaled are of birth currently appear in Handbook of Architectural Practice (8th Ed.) and have been designated A.I.A. Form No. 311.

First let’s examine the role of a subcontractor relying on the bond furnished by the general. You may have concern only for the payment of your account. To that end I commend your attention to the requirements imposed regarding time for filing and pursuing your claim. Many have quite elaborate provisions. Many of them too are quite strict. To that end I recommend a $12.00 investment. It is “Credit Manual of Commercial Laws,” published annually by National Association of Credit Management, and for those in the building business one of the best one-volume law libraries I know.

It is generally not the policy of sureties to ignore requirements imposed on creditors by the bond or governing statutes regarding notice of claim, time for filing, or nature of the claim. We must bear in mind that the material-man or sub-contractor formerly only had his lien rights. You all know how tough the statutory requirements are on perfecting a lien. Even if the preliminary hurdles of meeting all requirements for notice and filing are cleared, the security afforded is frequently very small. Bonds were first used on public work to fill the void of the lack of lien rights in public moneys or buildings. As bonding spread from public to private work, the scope of recovery broadened, and now, bond forms espoused by the surety industry are broader than most lien laws except as statutory bonds may be governed by a tough statute. Witness the development of A.I.A. 311, in which the sureties have cooperated—they have in no case resisted the simplified filing of a claim. Yet they feel no reluctance in declining a claim that fails to meet the requirements of the bond or the governing statute. Additionally, in some instances the surety has buttressed itself by indemnity of an interested party. A surety under these circumstances, ignoring defenses to a claim, becomes a volunteer and cannot look to its indemnity for recourse.

“Issure extended with sole reliance on the security of the bond and without regard to the financial position of the contractor?” This is a question I believe you could answer better than I. However, as a general rule we are grateful that it is not. When one of our contractors collapses, we find many creditors who are holding the bag on unbonded work are holding the bag because they have voluntarily waived their right to perfect claims. I feel sure that the fact that the contractor is able to secure a bond is an influence in the extension of credit—but having seen so many cases involving creditors outside the scope of the bond, I can say that credit is not generally extended with sole reliance on the bond. Suppliers on bonded jobs have told us they wouldn’t hard there not been a bond. Also there are many who have been selling a contractor for years and, while happy that bond is in the picture, nevertheless are satisfied with the contractor as a credit risk. Some go even further than that. It is not unusual for an important material-man or a sub to agree to defer collection of his account to bolster a contractor case to a reluctant surety. On the other side a payment bond undoubtedly is an important influence in the extension of credit.

Your role as principal on a bond that you furnish to the owner or the general contractor brings different aspects into play. Here you are interested in surety practices in agreeing to supply the bond, or as we say in our trade language—underwriting your bond. As a preface to this, we in the surety business are often asked a leading question. I’ve answered it before and with your indulgence I’ll repeat here what I said on the most recent occasion. “Is the unqualified contractor being bonded and receiving credit?” We certainly don’t go out looking for losses, but sometimes the enthusiasm of our sales forces leads them to acceptance of risks that they should not have entertained. In the highly competitive market of public bidding, it doesn’t take much of a bump to turn a qualified contractor into an unqualified one. With unrealistic depreciation schedules enforced by Internal Revenue and up 52% of profits going to taxes, maintaining a good liquid position is no easy matter for a contractor. Our most serious losses have been on contractors who have been on our books ten or twenty years. A new risk—either newly entering the business or new to us—is usually looked over very carefully. Over-extension by an existing account is often very hard to control and over-extension is our greatest loss cause.
Detroits Magnificent COBO HALL

World's Largest Convention Exhibit Building

Giffels & Rossetti
Architects-Engineers

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Stanley Carter Company
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Detroit Free Press
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ENGINEERING OFFICES IN PRINCIPAL CITIES
A COUNTRY RECONSTRUCTS

A survey of Finnish architecture, by Prof. Hilding Ekelund, Architect, Helsinki

In recent decades, it seems, Finnish architecture has become an important factor in the international art of building. This is evidenced not only by the many notable successes gained in Scandinavian and international architectural competitions, and by the numbers of architects and other interested people who find their way to our distant country to study what has been built here. In many architectural publications Finnish architecture is accorded considerable space, and the articles reveal a generous appreciation of its consistent virile character and magnificently rectilinear nature. Even the most severe critic must admit that among the indifferent, schematic and superficial buildings of which there are many being built in Finland, there emerges with force and authority much that is of value—and not only the creations by Alvar Aalto, one of the peaks in international architecture of this century—which will perhaps prove permanent.

The Finnish architecture of today is of course no rootless phenomenon, but was preceded by a century-long development, which it is admitted cannot match that of the wealth of forms to be found in countries with an ancient civilization, but which in its rugged matter-of-factness and bold organic structure creates aesthetic values of imperishable beauty. We only need to think of our medieval castles—that at Turku, unique Olavinlinna near the town of Savonlinna—of our greystone and brick churches of the 14th centuries, such as Turku Cathedral and the churches of Hattula, Hollola, Sibbo, Lohja and many others, of the genuine and expressive wooden church architecture of more recent centuries and the memorial and peasant architecture of different periods.

Of course, this older architecture shows great kinship with contemporaneous phenomena in Sweden, but different geographical, social and economic conditions tend to it a special character, harsher and more ascetic; a certain influence from the east can hardly be denied.

Not until the end of the 18th century, in the final phases of the period of Swedish supremacy, could there be seen in Finland the results of the work of the theoretical training of architects, brought up in Sweden (the building of Abo/Turku Academy, some private houses in the same town, etc.). But soon after the country had been severed from Sweden and had become an autonomous part of Tsarist Russia, a climax occurred in building, consequent upon the new aspect of affairs in the country; Helsinki succeeded Turku as the capital, and the small fishing community was built up in accordance with a new town plan conceived on a large scale in the spirit of the Neoclassicism prevalent at that time, and with columned public buildings, magnificent for the circumstances; the university and its library, the senate building, the Great Church, and so on. Together these buildings constitute a town centre which is still one of the most homogeneous and monumental to be found. The creator of these imperishable aesthetic values and of numerous churches and manor houses all over the country—and the most eminent architect in Finland in the first half of the 19th century—was C. L. Engel, of German birth but naturalized in Finland, an artist who, regarded from an international aspect also, is among the greatest of his era.

The latter half of the 19th century was characterised by this same imitation of diverse styles, a typical feature of architecture in other countries at that time: Gothic, classic or baroque motifs abound on the facades with their rich but false details. The central parts of Helsinki were largely given form during this period, coinciding as it did with the heyday of industrialism. We cannot deny that this period nevertheless brought about many outstanding buildings, where the superimposed eclectic styles could not conceal an architectural solution which was constructively and functionally correct (the Guards Riding School, the House of the Nobility, the commercial buildings of Mercator, Lindqvist, and so on in Helsinki).

The reaction to this heterogeneous, "academic" eclecticism of style around the turn of the century is known to have assumed various forms in different countries. An attempt was often made to continue building on the basis of old national traditions, as in Denmark and also in Sweden (the Vasa Renaissance) and it was also easy to slip back into a new false imitation of style. Free from this was the Central European "Jugend" Style, which recognized that the new materials and construction methods needed an entirely new type of architecture, but which often brimmed over with bizarre and capricious decorative forms. Headed by some unusually prominent architects, the reaction in Finland became more drastic and original than in the neighbouring countries. "National romanticism," as suggested by the same, was a highly romantic style created on a national basis. Its characteristics were primitiveness and fundamental power, and a picturesque but massive construction was combined with rough material treatment—unhewn granite was mostly used for the facade—and with a self-created, rich ornamentation at times based upon old national patterns. This style is indeed worth studying, and among its most conspicuous works may be mentioned Tampere Cathedral and the Telephone Company building in Helsinki (Lars Sonck), as well as the Pohjola Insurance Company building and the National Museum in Helsinki (Gesellius, Lindgren and Saarinen). Finnish national romanticism in architecture derives added interest from the fact that it had its parallel phenomena in painting (above all, in the works of Gallen-Kallela, who also made a great contribution to the new direction of architecture) and in music (Sibelius, and others).

This period was short in duration, but left conspicuous traces in our towns. A return to greater severity and more refined treatment of material, horizontality and axiality soon followed, at the beginning with details showing personal characteristics: Helsinki Railway Station (Eliel Saarinen), the Mortgage Society House, the Stock Exchange building, and Kallio Church (Lars Sonck), the Suomi and Kaleva Insurance Company buildings (Armas Lindgren). Subsequently, after the First World War, the attachment to ideals of classical form became clearly discernible simultaneously with the restoration to places of honour of the old national traditions, the simplicity of
a new concept of convention center elevating for magnificent COBO HALL

Convention hall elevating has its own special problems. And for Detroit's vast new Cobo Hall, where it is said no foreseen convention is too large to handle, there were some special special problems.

Here's how they were solved by a specialized system of Haughton electronically controlled elevators.

Designers knew that before and after scheduled events, building traffic would mean a heavy demand for elevator service between parking areas (basement, first and roof floors) and second floor. At other times, comparatively light traffic could be expected between all floors.

Five Haughton automatic units were installed. Cars are big—six feet deep and eight feet wide. A bank of three serves basement, first, second and roof levels. Two cars serve first, second and third floors for lesser traffic needs. All units are motivated by an amazing "electronic brain" that anticipates service needs and dispatches cars at proper time and in proper sequence.

The complete reliability of Haughton vertical transportation is thoroughly recognized by building professionals and owners. We will be glad to provide you with complete information on Haughton design, modernization and maintenance capabilities.

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*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.
form of our old manor houses, town planning and churches. At this point, development in Finland took a parallel course to that in Sweden (Westman, Ostberg, and the young Asplund). The culmination and termination of this classicism of the 1920's, which also otherwise produced a number of good results, especially in housing construction, consisted of the House of Parliament (I. S. Siren), a building created with a wealth of artistic force and ambition, with a monumental, classically inspired stability. The well planned and monumentally effective Stockmann Department Store (Staud Frosterus) is one of the buildings of this period that have best resisted the passage of the years.

The breakthrough of the new style of architecture, that of functionalism, occurred in Finland at approximately the same time as it did in Scandinavia generally. The Stockholm Exhibition of 1930 is usually taken to be the dawn of the new era.

On the European continent, signs of an architectural regeneration had been discernible for a long time; but the ground was not unprepared in Finland. The national romanticism had liberated planning and the grouping of masses from the axial and symmetrical strait-jacket of architectural style, and the subsequent classicizing architecture, often built upon a national ascetic tradition, had striven for clarity and constructive order. It was very appropriate, when the ideas of functionalism were applied with an extraordinary talent for lending expressiveness and brilliance artistic form to his ideas. Bryggman—who died recently—was tranquilly meditative artistic personality whose work radiated a confidential intimacy which can hardly fail to be understood at all. Aalto's first important work of the 1930's, the Paimio Sanatorium, completed in 1932, continues to appear just as fresh and genuine as it did at the time of its creation. During the 1930's, the sanatorium was followed by several other buildings which contributed towards his being accepted as one of the world's leading architects: the famous Sunila factory with the adjacent residential area near the town of Kotka, the exquisitely beautiful municipal library in Viipuri, since ceded to the Soviet Union, Villa Mairea in Noormarkku near Pori, Finnish stands for Paris and New York exhibitions, etc.

Erik Bryggman's personal and splendidly exclusive art found its expression in buildings such as the Athletics Institute at Vierumäki near Heinola, several buildings for Abo Academy and its student nations in Turku, and above all in the impressive funeral chapel near Turku.

As for the remainder of the noteworthy works from the first bold decade of functionalism mention may be made of the Helsinki Stadium, an extraordinarily virtu and logically composed athletic forum, especially in its earlier form (Lindgren and Janth), the elegant Exhibition Hall, also in Helsinki (Hytonen and Luukkonen), the harbour warehouse on Katajanokka, Helsinki, with its powerful lines (Gunnar Taucher, and others), several examples of hospital buildings, and the earliest housing areas planned in accordance with new rational principles in some Finnish towns, as for instance the older "Olympic Village" near Helsinki.

Finland was twice drawn into the whirlpool of the Second World War, and this naturally meant a radical interruption of the particularly promising development outlined above. It is true that Finland emerged from the chaos with her independence preserved, but utterly impoverished by the war itself, the extremely heavy war reparations, and by extensive territorial cessions.

The most topical problem in the 1940's was that of trying in some way to create, under the most difficult of circumstances, adequate housing for nearly half a million evacuees, that is approximately 12 per cent of the population of the country at that time. It can hardly be said that this problem has been completely solved yet. Despite intense building activity, first of all the erection of small houses in the countryside and semipermanent flat wood-construction blocks of flats in urban areas, and subsequently permanent blocks of flats in stone, the housing shortage has not yet been overcome in urban districts. In Finland, as in other countries, reconstruction has required governmental support; in the first instance this was directed towards the creation of one-family houses. After 1949, when ARAVA, the government office for the granting of building loans, started its work, apartment houses were also given appreciable support in the form of low-interest loans.

It is obvious that such compulsory production of housing with the work being carried out under difficult economic conditions, could not achieve the best possible results, in spite of the control exercised by the credit granting institution. Nevertheless, a number of excellent housing areas have been built up in recent years, partly under communal administration, and partly on the initiative of well-managed general utility companies. A housing area which is modern in every respect, and which attains a high architectural level, that of the garden city of Tapiola, outside Helsinki, is often quoted. The foundation, Asuntosaatio, which is responsible for
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SLAG IS PURIFIED AT 2500° Blast furnace slag is more than 99% free of deleterious material. Thus slag surpasses the highest quality concrete aggregate specifications. Born in the extreme temperatures of the blast furnace slag aggregate in concrete has no equal for fireproofing structural steel.

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SLAG IS USE-TESTED One look at the Detroit-Toledo Expressway built with Slag Concrete under Michigan Highway Department specifications, is proof that Slag concrete excels in all phases of construction. Detroit's Federal Building was built with Slag in 1932, and passed a remarkable test of time with flying colors.

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Seinäjoki, reveal a new and interesting

grip of ecclesiastical architecture. A

number of highly interesting projects, not

yet completed (Ljunghby Crematorium,

Denmark; the main building of the new

Institute of Technology at Otaniemi, the

Art Museum in Alborg, etc.) supplement

the list of his works, to which should

be added numerous buildings from his

hand that have been, or are being,
erected abroad in Germany, France and

Italy. Aalto has substantially con­
tributed to town-planning, and also to furni­
ture design, where his creations can

truly be said to have constituted an era.

Despite his position of dominance in

Finland's architecture of today, Aalto

is not alone in the field. His work is

supplemented by that of a number of young

architects, some of whom are

highly talented, and who are frequently

absolutely independent. In recent years,

a strict and mathematically rectilinear

style, in contrast with Aalto's organic-
dynamic creations, has gained ground

among his younger contemporaries. This

trend, and the thought behind it, have

a certain connection with the present en­
deavour to find, by the use of prefabri­
cated elements, a modern and economic

solution to building problems. Support­
ers are also to be found for a theorising,

metaphysically speculative conception of architecture.

In conclusion, a list is given of some

of the middleaged and young architects

who, often with considerable success,

have asserted themselves in the 1950's.

and have made an active contribution to

Finland's newly acquired fame in

international architecture. Viljo Rewell's

powerful, rectilinear, bold conception of composition is beautifully expressed in

the Teollisuuskeskus office building by

the South Harbour of Helsinki, a new

conspicuous addition to the capital's

"representation facade" to the sea. An

elementary school building in Meilahki,

Helsinki, shows a boldly sweeping plan

solution. The textile factory of Kudeneulo

in Hanko is an example, in its crystal­

lised simplicity and delicate proportions,

of the high level attainable in industrial

architecture. In his numerous residential

buildings, in Tapiola, Maunula and

Vaasa, his efforts at a striking architec­
tural effect may occasionally have re­
sulted in less successful house planning.

Aarne Ervi is a highly capable archi­
tect with much experience. He has

also been busy in Tapiola, where he

has planned residential and commercial

buildings, and projected a shopping cen­
tre which is now under construction.

He has made the drawings for a num­
ber of splendid power stations in the

north of Finland, but his most important

works are probably the Porthania Insti­
tute building of Helsinki University, a

logical and skilfully realised element

construction, and buildings for the Fin­
nish University of Turku.

The passenger pavilion of Helsinki

Harbour, projected by architects Luuk­
konen and Hytonen, is in its rugged sim­

plicity and equilibrium a very good ex­

ample of present-day Finnish architec­
ture.

Jorma Jarvi's production comprises

several fine schools with unconventional

plan solutions, in Kulosaari, Vartiokyla

and Tapiola, all in the vicinity of Hel­
sinki. He also projected the attractive

swimming stadium of the capital, Aulis

Blomstedt, an individualistic architectural

theoretician, has drawn series, terraced

and atelier houses in Tapiola, and a

new, well-restrained annex to the Fin­
nish Workers' Institute in Helsinki.

Among the talented young architects,

first mention must go to Heikki Siren,

son of the architect of Parliament House.

His already extensive production in­
cludes the restrained cubist annex to the

Finnish National Theatre, the Youth

Village at Otaniemi and its beautiful

little chapel of frankly personal

solution, and several noteworthy ter­
raced houses and blocks of flats in

Otaniemi and Tapiola.

Helsinki Olympic Stadium. Lindegren & Jantti, Architects
GENERAL CONTRACTORS

Cobo Hall
Detroit, Mich.

O. W. BURKE COMPANY
FISHER BUILDING
DETROIT 2, MICHIGAN
EAST FACADE ON WASHINGTON BOULEVARD, SHOWING MAIN ENTRANCE

"View of Detroit river front in 1960" by American photographer.
COBO HALL, largest exhibition building in the world, will be dedicated on October 13, 1960 followed by the opening of the National Automobile Show on October 15—first ever to be held in Detroit.

This enormous $45,000,000* air-conditioned, three-storied, versatile structure, devoted to 1,632,990 square feet of usable space and covering twelve acres, is located in the dynamic city’s new riverfront Civic Center, which marks the site where le Sieur de la Mothe Cadillac, founder of Detroit, first set foot in 1701. Named in honor of the late Mayor Albert E. Cobo, under whose administration much of the Civic Center was initiated, the magnificent structure was designed by the world-renowned Detroit architectural and engineering firm of Giffels & Rossetti, Inc.

*includes Convention Arena
COBO HALL is 480 feet wide from east to west and 900 feet long from north to south, which is at the river. It contains exhibit areas, assembly halls, dining rooms, storage space, all under one roof.

With the Convention Arena (still under construction) it can theoretically hold four major trade shows, thirty-three meetings and a three-ring circus with 9,600 spectators all at the same time.

On the roof of Cobo Hall is parking area for 1,150 cars which is reached by a spiral ramp on the west side of the building. The ramp accommodates
three lanes of traffic. There is also provision for a heliport on the roof. An underground garage at the north end of the structure holds 606 vehicles and a two-level garage beneath the upper plaza has space for 418.

Two loading docks at the west side of the building provide twenty-three spaces for trucks, twelve at river level and eleven at street level. Cobo Hall’s northern end spans the six-lane John C. Lodge Expressway which begins from there and runs for many miles out into the populated northwest suburban section of Detroit.
THE BANQUET HALL can seat 2,800 at tables, or 4,500 when changed into an auditorium, and it can also be used as a ballroom. A cafeteria on the third level seats 1,500 and the coffee shop on the first level can serve 200 at a time. All overlook the Detroit River with beautiful views.

Kitchen equipment cost $379,600. A $45,736 automatically-controlled conveyorized, electric broiler broils steaks continuously at the rate of 4,000 an hour, each to the particular taste of the diner's order.

In the 292,425 square foot main hall there are only two rows of interior columns spaced 240 feet apart transversely and 120 feet long longitudinally, live in each row. It can be subdivided into two or three parts, by lowering sound absorbing walls at the mid-third points, and making each available for independent use.

THREE VAST EXHIBITION HALLS CAN BE MADE INTO ONE GIANT ROOM 405 x 715 FEET
The structural steel and foundation requirements were tremendous. The weight and load carried by the steel (19,721 tons) is supported on 4,500 cast-in-place concrete piles, driven to an average depth of 100 feet, requiring 26,000 cubic yards of concrete. The largest pile group was made up of twenty-nine 100-ton capacity piles.

Exhibit floor strength varies as to location. Hall D, on the first level is designed for 600 lbs. per sq. ft. uniform live load. Hall C, which is directly above, carries 200 lbs. per sq. ft. uniform live load if the entire area is loaded, or loadings up to 1,000 lbs. per sq. ft. on limited areas. Halls A and B (except the portion above the Expressway), are designed for 400 lbs. per sq. ft., or 2,000 lbs. per sq. ft. on a limited area. The portion above the Expressway is limited to 300 lbs. per sq. ft. if the entire area is loaded.
PEDESTRIAN-VEHICLE RAMPS WITH LONG, EASY GRADES PERMIT FREE FLOW OF TRAFFIC FROM FLOOR TO FLOOR

THERE ARE MANY STAIRWAYS, elevators, escalators—all linked with hallways and corridors that surround the exhibit halls and lead to street-level foyers, or to underground or rooftop parking areas.

Strategically-placed floor service boxes for air, gas, water and drains, plus telephone and electrical power in ample capacity and appropriate voltages are available for exhibitors' needs.

The entire building is air conditioned requiring sheet metal ducts weighing a total of 700 tons. To equal the capacity of refrigeration equipment, 7,000 window air conditioners would be required. Temperatures in all areas of the building can be monitored and controlled from the Central Control Panel.

Sixty miles of piping were required to provide mechanical services throughout the building; twenty miles of electrical wiring to connect the automatic controls; over 800 telephone floor boxes; and water and sewer systems equal to the requirements of a city of 70,000 inhabitants.

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Kingscott's 4th Decade

1960 REPRESENTS THE FIRST YEAR OF THE 4TH DECADE that Louis G. Kingscott & Associates, Inc., have provided architectural and engineering services to the community of Kalamazoo and many other communities in the Midwest.

In celebration of this milestone and the completion of a new addition to the local office building the firm has announced plans for an open house to be held on Friday and Saturday, October 21 and 22.

From a beginning 31 years ago in offices situated in a remodeled residence in Kalamazoo, the firm then known as Stewart-Kingscott Company has experienced continued growth and expansion. Offices in Davenport, Iowa, Indianapolis, Indiana and an association with Science & Engineering Corporation of Detroit provide a wide base of operations and is indicative of the development of the concern.

Graduated in 1922 from the University of Michigan with a degree in Civil Engineering, Louis C. Kingscott was employed by several construction companies as designer, estimator and engineer in charge of construction projects throughout Michigan. Mr. Kingscott in 1929 entered business together with

By EDWARD E. FITZGERALD, AIA Western Michigan Correspondent

WESTERN MICHIGAN CHAPTER'S annual meeting for election of officers and the reading of committee reports will be held Monday, October 17 at the Anchor Inn at Gull Lake. Ruard "Bud" VanderPloeg of Battle Creek is serving as chairman of the day. Ian Ironside of Lansing is chairman of the nominating committee, assisted by George Sprau of Kalamazoo and Paul Flanagan of Grand Rapids.

Jay Volkers of Grand Rapids and A. James Albert of Kalamazoo are two new members of the Michigan Joint committee of A. I. A. - A. G. C., which held its September 7 meeting at the Flint Golf Club. Reports on the group's study projects were heard, covering soil studies, safety specifications, roof bonds, guarantees and problems resulting from the misuse of alternates.

Charles Opdyke, president of the Western Michigan chapter, spoke September 21 to the Lansing Torch club, a Red Feather campaign group. His subject was "Exit the 2 x 4."

Two new members have been named to the Western Michigan chapter. Herbert G. Daverman of Grand Rapids and Peter J. Futymoiski of Kalamazoo were each given corporate membership status.

A SCHOLARSHIP has been established by the Koh-I-Noor Pencil Co., Bloombury, N. J., at Ferris Institute, Big Rapids, Michigan.

It will be known as the "Koh-I-Noor Pencil Co., Inc. Scholarship," and will be awarded to the most deserving student in the newly instituted program in Reproduction Technician Training and Drafting.

"We are establishing this scholarship at Ferris Institute," said Koh-I-Noor's President William E. Danzcek, "as a symbol of this country's traditional interest in drafting and engineering, and in encouraging young men to enter the field. Ferris Institute was selected because of its fine reputation as an educational institution in technical training, and as recognition and support for its new program in training technicians."

MSA BOARD OF DIRECTORS met at Blythefield Country Club in Grand Rapids on September 19, and joined with the WM Chapter members for dinner. This was the Chapter's Honor Awards program. The Board met at luncheon at noon, continued through the afternoon. The jury for the Awards program brought in their report, which will be published in our November issue, together with a section devoted to Detroit Chapter's Honor Awards and a section devoted to the work of members of Saginaw Valley Chapter. This will be our Public Officials issue.

COMING EVENTS

October 17
Lansing — Election of Officers
November 21
Battle Creek — Ladies Night — Party
December 12
Local Area Meetings


CARL H. ZILLMER, AIA is now with OBryan & Knapp Associates, Architects 300 E. Fulton Street, Grand Rapids 3, Mich.

HERBERT G. DAVERMAN of Grand Rapids has been elected a member of The American Institute of Architects and assigned to the Western Michigan Chapter, it is announced by Charles V. Opdyke, Chapter president.

Daverman is a member of the Grand Rapids firm of J. & G. Daverman Company, one of the oldest in Western Michigan.

Donald A. Stewart. It was in 1939 at the death of Mr. Stewart that the firm was given the name by which it is now known.

A member of the American Institute of Architect for years and past president of the Michigan Engineering Society, Louis C. Kingscott has done much in advancing the standards of these professional organizations.

The Michigan Society and all of us who know him extend to him our best wishes as he stands on the threshold of another decade of service to his profession.
Heavy Media Separation at American Aggregates Corporation

The American Aggregates Corporation buildings shown above are devoted entirely to a new method of gravel beneficiation called "Heavy Media Separation". These are the largest HMS aggregate beneficiation installations in the country.

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DETROIT CHAPTER, A.I.A.

Detroit Chapter, The American Institute of Architects will hold its annual meeting and election of officers and directors Wednesday, October 12 at Northwood Inn, 2593 Woodward Avenue in Berkley.

Cocktails, compliments of the Chapter, will be served at 6:00 P.M., dinner will be at 7:00 and the program will begin at 8:00. The Chapter Board will meet at the Inn from 3:00 to 6:00. Ladies are especially invited to the cocktail party, dinner and program.

The Chapter Gold Medal will be awarded to a member for "Meritorious Service," and two Honorary Memberships will be presented to non-members who have made "notable contributions to the profession of architecture for more than ten years."

This will also be the occasion of presenting plaques in the Detroit Chapter's 1960 Honor Awards program. An exhibition of buildings done by Chapter members during 1959 is being held at The Detroit Institute of Arts. A jury will report its findings at this meeting and awards will be made.

President Robert F. Hastings has appointed a nominating committee consisting of Earl G. Meyer, chairman; Frederick J. Schoettle and Philip N. Youts. The Chapter Board appointed as a second nominating committee: Gerald G. Diehl, chairman; Herbert W. Jole and Charles H. MacMahon, Jr. The two committees will prepare separate slates of officers and directors to be voted upon at the annual meeting.

As has been the custom, no speaker has been engaged for this annual meeting. Instead, the meeting will be devoted to an open forum for members.

SAGINAW VALLEY CHAPTER, A.I.A.

By ROBERT S. GAZALL, AIA.
Chapter Correspondent

The following items are the Highlights of the Saginaw Valley Chapter, A.I.A. Meeting of September 19, 1960 at the Town House, Flint, Michigan.

1. Three Associate Members of the Chapter were presented and approved for Corporate Membership, Don Jay Kelly, Charles B. Blacklock and Robert E. Schwartz.

Mr. Kelly resides at 3842 S. Towertine Road, Bridgeport, Michigan. Although born in Corv, Michigan, he was raised and attended Flint Public Schools and is a 1951 graduate of the College of Architecture and Design at the University of Michigan. Mr. Kelly received his experience in the office of Glenn M. Beach, being employed there ten years. Kelly has recently opened his own private practice at his residence.

Mr. Charles B. Blacklock lives at 1812 Eastman Road, Midland, Michigan. He was born at Elberta, Michigan. Mr. Blacklock is a 1952 graduate of the College of Architecture and Design at the University of Michigan and has received his training in various offices of the Western Michigan Chapter of which he was an Associate Member.

Mr. Robert E. Schwartz resides at 407 Jerome Street, Midland, Michigan, and is a native of Midland. Mr. Schwartz has attended Kalamazoo College, Eastern Michigan University and is a 1954 graduate of the College of Architecture and Design at the University of Michigan. Mr. Schwartz received his experience in the Saginaw Valley area offices.

Both Mr. Blacklock and Mr. Schwartz have recently opened their practice together as BLACKLOCK AND SCHWARTZ, ARCHITECTS, at 417 South Saginaw Road, Midland, Michigan.

2. The MSA Monthly Bulletin Committee has finalized all material for the Saginaw Valley Chapter Spread in the November issue. Dale Suomela of Flint is Chairman of the Bulletin Committee.

3. A Committee was appointed for the nomination of new officers for the 1960-1961 Saginaw Valley Chapter Program. The Committee is made up of Mr. Paul A. Bysellse, of Bay City, Mr. Clee Allison of Midland and Mr. Clarence L. Waters of Saginaw. Nominations are open for President, Vice President, Secretary, Treasurer, one Chapter Director and on Director to the Michigan Society of Architects.

4. Mr. Robert P. Gerholz, of the Gerholz Community Homes, Inc., Flint was the Speaker for the evening. Mr. Gerholz is very active in the Field of Building, Housing and Community Development. He has been President of the National Association of Home Builders and the National Association of Real Estate Boards, and has served on many various committees of both organizations. He has talked to many Architectural groups throughout the Country and recently attended the Housing Conference at Geneva, Switzerland as an official U. S. Delegate. Currently he is one of the nine Delegates at large of the National Chamber of Commerce.

Mr. Gerholz reviewed Architects-Home Builders relations and the Improvement of Liasons between them, particularly in the Field of Mass Housing. He has spent almost forty years in the Housing Industry and discussed many of his own experiences.

Mr. Gerholz does think that the Architect has been too lax with the Home Building Industry due to the fact that so much very bad project housing now covers and will cover the American Landscape. However he does think that the next ten years will be very successful. His optimism stems from the fact that there is no secret formula for success except hard work, enthusiasm, creativity, motivation and forward planning. Architects and Builders should work together more earnestly and cooperatively and that the Architects must carry this professional responsibility and leadership for new growth and progress if we are to improve such present housing conditions.

Further, Mr. Gerholz foresees, that the Saginaw Valley Area is one of the most dynamic growth areas in the Country. Leadership, Industrial, Cultural and Civic Planning and investment patterns have set tremendous strides in the last few years and will add to the Community assets for the years to come. He said that Decentralization is slowing down and Recentralization is setting in around the Country.

Presently there is a Revolution in light construction in way of organization, technical standards, research, managerial talents and new concepts of financing. The Town House and garden apartment type housing will be the concept of housing in the next ten years. Mr. Gerholz recommends a research and technical center for the Housing Industry to take advantage of the Housing Programs that will shortly arise in the Industrialization of the Homes, Land Planning and mass rehabilitation of existing housing and the study of population movements. The Architects, he said should be the most active in this Revolution to offer the Leadership that is required.

Mr. Gerholz closed with this thought, that if Architects and Home Builders are to meet the challenge of the Sixties, then cooperation between the two groups, bold planning and research must take place if we are to have a peaceful and more dynamic national economy.

A lengthy question and answer period followed.

5. The Chapter October Meeting will be held on Monday, October 17th at Midland, Jack Haliet is Chairman and the Program will feature Construction and Craftsmanship awards within the Chapter.
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2. REQUESTS FOR "REPORTS" BOOK

Several outstate architects have contacted this A.I.A. Committee for copies of the "Reports" book. These requests were taken care of.

3. "REPORTS" BOOK COMPLIANCE LETTER

The A.G.C. have approved the proposed letter by the A.I.A. committee covering architects compliance with material contained in the "Reports" book. This letter when revised to cover slight suggestions by the A.G.C. should be then sent to all Michigan practicing architects offices.

Sub-committees of A.I.A. and A.G.C. have now been assigned to cover the following topics:
2. Revision of Insurance Documents in "Reports" Book.

4. MEETING WITH BUILDERS AND TRADERS EXCHANGE

Mr. Jack Mills represented this committee at a Builders and Traders Exchange meeting at the Veterans Memorial Building where the topic under discussion was Good Credit Practices and Overextension of Credit. Jack will discuss this at our next meeting.

5. NEW PROGRAM BY BUILDERS & TRADERS EXCHANGE

The Chairman of this committee was informed by Mr. Edwin Salkowski, Chairman of Education Committee of the Builders & Traders Exchange of Detroit that a program is to be instituted in the future to expand the use of concrete masonry in decorative material with reasonable economy to the decorative shapes presently offered in certain manufactured areas. Also under discussion was the proposal to expand the areas of availability as well as to increase the opportunities for original design development and to anticipate the use of block shapes and sizes to be found in the regular inventory of the average block producer.

The Committee Members present certainly expressed their views and we hope assisted the Association at arriving at a satisfactory solution to their problem.
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DETOUR EDISON
Detroit Chapter
AIA Meeting

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SEPTEMBER 13, 1960

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Mr. & Mrs. LaVern J. Nelsen, Mr. & Mrs. Edwin F. Noth, Mrs. William H. Odell, Mrs. Ernest J. Dollar and Stanley Fleischaker

Shirley Bloetscher, Mr. & Mrs. James B. Morison. Douglas Bloetscher, Larry Kennedy and Frank Ignich

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JOHN W. ARMSTRONG, Chairman of the 1960 Metropolitan Detroit Building Trades Industry Torch Drive, was host to the Kick-Off luncheon held on September 8th at the Park-Shelton Hotel, Detroit. This is his ninth year in heading up the drive. Over eighty attended the cocktail party and luncheon.

Gerald G. Diehl, Secretary of the Michigan Society of Architects and a Director of the Detroit Chapter, AIA, presided in the absence of Armstrong who was unable to attend because of a recent illness.

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, M. M. Bush, Robert Bryant, C. Allen Harlan, Daniel Diamond, Gerald Diehl, James Garrison, Joseph W. Gross, Marion Macioce, Thomas McNamara, Robert Hastings, Joseph Bobbio, John Andrews, Joseph Lacy, Joseph French, Talmoge C. Hughes, Cliff Lorne, Tim McCarthy, Jack Hayes.

One hundred and ninety-five agencies now benefit from the United Foundation Torch Drive in this once-for-all solicitation for the help of humanity.

Among those who attended the Torch Drive luncheon were C. Allen Harlan, President of the Harlan Electric Co.; James A. MacAlarney, Director of Plant Engineering Office of the Ford Motor Co.; Gerald G. Diehl, Vice President of Diehl & Diehl, and Robert F. Hastings, Executive Vice President and Treasurer of Smith, Hinchman & Grylls Associates.

DABLB Opens 39th Season

WITH A BRIEF WELCOMING ADDRESS by W. J. Smolky, President of Detroit Architectural Bowling League and the rolling of the first ball by Mr. Amedeo Leone, President of Smith, Hinchman & Grylls Associates, the members of the DABL opened its 39th season at the Great Lakes Recreation on September 9th.

Many of the bowlers found the new lanes to their liking with some commendable shooting, especially Paul Babbi, member of the McGrath & Doman team, who rolled a sizzling series of 686 on games of 226 - 235 and 225—quite a mark for the boys to shoot at. Only other member to shoot the charmed ‘600’ circle was Jack Smolky who rolled games of 190-212 and 202, totalling 604.

Smith, Hinchman & Grylls Associates, Champions of last year and permanent winners of DABL Trophy, started right off where they left off last year by shutting out the Les Davies team. McGrath & Dohmen was the only other team to take 4 points by blanking Robt. Davis team.

The winner of the first prize of the season (of over 60 lbs. of bananas) donated by Pete Badolament (known as the Banana King of Detroit), was none other than Sylvester Stone, member of the Diehl boys to receive, their scoring will certainly improve — they bear watching.

As Mr. Ripley would say, “Believe it or Not,” Bob Gustafson — the leading bowler of the Architects League for the past two years, had a series of—468—on games of 158-159 and 151. Can it be that the duties of Secretary are weighing Bob down?
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October '60 Monthly Bulletin
Golf League Dinner Dance
To Be Held Saturday, October 22nd

THE DETROIT ARCHITECTURAL GOLF LEAGUE will open the fall social season with its 9th Annual Dinner Dance on Saturday evening, October 22nd, at the Birmingham Country Club.

Cocktails will be served from 7:30 until 8:30 p.m. with dinner at 9:30 and dancing until 1:30 a.m. Richard Miller is entertainment chairman and will M.C. the event.

Mrs. Ray McDonnell, Mrs. Richard Mangrum, Mrs. Arthur Lewis and Mrs. Linn Smith are in charge of decorations.

Music will be by Dave Farley and his Orchestra, with soloist Shirley Bolt.

Charles Burrows is in charge of trophies which will be presented to the award winners by D.A.G.L. President Ray McDonnell.

Sam Ross is handling publicity and Carl Smith announces that there will be the same fabulous door prizes as in previous years.

Reservations are being taken by Gene Majka at WO, 1-2745.
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AUTUMN is the season rising in triumphant beauty and courageous flame. Man, far from indulging in thoughts about the so-called melancholy season of fall, must in his spirit know how hopeful and marvelous is the plan and the purpose.

So it is with WALD and the stimulating program being presented for the 1960-1961 season. The season opened with a guided tour of the Cranbrook Science Museum at 2:00 P.M. This was proceeded by luncheon at Devon Gables and our limited reservations of 35 made for interesting conversation on "Summer Vacations."

The program will continue on October 18, 1960 with a lecture "Prestige of a Paris Exhibition" by Professor Emil Weddige of the University of Michigan. This program, also, will be preceded by luncheon at the Woman's City Club of Detroit.

November 15, 1960, Dr. Welthy Fisher, founder of "Literacy Village" of India, will present "Puppets and Lanterns."

December 13, 1960 there will be a program of "Christmas Glouram" presented at the new Reynolds Aluminum Co. Building. Refreshments and tour of the building will follow the program.

January 18, 1961 is a "Joint venture" with the Detroit Chapter.

February 21, 1960, "From Whence Comes Our Culture" — Ancient Greece and the Holy Land. Shoshana Gerashom, Attaché in charge of Women's Affairs, Israeli Embassy, Washington, D. C., formerly in charge of Women's Army, will speak with emphasis on Architecture.

March is an open date but tentative plans are being made for an evening theatre party.

A spring tea is being scheduled for April 25, 1961. Showing of the House of Tomorrow, designed by Edward Storey, furniture designed by Edward Woransley for Dunbar, fabrics by Celanese, rooms decorated by famous decorators. Pictures and paintings will be loaned by Whitney Museum of Art (slides). There will be a dress length of fabric as a door prize. Miss Georgeanne Francis, outstanding decorator of J. L. Hudson Co., member of Board A.I.D. will present vignettes — "Spring Tonic for your home."

May 20, 1961 is our Annual Husband's Night! — details to be announced.

The following is a list of the new officers and committee chairmen serving WALD for the coming season.

OFFICERS 1960-61
President, Mrs. Philip N. Youtz; Vice-President, Mrs. William H. Odell; Secretary, Mrs. Allan G. Agree; Treasurer, Mrs. Fred J. Schoettley; Historian, Mrs. Clair W. Ditchy; Parliamentarian, Mrs. Gustave Muth.

COMMITTEE CHAIRMEN
Convention, Mrs. Hurless E. Bankes, Asst. Mrs. Ralph W. Hammett.
Visits, Mrs. Gerald Diehl.
Invitations, Mrs. LaVern J. Nelsen.
Legislative, Mrs. William H. Odell.
Mid-Summer Conference, Mrs. Frederick J. B. Sevald, Asst. Mrs. Amedeo Leone.
May Party, Mrs. William H. Odell, Asst. Mrs. Ernest J. Dollar, Mrs. Walter B. Sanders.
Membership, Mrs. William M. Fernald, Ex-Off., Mrs. Fred J. Schoettley.
Nominations, Mrs. Carl Scheuffler.
Program, Mrs. Edwin F. Noth, Asst. Mrs. Herbert Johe.
Social, Mrs. Carlisle H. Wilson, Asst. Mrs. Hurless E. Bankes, Mrs. Augusto Bini, Mrs. Wm. Muschenheim.
Telephone, Mrs. George Diehl, Asst. Mrs. Werner Guenther, Mrs. C. William Palmer, Mrs. Louis G. Redstone.

TRAVEL NOTES: To the annual Mid-summer Conference went Mr. and Mrs. Fred Schoettley, Mr. and Mrs. LaVern J. Nelsen, Mr. and Mrs. Amedeo Leone, Mr. and Mrs. Frederick Sevald, Mr. and Mrs. Linda Smith, Mr. and Mrs. Walter B. Sanders, Professor Herbert W. Johe and Mrs. Johe, Dean Phillip N. Youtz and Mrs. Youtz. From Mockinnac, Dean Youtz and Mrs. Youtz continued on to the "Soo" and then followed the Ottawa River route across Canada, ending up at Quebec on the St. Lawrence. Then down to the "Berkshires" for three weeks at their "Old Homestead."

The Hurless Bankes trekked off to Wisconsin, Mrs. Helen Morison to Long Island, N. Y. for a week, and Mrs. C. William Palmer went "Down East." Had a card from Professor Ralph W. Hammett and Mrs. Hammett who left Montreal on August 5th for a six months sabbatical in Europe. They were in Vienna on August 31, where they found the housing problem to be a real problem, but they were enjoying their visit with a private family. They'll be another month on the road before reaching Rome. Mrs. Jon Hebrard returned to Paris and the Joseph Leinwebers are still in Korea.

Please mark your calendars for the forth-coming events and join us in the interesting season. Any Questions? Please feel free to call anyone of the officers or committee chairmen.

The Jules Doneson Travel Agency announces the addition of Florence Agree to the staff in the capacity of travel consultant. Her duties will be the planning of travel itineraries, and obtaining transportation and accommodations for the agency's clientele, from the agency's office at 18246 Wyoming, Detroit, Michigan.

Mrs. Agree is well known in Detroit as the wife of the late Allan G. Agree, prominent Detroit architect, and for her activities in the women's Architectural League of Detroit. She has served that organization as vice president and convention chairman, and is currently the secretary.

A native Detroiter, Mrs. Agree was educated at Central High School, and attended Wayne State University. Mrs. Agree has been active in the United Foundation and many other charities.

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Mrs. Allan G. Agree, Secretary
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Mrs. Frederick J. Schoettley, Treasurer
Mrs. Clair W. Ditchy, Historian
Mrs. Gustave Muth, Parliamentarian

Michigan Society of Architects
Dryden Lavatory is typical of the enduring design and quality demanded for commercial and industrial projects. Just one of the complete line of Briggs vitreous china fixtures, the Dryden, with integral front overflow and anti-splash rim, is manufactured to satisfy any installation requirement.

Sultan Water Closet, another of the sculptured Briggs designs, is wall hung with elongated closet bowl. In six compatible colors, or white, the Sultan features the fine construction and dependable operation which make Briggs the favorite of plumbers and builders throughout the nation.
Tradition, Style and Fashion

By Jan Reiner, Architect

In considering taste in architecture, one has to be aware of three concepts of architecture—all of which coexist at the same time, sometimes in the same building. Though differing as to their origins, to an untrained observer, these three concepts may seem interchangeable, if not alike. I am referring to the concepts of tradition, style and fashion.

Tradition is the sum of creative and technical activities of one or more generations working in a particular locality at a particular time period. Tradition produces a pleasing visual similarity among buildings, apparel, and the arts and crafts. It makes for a satisfying visual environment, because things seem to belong together—there are no visual intruders: Thus we speak of the Gothic tradition of Western Europe of the 13th century, meaning that marked family resemblance in design of buildings, furniture and costumes. Similarly, we speak of the tradition of the New England villages of the 18th century, meaning that harmonious visual environment attuned to a particular way of living in a four-season climate.

A style may last a long time and extend over a large territory. The Opera buildings of the late 19th century came to mind, because these buildings look alike, whether they stand in Paris, Moscow or Tokyo. Styles began to be codified when in 15th Century Italy humanist philosophers and artists tried to reconstruct, at least on paper, the ruins of ancient monuments, believing that the classical style held the key to everlasting beauty through certain proportions, measurements and ornaments. Since the printing press had just been invented, they put their findings into books which received wide circulation and acceptance among educated people up to the present time. Unfortunately, their supposition about lasting beauty did not prove a four-season climate. The most important thing about tradition is the absence of arbitrary rules; the only rule which counts in the long run is common sense, as the people of that day saw it. And, as their common sense changed (that is, developed), tradition in the arts and crafts changed with it. Since in the past common sense changed extremely slowly, tradition may give the impression of being static, though it is not, of course.

Like a society, tradition, however, does not have its life cycle ranging from infancy to decay. Decay occurs when tradition loses its common sense, that is, its vitality and actuality, and becomes a static trademark. At that point it freezes into a set of rules called a style.

* * *

A style is a set of esthetic rules, sometimes only simple recommendations, at other times complex geometric schemes, which are codified in textbooks. While tradition has its grass roots among the common people, a style stems from an intellectual or power elite. At once we think of the very personal style of Louis XIV. No artificial style has ever produced lasting results; in fact, it produces intellectual stagnation. Just as a tradition may freeze itself into a style, so a style may degenerate into a fashion.

* * *

Unlike style, fashion always has a commercial motivation. Art is merely a useful adjunct—a vehicle selling a bill of goods. A rapid turnover of a commodity is the purpose of constantly changing fashions. The "latest fashion" is a standard phrase in many businesses, including those producing apparel, automobiles and furniture. Conspicuous consumption and built-in obsolescence are the fertile grounds from which fashion design grows. While in some businesses, like the apparel field, fashion may stimulate a refreshing change and usher in a new mood, it is plain that in architecture, fashion serves little or no purpose. If one considers that the majority of homes now built are financed by long-term mortgages, it behooves a minority of homes to be designed in a way that makes for a satisfying visual environment, because things seem to belong together. However, if one considers that the majority of homes now built are financed by long-term mortgages, it behooves a prospective debtor (as well the mortgagee) to seek a house design which is not going to look outdated the next season, and then become unsaleable the season after that.

How do we know what is good design? Only through gaining an overall perspective about the creative arts and architectural design in particular, which allows us to see the relationship between the building needs, building technology, and the building site, unhindered by our misconceptions of taste, tradition, style and fashion.

John T. Hilberg, AIA, a member of the Detroit Chapter, American Institute of Architects, has become employed by the Veterans Administration in Washington, D. C.

Hilberg graduated from Pennsylvania State College with the degree of bachelor of science in architecture. He had been employed by various Detroit-area architects, more recently with the H. E. Beyster Associates, Inc.

Architect William P. Lindhout, AIA has moved his offices from 33020 Five Mile Road in Livonia to 15423 Farmington Road in the same city. The telephone number remains the same — GArfield 1-4652.

This is the new Coventry Center Building, operated by Professional Suites, Inc. It contains three MD's, two attorneys, the Brighton X-Ray Clinic, and the Coventry Center Medical Laboratory, besides Lindhout's architectural office.

Lindhout, a native of Grand Rapids, is the son of the late Pierre Lindhout, AIA, of that city. He graduated from the College of Architecture & Design, University of Michigan in 1950, was employed in architectural offices in Grand Rapids, and with Leo M. Bauer, AIA, of Detroit.

He established his office in Livonia in early 1957.

The College of Architecture and Design, University of Michigan announces the appointment of Joseph F. Savin as assistant professor of architecture, Bruce E. Erickson and Martin D. Gehner as instructors in architecture.

Savin graduated from the College in 1953, has worked for Henry J. Abrams, AIA, and Isaac Green, AIA both of Ferndale and Eero Saarinen & Associates, Birmingham, Mich.

Erickson graduated from the University of Minnesota and holds a master's degree in architecture from Massachusetts Institute of Technology. He had been a draftsman and designer with A. Moorman & Co., of Minneapolis.

Gehner graduated from the University of Michigan in 1958, was a draftsman and designer with Paul A. Hazelton, AIA of Traverse City, an instructor in architecture at Ferris Institute, Big Rapids, Mich.

UNIVERSITY OF DETROIT STUDENT CHAPTER, AIA held its welcoming party for new freshmen on September 14, when James Giachino, President of the Chapter, welcomed the new students and Father L. J. Green introduced the faculty. Professor George P. Head showed slides of new architecture he had seen on his recent trip east. Refreshments were served after the program.

John H. Begrow, of Begrow & Brown, Architects, of Birmingham, gave the first of a series of monthly talks at the University's Student Chapter, September 20. His collection of slides included work of his own firm as well as some of the better work being done in Florida. The next address will be given by photographer Baltazar Korab on October 18.
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Letters From an American On a Visit to Hawaii

Bulletin:

Now I know how it feels to be a minority. Out here the white people are rare except for the tourists. I went to Sears to shop. Nearly everyone there was Oriental, but everywhere the American influence was there. I went into an exclusive Japanese shop to look for pearls. An Otis elevator carried me upstairs. The girl used a script pencil made in U.S.A. She packaged the purchase and Scotch tape was used. The cash register was made by National. So it is, wherever you go, the force of America shows itself.

Yesterday, we visited a sugar plantation. The conditions of labor are involved. By mechanization they have reduced employees from 4,000 to about 700 with no reduction in production. Average wages $1.87 per hour, with fringe benefits quite high. We spent over two hours in the refinery, from raw material to sugar. I'll have a much higher respect for a cube of sugar from now on. Millions of dollars in equipment are brought into action to make it possible for the people to have a cube of sugar at a price per pound that is very low. Word out here is that with the Cuban situation, now is the time to purchase sugar stock.

The other day, Admiral Hall furnished us his barge (Navy parlance for an elegant yacht) and Captain Martin, former Commander of Grosse Ile Air Station, gave us a personal tour of the Pearl Harbor Navy Installation. The deed that will "live in infamy" was all but forgotten. The hull of the Arizona was partially visible above the clear waters of Pearl Harbor. All hands were lost on this once proud fortress of the sea. As I watched the hull, I noticed air bubbles coming up from below. Yes the spirit of those who gave their all showed itself in an overt manner.

Yet, how different is the world for which they made this supreme sacrifice. Then the Japanese were an enemy, feared and powerful. Their navy roved the Pacific at will. Their people were herded into concentration camps, their property confiscated. Today, they are our friends, our allies, yes, they are American citizens. But the caste system is even more in vogue here than in the United States. Captain Martin has three gardeners, one Japanese, one Hawaiian, one Filipino. In civil service the Japanese is the boss but the others would lose face if they allowed a Jap to be the boss, so the gardening does not get done.

One of the supreme achievements of the Hawaiian is to compress the alphabet into a very few letters. Nearly all the letters used are vowels and many times two are used at once. The kids here really get a break, less than one half the alphabet is used.

And so it is in the 50th State of the Union, where the proud Teuton, Briton and Celt find themselves the minority and change on top of change shows itself. This is no longer the road to Mandalay, but the flying fishes still play, and dawn comes up like thunder across the Bay. That we have reached the maturity to accept these people of Oriental background as Americans, proves this country of ours has come a long way.

Bulletin:

From the highest peak, which commands the city of Honolulu and Pearl Harbor, I am writing these impressions. From the summit of Mount Kaahakuloa, the great arc of the horizon gives one an impression of just how big this old earth is and, from any and every view, one sees just how beautiful the earth within dress itself. Diamond Head, an extinct volcano is in the distance with its sheer cliff defying a restless sea. As the surf rises to escape the shallow coral, the waves break over, flash in the sun and are swallowed up by the sea from which it came.

As the ocean approaches its garnished island, the deep blue, tinted by the coral fades to a light pastel shade. Nestled into the side of the mountain, the homes, the flowers and trees all seem to have been planted in the exact spot to make the mosaic one of incomparable charm.

Yes, before me lies Pearl Harbor. One look at it and immediately one sees that this harbor named for the jewel it is should never have been a fortress. Today it was all but asleep. Gone were the mighty battle ships, the destruction of which brought the "Day of Infamy" in our history. Gone was the Fighting Lady Aircraft Carrier, the planes of which really recaptured the Pacific. Gone were all our cruisers. Here and there a destroyer was to be seen. Changing times have done things for our fleet that no enemy has ever succeeded in doing.

Looking down upon this dramatic fortress stripped of all its tools of destruction, I was reminded that this harbor named for the jewel it is should never have been a fortress. Today it was all but asleep. Gone were the mighty battle ships, the destruction of which brought the "Day of Infamy" in our history. Gone was the Fighting Lady Aircraft Carrier, the planes of which really recaptured the Pacific. Gone were all our cruisers. Here and there a destroyer was to be seen. Changing times have done things for our fleet that no enemy has ever succeeded in doing.

As you begin to drive around this island of light, one is reminded by the great variety of orchids growing wild and being cultivated that this is Orchid Island. Approaching it from Oahu, it is plainly much larger than the others, in fact, it is larger than all the others put together. In lush sugar cane, and forest, catteleland, desert and volcanic rock, all in all there are over 4,000 square miles of area.

More than anything else, it is the Volcanic Island. Five great volcanoes have played their parts in the scene of the greatest building program of nature. Pele, the Polynesian Goddess of Volcanoes, started her building process only a few million years ago, since this is the youngest of the eight islands forming this archipelago.

The greatest of all volcanic results is Mauna Loa which rises from the bottom of the sea 18,600 to seal level, and still another 13,784 above the sea. This results in the greatest mountain mass on earth. In 1950, after having been inactive for a considerable spell, it erupted for 24 days, producing the largest lava flow in historic times. In its mad flow to the ocean, much valuable land, homes, yes, even a United States postoffice was destroyed.

We have spent two days visiting the volcano Kilauea, which has craters scattered over some 30 miles of area. All this is in the foothills of Mauna Loa. We looked down into the crater of Kilauea, 2,964 feet below us and one mile wide. In one day the floor dropped 350 feet. The world famous seismograph operation, with its instruments located in plain view of all this had the story. Away down in the
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October '60 Monthly Bulletin
Kilauea Iki is the location of the latest crater activity which took place in February 1960. This activity produced mostly fliy ash, so light in weight that it will float on water. Here all the roads were covered, but much of it had been cleared. This kind of flow makes the finest of land almost immediately. A planked path led through a forest of Ohia, one of the mahoganyes of this area. Many of the trees are still alive, even though they were half buried in the residue. The size of this ash varied from the size of a pea to half as big as an apple, but very fragile, and largely blown down by the wind. A boardwalked path signs "danger, keep on walk." Jim, Joe, Scott, Jean and I decided we would like to climb the great hill of ash and look down in the cone of the crater. As we approached the rim, the heat from below became evident and finally warm to the touch. Then great cracks produced by the contraction of the materials as they cooled began to show. At first, these cracks were a few inches wide and about the same depth. But presently there were huge cracks that I could see down into at least 20 feet. By this time we were perhaps 100 feet from the cone, and here the heat was marked. One could hear the monkeys dancing. As challenging as this was an opportunity to look down into the cone of Kilauea Iki, we lost our nerve and retreated to the boardwalk. The crown of this crater is covered with a much lighter grey similar to limestone.

Hilo is the principal city and it was all but destroyed by a 40 foot tidal wave only a few months ago. One whole street about 15 feet above the sea is all but swept clean. But forcing concrete could stand this shock. In today's paper the electric utility has issued, over 2 million dollars, to put its system back in proper working order. If forced concrete could stand this shock, the human race can somehow survive the convulsive wave which would follow the next eruption. We are sitting on a volcano. Yet here was the most peaceful experience of the trip. We stirred up a giant lava, felt its heat, and smelled the steam which rose from its surface. Here we saw the footprint and persuaded Jay that God had hid it there for us. While standing on the rim of the Volcano Kilauea looking into the pit 3000 feet in diameter and 750 feet below me, I saw a pair of these same birds again. They came from the sea 20 miles away and alighted on this rugged rock rimmed ledge. So this was the Kool, or the Bo'sun because its call is so similar to that used aboard ship. But most appropriate of all its name, is the Crater Bird. The scientist in us was delighted with its unusual adaptiveness named it Phaeton Lepturus after the Son of Appollo who was cast out of the chariot of the Sun into the sea. How very appropriate.

The floor of this most active of volcanoes was 750 feet below me, billowing steam from the center and from around the edges. In February of 1960, this floor dropped about 300 feet, and in a short time the floor dropped to all the way to the sea. This was before. Here was nature's own hydraulic elevator larger than any single building on earth, working with the precision and leveling devices of an Oils. It is safe while I want to hold my breath. Joe, who has more curiosity about everything, was determined to see the footprint and persuaded Jay and Jean to continue. I kept up my calling and presently they started back. They had missed the turnoff to the shelter that protects the footprints, so when they reached the house was and they went over to it. In the meantime, Jim did not return. I did not know whether he had got on the wrong path or not, so Ivalbell went back to the car to blow the horn if Jim was not there. By this time the sun was slowly setting behind the side of the island, which was called Le Lou. In this area, nightfall comes up like a volcano, the human race can somehow sit on one.

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ARTHUR O. MORAN, JR., AIA has been appointed chairman of the Michigan Society of Architects' annual convention committee for 1961, it is announced by Charles A. O'Byon, of Grand Rapids, Society President.

Moran was vice chairman of the 1960 MSA convention under chairman La-Vern J. Nelsen. He was educated at Miami University, Oxford, Ohio and at Detroit Institute of Technology. He is now with Giffels & Rossetti, Inc., Architects and Engineers, of Detroit.

The 1961 convention will be held at Detroit's Sheraton-Cadillac hotel April 5, 6 and 7.
REVOLUTIONARY IDEAS for the 1961 A.I.A. Convention in Philadelphia are plotted by members of the Host Chapter Steering Committee, left to right: Charles E. Peterson, Harry W. Peschel (back to camera), Herbert H. Swinburne, and chairman Beryl Price. Independence Hall. Convention symbol, is the background. Paul Harbeson was vacationing when his Committee colleagues met to plot the overthrow of previous attendance records and rehearse a tour of Colonial Philadelphia that will open the Convention next April 23rd. Among the week's other Host Chapter "spectaculars": a command performance of the Philadelphia Orchestra.

NATIONAL GUILD OF MURAL ARTISTS has been formed to help architects, interior designers and art directors locate painters of murals, it is announced by Anthony R. Moody, chairman of the committee on Allied Arts of the Detroit Chapter, American Institute of Architects.

The organization will maintain a registry of professional artists who do painted or ceramic murals, portraits, display design, tapestry, stained glass windows, bas relief murals and sculpture, Moody states.

The executive director is Elliot M. Tiber, with offices at 43 E. 22nd Street, New York City.

RICHARD C. DONKEROET, AIA, has transferred his membership in The American Institute of Architects from the Detroit Chapter to the Baltimore Chapter.

Donkervoet was formerly employed by James B. Morison, AIA, Architects, of Detroit.

BULLETIN:

Sometime ago the State Fire Marshal wrote a letter to all architects in the state of Michigan, calling attention to a portion of the "Fire Prevention Section — School Bulletin 412," effective October 1, 1959, which has to do with the types of acoustical tiles allowed in school construction. The section referred to is B.1 and is found on page 12 of the bulletin. It reads:

B.1 Ceilings
(a) Ceilings in multi-story buildings shall be Class A finish in all areas.
(b) Ceilings in one story buildings shall be Class A or Class B finish in corridors and exitways and rooms exceeding 200 persons capacity. In all other occupied rooms, ceilings may have Class C finish which may be applied directly to wood decks if desired and provided such rooms have partition construction, except doors, of at least 3/4 hour fire rating separating them from the corridors.

Enclosed is a reprint of a letter received from the State Fire Marshal's Office, advising that Acoustone "F", manufactured by United States Gypsum Company, is a "Class A" material.

Should your next school require Class A ceilings, you can be sure of securing the proper material if your specifications call for Acoustone "F" by the United States Gypsum Company. — UNITED STATES GYPSUM COMPANY, Norman P. Samborn, Sales Engineer, Great Lakes Industrial Sales District

CHARLES AND RAY EAMES, well-known American designers, have received the first $20,000 Kaufmann International Design Award, it was announced today by Kenneth Holland, President of the Institute of International Education, which administers the Award. An international jury met in Lugano, Switzerland recently to make the selection from a panel of distinguished candidates submitted by consultants from all parts of the world. The Award, the largest and most comprehensive ever offered in the field of design, was presented to Mr. Eames and his wife for their "outstanding record of achievement in the practice of design."

ROBERT F. HASTINGS, president of the Detroit Chapter, American Institute of Architects has been named to the nominating committee of the Institute to prepare a slate of officers to be voted upon at the Institute's convention at Philadelphia, Pa., April 23-28, 1961.
EDWARD R. DUFFIELD, AIA, of Niles, Michigan, has been named a member of the newly established Lake Michigan Regional Planning Commission. The Region consists of Western Michigan, Indiana, Illinois, and Wisconsin.

Paul Frank Jernegan of Indiana is Chairman; Duffield is Vice Chairman and S. Chan Sit of Chicago is Secretary.

An advisory council has been appointed consisting of Ira Bach, Chicago's planning commissioner; Paul Opperman, Northeastern Illinois Metropolitan Area Commission; Robert Huff, Director of Planning, South Bend, and William Jones, Director of Planning, Fort Wayne.

Chairman Jernegan states the group was formed because of the growing awareness of the inadequacy of so much planning by individual communities, and the advisability of having architects take the lead in sponsoring more practical regional planning. Duffield, a graduate of the University of Michigan College of Architecture and Design, is a member of the Western Michigan Chapter, AIA and the Michigan Society of Architects.

PETER P. PETCOFF has been named an associate of Smith, Hinchman and Grylls Associates, Inc., Detroit architectural and engineering concern, it is announced by Robert F. Hastings, executive vice president.

Petcoff joined the Detroit firm in 1948, coming from Sargent and Lundy, Inc., Chicago engineering firm. He was chief structural engineer for the General Motors Technical Center, and has been head of the structural and civil engineering department of SHG since 1959.

The new associate holds the degree of BSCE from the University of Michigan and the degree of MSCE from the University of Illinois. He is a member of the National Society of Professional Engineers and the American Society of Civil Engineers.

JOHN A. ALLEN, AIA, of Farmington, Mich., has been named chairman of the draftsmen's competition in connection with the Michigan Society of Architects annual convention at Detroit's Sheraton-Cadillac hotel April 5, 6 and 7, it is announced by Arthur O. Moran, general chairman of the convention committee.

The competition last year, with liberal cash prizes, was most successful and this year's committee expect to do even better.

JOSEPH CYR, AIA, of Dearborn, Mich., was honored by having a three-page feature of one of his houses in Better Homes and Gardens September, 1960 issue.

The feature, in full color, states: "Heart of this home is the big family room. Just off the kitchen, it can be used for dining and informal activities all through the day and evening. Airy room divider ... is optional ... You might prefer the family room completely open ... or partitioned."

ROBERT W. YOKOM, AIA, vice president of George D. Mason & Co., Architects, has been named vice chairman of the Michigan Society of Architects 47th annual convention committee, it is announced by C. A. O'Bryan, Society president.

Yokom will work with Arthur O. Moran, AIA, of Giffels & Rossetti, Architects, chairman. Moran has announced that the convention has been scheduled at Detroit's Sheraton-Cadillac hotel, April 5, 6 and 7, 1961.

THE OFFICES OF MERRITT & COLE ARCHITECTS, has been moved to 20950 Grand River Avenue, Detroit 19, Mich. The new telephone number is KEnwood 5-1480.

The firm's offices were formerly at 7376 Grand River Avenue, in Detroit.
The architect is the leader of America’s building team. In the language of the dictionary, he is the “master builder,” the man who “forms plans and designs . . . draws up specifications for buildings” and supervises their construction. The architect’s responsibility is to see to it that we live, work, play, and worship in a well-planned, satisfying, and productive physical framework. The basic principles of architecture have remained unchanged since antiquity. But the ways of building, the needs of modern life, and the scale on which building must be planned have changed to a degree which has vastly broadened the architect’s practice and the knowledge which he must assimilate to create architecture.

Perhaps the simplest description of architecture is that it is the professional use of space. More accurately, it is the design of various kinds of spaces. For example, the arrangement of spaces inside a well-designed house keeps children from running across the living spaces of adults. Noisy living spaces are separated from quiet sleeping spaces. In a school, well-planned spaces provide the best education for the tax dollar. The spaces inside a good business aid production efficiency by keeping the product or key document moving in a straight work-flow line.

Architecture is also the design of outside spaces; the way a house is situated on a lot to let in light without unwanted heat and glare, and provide privacy from the neighbors. It is also the way these spaces are related to each other to form a neighborhood and the way neighborhoods are related to each other to form a community. The spaces between spaces are important, too; good planning enhances property values by providing an easy link between the house and store without jamming them together to the detriment of both. Pulling them too far apart, of course, is just as bad.

The planning of spaces and their relationship to each other is the social purpose of architecture, the meaning of the word “function” in design. The way the spaces are enclosed and supported is the engineering part of architecture, the provision of structure. To meet the third qualification for architecture, the space arrangements and enclosure should produce the effect we call beauty.

These criteria directly parallel the definition of architecture given nearly 2,000 years ago by the ancient Roman, Vitruvius. His words, as paraphrased in about 1600 by an Englishman, Sir Henry Wotton, were: “Well building hath three conditions—commodity, firmness, and delight.” The fundamentals are unchanged—function (commodity), structure (firmness), and beauty (delight).

But the scale on which the architect must think and plan has changed greatly. In pioneer America the rush westward and the hard work of the semi-skilled carpenter created a psychology of expediency in building from which we are just beginning to recover. Today, as a spokesman for The American Institute of Architects put it: “We are just beginning to dig our way, literally, out of fumbles of bad buildings imitating past European cultures, to clear jerry-built slum neighborhoods, and to rearrange gridiron roadway systems originally planned as if the movement of cars, and not the needs of people, was the important consideration in planning.”

Another hangover, the dangers of which are just beginning to win public recognition, architects say, is the practice of allotting vast tracts of good land to be bulldozed flat and plastered with endless rows poorly designed, tiny suburban houses. To erase the scars of the past, reclaim valuable land from the dwindling supply, and build properly for the future will require large-scale planning on an integrated community scale, according to the architects. In hundreds of communities across the nation, this is being done today.

Today, then, architecture is no longer just a single building, but complexes of buildings, designs of neighborhoods, and the planning and redevelopment of whole communities. The nature of the client, too, has changed. Where once it was traditionally a single person, today it is often a board, as with a school or corporation; a committee, as in a church; or even a syndicate, which might involve a combination of developer, banker, or group of investors.

What kind of man is it who is qualified to meet this big design challenge and how many of him are available to do the job? To answer the second question first, there are approximately 11,000 architectural firms practicing in the nation today. In size, they range from one or two persons to hundreds, and an office may include planners, designers, production experts, specification writers, draftsmen, job captains, inspectors, and others. In addition, architects hire as employees or engage as consultants many technical specialists—such as structural, mechanical and electrical engineers—who are paid from architectural fees. The architect’s fee, it should be added, comes only from his client, the building owner. He is not permitted by the ethics of practice to accept any compensation from the sale or use of building materials or services.

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October '60 Monthly Bulletin
Modern Times
Call for
Modern Management

NEARLY 200 PEOPLE were in attendance at the Veterans Memorial Building Thursday evening, September 8th to hear an address by Dr. Wilford L. White of Washington, D. C. Dr. White is Director, Office of Management and Research Assistance, Small Business Administration. His talk was titled "Modern Times Call For Modern Management."

This occasion was the third in a series of industry meetings, sponsored by the Education Committee of the Exchange, designed to ferret out and improve some of the problems of the construction industry. It is felt that by exposing and discussing possible shortcomings or misapprehensions on the part of management, industry executives may be incited to take personal inventory. One possible solution, at least in part, may be obtained through education; and several courses have been developed at Wayne State University for top level management in the construction industry. These courses were referred to during the evening's program.

Dr. White explained that there are five qualifications of a successful business. First, he said, any business, large or small, exists because the product it produces meets the need of the consuming public. Second, the product or services must be available to the public when the public wants it. Third, it must have experienced workers, qualified to produce a product of the quality desired by the buyer. Fourth, to be a successful business means that it must be a profitable business for its owner. And, finally, it must be headed by a person who has management "know-how" or is capable of securing it rapidly. This "know-how:" can be attained intuitively, by experience, or by observing others who have it. But the quickest way to acquire management "know-how" is by training.

Dr. White stated that the owner of a business is its greatest asset, having not only put all the other elements together but also having selected those elements.

The owner is also the greatest liability of a business, he said, and likened him to a balance sheet. There are certain assets on one side of the ledger sheet and certain liabilities on the other. In adding them up, there is either an excess of assets or liabilities; the proprietorship account is determined by the relative number and importance of each. He quoted Dun & Bradstreet who stated that owners of businesses which failed fell into three broad groups: (1) Those who did not have the capacity to manage a business profitably; (2) Those with insufficient experience, and (3) Those with unbalanced experience.

There is not much that need be said, he continued, about the man who does not have the capacity to manage his own business. There are probably other vocations that he can follow with success. About the second group he explained that, in the past, conditions moved slowly and changed so little, that by the time a major decision had to be made, experience was sufficient to meet it. Today, when things happen overnight, the successful businessman must gain more of his experience while working for someone else. There is no substitute for experience but it must include administration as well as operation. In the third group were found owners who had excellent experience in performing some job function but practically none with others. He stated that the great pity was, and still is, that they did not realize where they were strong and where they were weak because they never took the time to study management and learn what it demanded of the owner.

Dr. White said that the manager of a business is primarily a decision maker and suggested three ideas that may be of some help in wise decision making.

First, a manager must distinguish between policies and procedures. Policies are plans. They are general statements, or understandings, which guide or channel the thinking and action of subordinates. Procedures are also plans for involving the selection of a source of action and apply to future activities. Second, he said, there is a distinction between operation and administration and suggested allocating time to administering. Operations repeat themselves frequently and sometimes become routine but administration, he said, managers often are so busy with that they cannot do any administering. By administering is meant planning, organizing, staffing, directing, and controlling a business. Third, Dr. White advised securing adequate training; and that in order to remain successful as the owner of a business today one needs to continue his training.

In closing, Dr. White stressed that probably the most important single thing, in the way of ideas, which he could leave with the group is that a desire and willingness to go back to school again is one of the greatest and most profitable assets one can possess. He not only can find answers to many questions but the knowledge of how best to supplement that knowledge with profitable action.
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October '60 Monthly Bulletin
Exchange Will Be Host Nov. 10th to Teachers in Grand Rapids Area

EACH YEAR, the Builders and Traders Exchange takes part in the annual Business-Industry-Education Day sponsored by the Greater Grand Rapids Chamber of Commerce.

This year on November 10th, the Exchange will be host to thirty teachers in the area for a full day’s activities designed to inform our educators about the operation of all phases of the Construction Industry.

The day will begin with a mass meeting of all teachers in the Civic Auditorium for a major address by a national speaker. The Exchange will then take their assigned teachers, by bus, to the office of J. & G. Daverman Co. for a complete tour of this Architect’s office. We will then proceed to the office and plants of the Grand Rapids Gravel Co. for a conducted tour of these facilities. The teachers will then be escorted to the office of the Exchange where they will be told about its operations and purposes. Following lunch, we will all make an inspection tour of one of the newly constructed buildings in the area. This will complete the day.

The purpose of this program is to tell the construction story to the people who are educating our children, the future leaders of the world. The Exchange has cooperated in this project for the past ten years with the purpose in mind of furthering the construction industry.

George A. Busch, Jr., President and G. Winston Burbridge, Secretary-Manager will act as hosts for this year’s tour.
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October '60 Monthly Bulletin
Columbus

BUILDERS EXCHANGE NEWS

The subject of “unrestricted bidding,” which amounts to bid shopping and/or peddling in most instances, is a rather nasty condition to discuss in a publication. The need to publish the untampered facts along with the accompanying results has become a necessity. It is known that the condition has existed for many years, but of recent has become so vicious and cancerous that even some very ethical operators have had to lower themselves in order to stay in business.

This is an extremely sad state of affairs.

What is being done about it? Very little, just feeble lip service. When will the industry become sufficiently aroused to do something effective about the condition? Unknown. Are we going to fight for what is right or just fade apathetically into the “quicksands” of disaster and business failure? NOW is the time for decision!

If there are those who have not been acquainted with the practice which is being hammered, then, we will define it through example what takes place prior to suggesting the necessary decisive actions.

Example: A project submitted for bids is the first step in a long line of events leading up to bid date. The “negotiations” begin on a very friendly and ethical basis with statements such as, “If you are the low bidder in your phase of the work, you will receive the order or contract.” “We want to use you if at all possible, as you do fine work or handle quality products, but we DO have to take the low bidder.” “We are on the level and won't peddle your bid at anytime.” This takes place on every level of bidding and continues up through the bid date.

The bids are opened, read, and published to all interested parties. The firm submitting the lowest bid on a specific phase of the work or product expects to receive the contract or purchase order, but no such luck. At this point, the second stage of “negotiations” begins with statements such as, “You were not low, but we want you to have the contract or order.” “Your competitor has you beat by five to ten per cent.” “I don’t know what can be done—have you checked your estimate carefully for any ‘possible economies?” This process takes place just prior and after the bids have been opened and published by the owner. One firm is played against another until neither has any profit, in fact, they go past the point of even trading dollars. It TAKES TWO TO MAKE A DEAL!

How can a company do this and stay in business? Very simply, and it is simple! Overlapping or receipts. A definition of this is as follows: The receipts received for another project make up the difference on the present project or material left over, from another project and used for the present job. How long does this continue? It continues to the point of no return. By that I mean the first project which results in a complete loss due to the lack of any overlap of any type from any place. Now, the firm is cornered and depending on the capitalization of the organization, ability to absorb the loss, it will finally be required to close its doors and go out of business. The business climate growing “sour” or the success of losses will bring the “ax-man” very quickly.

This is what unrestricted bidding, bid shopping or peddling is and does to a bidding firm, but what do we do about it?

The April 7th issue of Engineering News-Record, page 98, has some possible solutions to the problem. The December, 1959, issue of The Constructor, pages 31 and 32, hits this subject without mercy. These are all examples of “feeble lip service,” but what is being done on a constructive basis for the entire industry? NOTHING, only feeble attempts.

The first step toward clearing up a cancerous condition is to “create a strong medicine.” The “strong medicine” being a practical, all-inclusive, and high code of ethics enforced by a strong, unified organization. The methods must be tightened and without exception straight down the line, letting the chips fall where they may. The industry must possess the guts and determination to see it through to the end. It can not be a partial and/or mediocre action, but decisive and with purpose.

THERE IS NO IMPOSSIBLE PROBLEM OR CONDITION, as history has proven on many occasions. It has been the fight and determination of every individual involved to turn the tide toward good. Are You a Fighter? A Man of Determined Principles? Do You Have the Guts for This Dirst? If you have, let us hear your support loud and clear, so that the “battle” can begin in earnest.

There are various tools which can aid the enforcement and direction of this decisive action such as an industry-wide bid depository-organized on a sound and impartial basis, legislative activity demanding specific requirements and prescribing exacting procedures, industry-wide research and inspection programs, educational programs—apprenticeship for employer as well as employee, craftsmanship programs for both, general public programs, and so on, which would all be designed to raise the standard of knowledge and experience of the industry and community a central agency used as a source for company recommendations, and so on down the list. There are probably many other suggestions, but space limits a complete listing.

The “medicine” is strong, but the “doctors” have to be even stronger to administer it. We have many such men in our Exchange who can perform the necessary “appendectomy.” The condition demands it and WE, this is ALL OF US, must do something about it.

The cure will be difficult and only those who are fit will survive the “medications.” It will be as the old saying goes, “A Survival of the Fittest.” The final result, as we all know and believe, will be a healthy, strong, efficient, respectable industry.

The rewards for all of this effort are beyond description and imagination. The firms will be well versed in their specific operations forming a solid base for the industry. A pride in individual workmanship and craftsmanship will be resurrected from days of old receiving the respect and public recognition it should justly possess in the community. The net margin of profit would be considerably increased along with a noticeable decrease in hysterical rushing about from over-bidding. The general public will vest its confidence in the industry which will increase construction activity, expanded plants, new commerce and industrialization, increased housing-apartments and houses, new and improved road systems, and on down the long list of pleasant experiences.

This article is published with the best of intentions for doing the right and proper thing. There has been a great deal said on this worn-out subject, but this is an effort to strike out in the proper direction. It is not a one man job or just a few people, but must include whole-hearted, all-inclusive support, effort, and action. The beginning will be the hardest obstacle to overcome, but from that point on things will really roll toward that desired goal. LET’S GO TODAY!
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10 October '60 Monthly Bulletin
CALENDAR OF COMING EVENTS

TUESDAY, OCTOBER 25 - 5:45 P.M.
Tour through Anocolor Engineering, Inc., anodizing plant at 14460 Linwood Avenue, Detroit, with cocktails and buffet dinner — sponsored by Aluminum Company of America

NOVEMBER
Tour through National Bank of Detroit with buffet dinner

FRIDAY, EVENING, DECEMBER 16
Christmas Party at Detroit Yacht Club with Cocktails, Dinner, Dance and Floor Show

MARCH — OPEN
Formica Corporation with Cocktails and Dinner at Sheraton - Cadillac Hotel, Detroit

JANUARY — OPEN
Table Tops at Saginaw and Western Michigan Chapters yet to be announced

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Light Reflectivity

TODAY, THERE IS A GROWING AWARENESS on the part of industry, education authorities, hospitals, and other institutions of the effects of the brightness and quality of light. As a consequence, the light reflectivity factor of resilient floors takes on additional importance. This is particularly true in view of the fact that the floor is often the largest single area of decorative color in an interior.

The percentage of incident light reflected by a floor must be adjusted to the fact that the human eye is more sensitive to some colors than to others. A person with normal color vision is most sensitive to a wave length of about 570 millimicrons—a greenish yellow in approximately the middle of the visible spectrum—and sensitivity falls away toward both the red and violet end of the spectrum.

In addition to color, gloss also has some effect on light reflectivity—a high gloss will have a lower light reflectance. This is illustrated below.

In Fig. 1, a matte surface reflects light in all directions but, as shown in Fig. 2, a high gloss surface reflects most of the light in the direction of specular reflection and a relatively small amount in the direction in which normal reflection measurement is made. If this material is viewed at the angle of specular reflection, it will appear very bright, but what will be seen will be a more or less distinct image of the source of illumination combined with light reflected by pigment particles of the material.

Therefore, the colors in a high-gloss waxed and polished floor will appear somewhat darker than the same colors in a material with a matte finish.

**Fig. 1** Light reflectance measured here

**Fig. 2** Light reflectance measured here

THE ANNUAL CHRISTMAS PARTY of the Producers' Council will be held again this year at the Detroit Yacht Club. This affair has become an institution in the annals of Architect-Producer fraternization and is considered by both old-timers and the big social events of the winter season.

This year the dinner dance will be held on Friday evening, December 16 in the spacious ballroom of the Yacht Club, considered one of the most handsomely appointed edifices of its kind in the country.

Charles Wolfgang Trambauer, a former president of the Council, is responsible for the privilege of having the party there, through his membership in the Club. So

By R. PLANT McCaw
Armstrong Cork Company

Apart from its effect on the light level of the room, gloss has a considerable influence on the appearance of the finished floor. Very glossy flooring materials tend to show up minor irregularities in the subfloor surfaces. Very glossy materials, therefore, require careful subfloor inspection and preparation in order to insure the best appearance. Extra maintenance care also is required.

Lighting of schoolrooms is currently a subject of great interest. Much work has been done to reduce fatigue and promote better working conditions for both teachers and pupils. The elimination of glare combined with a balanced brightness level results in more speed and accuracy and provides a cheerful feeling of warmth. Pupils with subnormal division are helped by adequate lighting and accidents in corridors and stairways are reduced.

Good school lighting depends not only on proper lighting fixtures and the size and location of windows, but also on the reflected brightness of all surfaces in the room. Lighting specialists have arbitrarily selected the working surface (books, papers, etc.) as the reference point. They also have established that this reference point should have a reflectance factor of 70%. For ideal seeing conditions then, the floors and all other major surfaces should have reflectance values not greater than 70%, and not less than 22-23%.

These conditions apply not only to schools but also to all places where people work. Proper lighting combined with a proper balance of reflectance levels assures a more relaxed and better satisfied worker.

MRS. MARIE MULLER, wife of Fred Muller, former president of Producers' Council, was in Mount Carmel Hospital, Detroit, recovering from recent surgery. Her many friends are sending cards ing her a fast recuperation at home.
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October '60 Monthly Bulletin
COMPLETION OF A MOVE TO NEW HEADQUARTERS centralizing all activities is announced by Perron Construction Co. The industrial contracting firm is now located at 21201 Meyers Road, Oak Park.

"In consolidating the administrative and mechanical divisions at new central headquarters, we expect to improve co-ordination and serve customers more efficiently," said Frank I. Perron, president.

In addition to air conditioned offices for management, sales, engineering, purchasing and estimating personnel, the facilities include warehouse, garage, maintenance, and yard-office buildings. The five-acre property also accommodates the company's extensive building equipment.

An established general contractor, the Perron company serves southeastern Michigan with a permanent staff of 60 employees, augmented by up to 400 workers on location. Former headquarters was at 6525 Lincoln, Detroit.

T. M. Reynolds E. H. Wiley W. C. Krell

PROMOTION OF THREE PORTLAND CEMENT ASSOCIATION ENGINEERS and reassignment of duties in Michigan was announced recently by J. Gardner Martin, Michigan district engineer for the Association.

T. M. Reynolds, Lansing, was named field engineer supervisor and E. H. Wiley, Okemos, was appointed state paving engineer. W. C. Krell, Detroit, will become supervising engineer in the structural and housing fields.

Reynolds assumes his new position after 19 years experience with the Portland Cement Association. He served five years as office engineer and 11 years as paving and general field engineer in the Lansing and Detroit areas before becoming statewide paving engineer in 1957.

Wiley, who has been employed by the Portland Cement Association for 23 years, served four years as office engineer and 17 years as paving and general field engineer in Traverse City and Grand Rapids. Since 1958, Wiley has been engaged on special engineering assignments for the district office.

Krell, who joined the Association staff in 1957, will continue as structural field engineer in the Detroit area in addition to his new assignment as supervisory engineer.

CONCRETE STEEL CORPORATION has been appointed representatives in the Detroit area for Knapp Brothers Manufacturing Company. Jack Lewitt, as local representative, will service the Company's complete line of metal trim. His offices are at 2411 Vinewood Avenue, Detroit 16, the telephone number TAsmoo: 5-4733.

MIGDAL & LAYNE, Consulting Engineers, has recently moved their offices into new quarters at 10150 West Nine Mile Road, Oak Park.

Principals in the firm are Albert Migdal, Registered Professional Electrical Engineer and Fred M. Layne, Registered Professional Mechanical Engineer.

Migdal & Layne have provided engineering services for many of the outstanding structures in the state including schools, hospitals, office buildings, motels and shopping centers. They have also done considerable work for the Strategic Air Command at various Air Force Bases in Michigan.

In their new and larger quarters Migdal & Layne have increased facilities to better serve their clients.

ROHM & HAAS COMPANY announces that Norman S. Knauss has joined its Detroit sales staff, according to Richard C. Ogelsby, manager of the Detroit office.

Knauss replaces John J. Doyle who has been appointed technical automotive coordinator and will work out of the Philadelphia office.

The company's offices are at 2011 Greenfield Road, Detroit 35, Mich.

Mr. Mitchell

RALPH G. MITCHELL has been appointed manager of the midwestern district of Briggs Manufacturing Company. Mr. Mitchell joined Briggs in July 1958 as a regional manager and served in that capacity until his recent promotion. Mitchell has been associated with the plumbing industry for twelve years.

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October '60 Monthly Bulletin
VERSATILITY OF MASONRY
ENHANCES ARCHITECTURAL DESIGN

AN IMPRESSIVE EXAMPLE of the multiple uses of masonry in modern architecture is presented by a new building nearing completion on Telegraph Road in Southfield, Michigan.

Containing a maintenance shop and seven offices, the 60' x 66' structure was designed by Paul Tilds and Associates, AIA, and is being built by the owner, James R. Snyder Co., mason contractors.

The front facade is made of face brick with limestone trim and clay solar screen units covering the window area. The remaining exterior surface is of exposed cinder block.

The maintenance shop measuring 25 x 60 feet, has walls of cinder block laid up in running bond. Matching the texture of the walls is an 18-foot ceiling of exposed cinder concrete which is a part of a unique roof system.

The unusual roof is made up of 8" x 12" reinforced cinder concrete beams with bullnosed edges, approximately 4 feet on center and resting on steel beams. Notched, precast concrete fill the space between the concrete beams to form an attractive beamed ceiling.

The concrete beams span up to 16 feet. Precast concrete cant strips are set between the roof and parapet wall. Rigid insulation and a built up roof cover the precast roof system.

The office area has the same roof system with the addition of a suspended acoustical tile ceiling at a height of 9' x 4' from the floor.

Cinder block of different patterns and colors make up the walls of the seven offices and reception room. Four inch high units laid in norman bond have been used on one wall and 8" x 8" face units in stacked bond on the other three walls. In each office, the wall of different pattern is painted with a color complimentary to the color of the other walls. Ten different patterns have been used, including stacked bond and basket weave.

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The 8" x 8" stacked bond walls, which predominate in the corridors, are made by laying regular 8" x 18" units, which have been scored on a masonry saw, in regular running bond.

The reception area combines a wall of black glazed brick with an opposing wall of painted pattern block. The counter in this room is of the same solar screen units that cover the windows.

Containing steel beams fireproofed with masonry, this new structure will be a class A fireproofed building. The roof system and all cinder block is by Hay-Con Tile Company, Detroit, Michigan.
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IN LIEU OF THE ANNUAL CRUISE of the Indefatigable Congress of Master Craftsmen, 31 members of the organization took a conducted tour through the Enrico Fermi Breeder Plant for Atomic Energy, on Lake Erie, outside Monroe, Michigan, August 23, 1960.

After being given a verbal explanation, accompanied by slides, explaining the purpose of the plant, we were conducted to the separate buildings which are parts of the whole operation.

The operations of the plant are an appalling spectacle for anyone not in the business of juggling nuclear power. One has to see it to appreciate the immensity of the functions of the plant.

It was very satisfying to all the members of the group to be shown that atomic power can be realized and used with such safety, and without harm to the neighboring citizenry.

Tours through the Enrico Fermi Plant are welcomed by The Detroit Edison Company so that they may show to all concerned just what is being done, and can be done with nuclear fission for the benefit of the public weal. — ERNEST J. DELLAR, I. C. M. C.

SMCAD Industry Fund Grant Provides Laboratory Equipment for Wayne State University College of Medicine

WAYNE STATE UNIVERSITY, COLLEGE OF MEDICINE, has received approximately $2,000 in laboratory equipment, specially designed and built for research in the field of air handling, through a grant provided by the Sheet Metal Contractor's Association of Detroit Industry Fund (SMCAD Industry Fund). These laboratory devices were presented at Wayne State University, College of Medicine by Ferdinand Bolle, Jr., SMCAD president, Kenneth L. Kimmel, president and William J. Rettemiler, executive secretary of SMCAD Industry Fund.

In accepting this laboratory instrumentation, Arthur I. Verwald, M. D., professor and chairman, Department of Industrial Medicine and Hygiene, Wayne State University said, "I would like to express my sincerest thanks and gratitude, and those of my associates, to the Sheet Metal Contractor's Association of Detroit Industry Fund for the generous gift of essential ventilation testing equipment. This instrumentation will greatly enhance our facilities for instructing individuals in industrial ventilation techniques and will also serve to improve the present knowledge of engineering principles of industrial ventilation practices through the practical basic research work which can now be done." Dr. Verwald's associates are associate professors Edward C. J. Urban and George Hama.

In addition to providing laboratory equipment for the teaching of students working toward graduate degree in Industrial Hygiene as well as full time graduate study the knowledge gained in the handling of fumes, gases and dust will be made available to industry for safety programs directed toward better working conditions. Valuable design advances should be developed for the building industry and it is well within the realm of possibility that this equipment may be used, in the future, for studies of air pollution caused by traffic gases.

Left to right: George Hama, associate professor, Wayne State University; Ferdinand Bolle, Jr., president Sheet Metal Contractor's Association of Detroit; Kenneth L. Kimmel, president Sheet Metal Contractor's Association of Detroit Industry Fund and Arthur J. Verwald, M. D., professor and chairman, Department of Industrial Medicine and Hygiene, Wayne State University.

Michigan Society of Architects
HARRY R. HALL, Executive Vice President of the Michigan State Chamber of Commerce: "One of the first talks I made after taking my new office was before the inmates of a mental institution. I felt pretty good afterwards for it seemed to go over very well. On the way out a member of the audience said, 'you know, I like you better than most speakers we have had here.' On being asked why, the answer was, "because you seem more like one of us."

AT A GALLERY IN LONDON, a lady was looking at a Renoir. She asked, "do you have it in any other colors?"

The "Let's Have Better Mottoes" Association selected as motto of the Month, in difference to the political campaigns. "On what do you bias your opinion?"

WANT AD in California newspaper — For Sale 1939 Ford car, takeover payments.

IN DALLAS, TEXAS, a lady from a fashionable section wanted to get her maid out of jail. "She has worked for me for three years," she told police Detective W. S. Biggio. "Lady, we have arrested your maid," the detective replied. "But 'she' turned out to be a man dressed in women's clothing." The woman is looking for a new maid.

LET'S HAVE BETTER MOTTOES Association announced the winning motto for August: "I have great plans for wasting today."

Also ran: "If you died tonight, could anyone straighten out the mess you're making?" "I'm not talking common sense, I'm talking policy." "I gave my wife a going-away present, but she won't use it still scares normal people."


NEW YORK DAILY NEWS headline: In New York a truckload of dresses is hijacked: $50,000 worth of ladies skirts Lifted.

SENATE, at hearing for applicant of member of the Labor Relations Board: "What do you think of the Taff-Hartley Bill?" Answer: "I think it should be paid."

WILL THE CINEMA attract the young people as the stage has, or will it just be neck and neck?"
The first major application of ISOLASTIC® in the architectural field was Detroit’s fabulous new Cobo Hall. ISOLASTIC®—the newest and most versatile of the polyurethane elastomers—has many outstanding characteristics. Here are but a few:

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