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WEEKLY BULLETIN



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DETROIT, MICHIGAN, FEBRUARY 4, 1947

No. 5

DETROIT CHAPTER HEARS JAMES EDMUNDS

James R. Edmunds, Jr., FAIA, President of The American Institute of Architects, was Guest of Honor and speaker at a meeting of the Detroit Chapter, AIA, in the Rackham Building, Detroit, on the evening of January 23. Wells I. Bennett, Chapter President presided. President Bennett stated that Chapter business would be dispensed with in deference to the distinguished guests. He first called upon Mr. Eliel Saarinen, FAIA, who was at the speaker's table, to rise and take a bow, in recognition of the recent announcement that The Institute would present its Gold Medal, its highest honor, to him at the next Convention.

Dean Bennett then called upon Branson V. Gamber, FAIA, State Association Director of the Institute, to introduce the speaker. Gamber paid high tribute to Mr. Edmunds for the service he had rendered the Institute during his two terms as President, for the prestige he had brought to the profession and for "his rare and unique ability to get things done."

MR. EDMUNDS' ADDRESS

During the whole of the last year the architects and the rest of the building industry have been working against a background of irritation, discouragement, and frustration. Fortunately, that background has begun to recede, but, even in a climate of decontrol we are still controlled. An impatient public must be made to realize how hard we have been working, how much we have accomplished, and at the same time how much we have been forced to dissipate our effort in makeshift expedients to overcome annoying difficulties of the moment which are not of our creation. The public and the Government must be told plainly that we see no hope of regaining our customary efficiency until the construction industry is once again a free agent.

It is high time that we laid our plans for setting things to rights. The need for construction of all kinds is imperative. Living structures are needed—houses, apartments, hotels. Working facilities are needed—factories, office buildings, and commercial enterprises. Spiritual structures are needed—churches and synagogues. Structures to care for the health

MSA COMMITTEE REPORTS

Chairmen of Michigan Society of Architects Committees are reminded that their annual reports should be submitted this week, if they are to be included in the Annual Convention Number of the Weekly Bulletin.

of the country—hospitals and sanitariums. Educational facilities—schools and colleges—and even recreational facilities must not be forgotten. All of these, and many more, must be planned and built before it can be said that the country has returned to a normal condition. Not only are buildings themselves needed, but also the facilities and utilities that will enable them to function. Public works, ranging from water and sewer connections up to such great undertakings as power plants, dams, bridges and flood control devices, are needed. Highways must be built to interrelate the projects and the communities.

The demands of the nation are almost too great to comprehend, and there is no need to tell you that we are not getting these things. You also know that even the promise of getting them is pitiful. There are some who point to the actual construction in progress and the number of men at work with a sense of specious

pride and false encouragement. We know that the tangible results are woefully short as compared with the need. Such construction as is in progress goes along haltingly, timidly, and uncertainly.

We know also that within the private building industry itself there lies the genius and ability to meet the situation and to solve the problem. We know that we are capable of operating a construction program that will lead us back to a smooth-running, efficient, self-adjusting economy, but we know equally well that the American construction industry cannot operate under the sort of regulated economy that has been forced upon us since the shooting war was over. It has been well demonstrated that it is impossible to operate under directives, restrictions, and limitations—even though these be imposed with good intentions.

The construction industry has been attacked with a sort of creeping paralysis that has come, not from within the industry but from without, and has been brought upon us against our advice and judgment. Obviously, until there is a smooth flow of materials and equipment, our sufferings will continue. The time consumed to complete jobs today is not only abnormal, but disastrous. This is

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just one of the factors which prevents efficient scheduling of the work of contractors and sub-contractors. Another is the excessive cost of critical items and the virtual impossibility of obtaining them. We must, therefore, straightway demand and secure a quick and smooth flow of construction materials and equipment.

We said these same things a year ago and we still have to say them. At this time last year, we were led to believe that all emergency restrictions on building would be a thing of the past by now. We had every reason to believe, then, that by this time inventories of construction materials and equipment would be sufficiently built up to insure their smooth flow to the site. We were led to believe at that time that satisfactory price adjustments would be made, and, we even had hope that price controls soon would be entirely removed. We recognized the difficulty of attempting to classify construction work in various categories of essentiality, and we made plain to the authorities what the difficulties would be. We urged that the war-time requirements of permits for construction and maintenance work should be permanently discarded.

Although this past year has demonstrated the rightness of our thinking, unfortunately our recommendations were not adopted. Instead, overwhelmed by the urgent need of housing for returning veterans, the Government reimposed the war-time permit system, continued the enforced price controls and undertook to channel building materials and equipment to housing for veterans. It sought such devices as subsidies to stimulate production of materials—again against the advice of the construction industry. That the industry was right is proved by the fact that only about 10 per cent of the amount requested for subsidies has been used or committed by those who insisted on it. They called the subsidy plan the "very heart" of their program, which goes to show how wrong inexperienced men in Government can be.

Today, while price controls on building materials have been removed, we still find ourselves hamstrung by priorities, allocations, and permits to build and by Government pricing of new residential buildings. We cannot see that the mediums and devices that are employed have succeeded in producing the promised volume of housing construction. So, not only do we not have the housing, but other much needed construction, both private and public, looks forward from an unstable present to an uncertain future.

We can honestly state that the construction industry has made every attempt to cooperate with the Government. Historians in the future will probably analyze the situation and determine the reasons

for the failure of the construction program, but I venture to state that among the reasons will be cited the absolute impracticability of directing, from the Capital City, the thousands and thousands of decisions which must be made daily by hundreds of thousands of people in thousands of communities, large and small, throughout the country, who are charged with operating a vast, decentralized and essentially local activity. The system of directives, as administered, has demonstrated its own inability to master the situation.

Today this inherent inability of a planned economy to furnish the facilities so vitally needed to make up for war deprivations has become clearly apparent to all. The time is ripe for a fundamental change in our thinking. The country is ready for new leadership.

I propose that the entire construction industry—architects, contractors, manufacturers, distributors, and all—adopt a definite, specific, integrated program leading to prompt and substantial expansion of the volume of construction as measured on the site, and not in statistics and plans.

It was my privilege to present such a program to the Construction Industry Advisory Council in Washington a few weeks ago and I repeat it here. This program has seven points.

Point Number 1 is that we do all in our power, individually and collectively, to free the market of all restrictions and to demonstrate that we can meet the housing and other needs of the country without war-time permits, price limitations, allocations, and subsidies. The need for shelter is so basic to human welfare that it must take high precedence in our activities.

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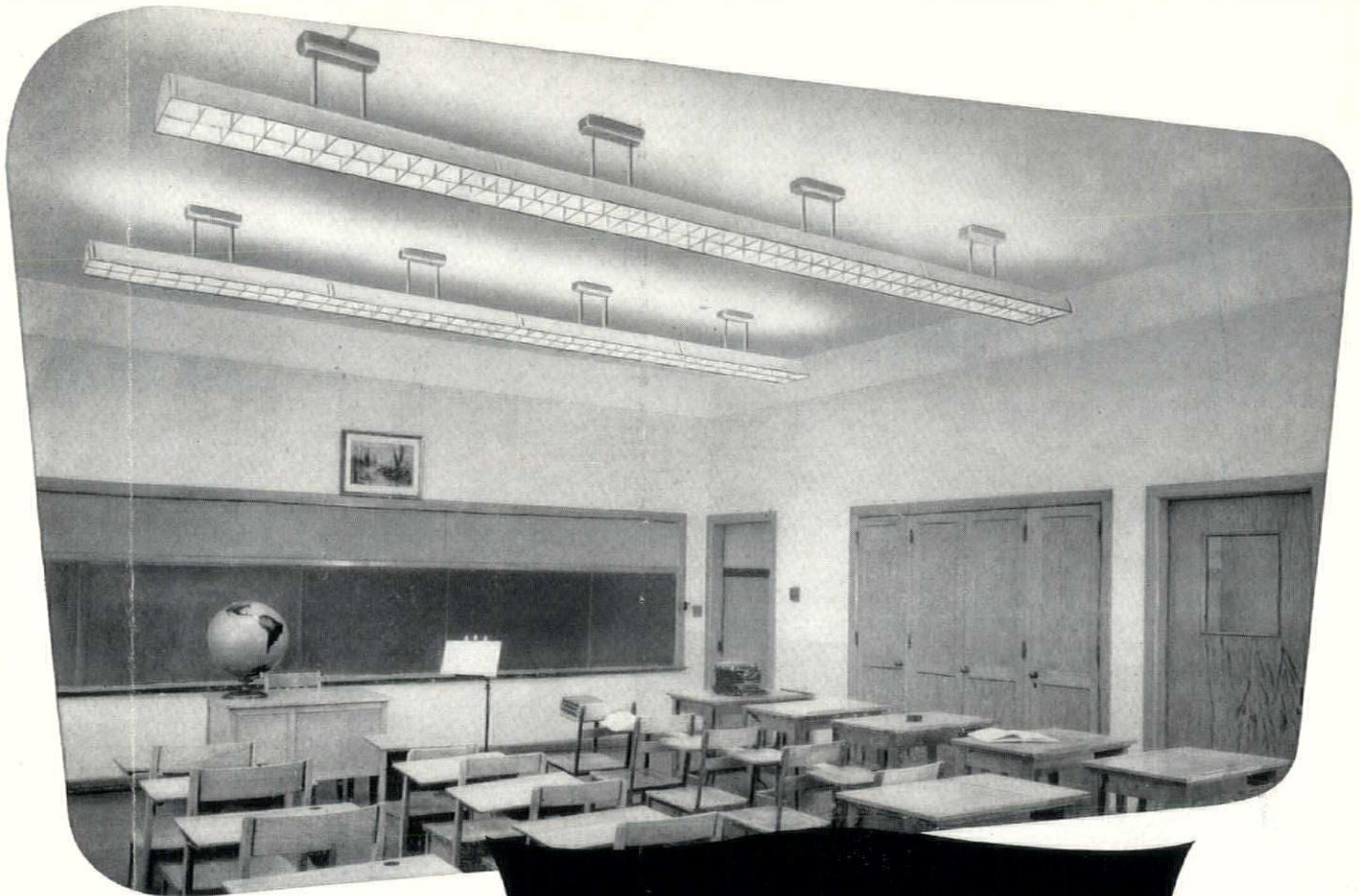
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Measure Number 3 is Government co-operation with the construction industry in setting up, under impartial and disinterested non-Governmental auspices, a research activity which will ensure that construction will be in the forefront of progressive American industry. If we are not careful, research in other countries will outstrip ours, and we are firmly of the opinion that we should be in the forefront, and not continually seeking to learn what the other person has done and then endeavoring to catch up with him.

Measure Number 4, which the Government has already undertaken but which could be enlarged and stimulated, is the

advance planning of needed public works and the correlation of that planning between Federal, State and local Governments. The construction industry and the States and communities which are responsible for the largest amount of public works planning can well cooperate with the Federal Works Agency in its program.

Measure Number 5 would be for the Government, in cooperation with the industry and the States and communities, to encourage the modernization of building codes. The National Bureau of Standards is carrying on very helpful work in this field. More can be done both by the Government and by communities which must adopt and administer these codes.

Measure Number 6 would be for the Government, in cooperation with labor, management, and the communities, to stimulate the training of skilled workers for construction. If the industry is not careful, a shortage of skilled on site labor will be our next bottleneck. The Apprentice Training Service in the Department of Labor is making a constructive contribution to this program.

Measure Number 7 would be an overall policy toward the recapture of an economy which obeys the law of supply and demand, which operates on the firm basis of a free market with high productivity and employment.

These are the things I think we should do, and what we should recommend the Government should do. It is not beyond the realm of possibility for the various groups in the construction industry to agree among themselves and to implement these suggestions and recommendations. Further, it is not beyond the realm of possibility for the construction industry and the Government to agree upon these measures. Perhaps one fault in recent years has been that too often we have not considered policies or propositions until they have been brought out by Congress. This failure has perhaps thrown an unusual burden upon Congress itself. Would it not be better if the industry and the Government could arrive at a constructive program and could determine upon constructive policies before these programs or policies find shape in bills? Then, the burden on Congress would be lessened, and objectives would be achieved more readily and more efficiently.

(Concluded on Page 6)

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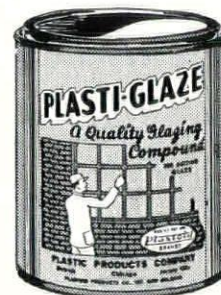
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turers and distributors to get materials and equipment as rapidly as possible to the sites where they can be used most effectively.

Point Number 3 calls for the cooperation of the financial institutions to the end of starting the immediate construction of those rental dwelling units so badly needed by both veterans and others.

Point Number 4 calls for the cooperation of the design elements—and of contractors and workers. The consumer must be assured that he will receive full value for the money he spends. This means a full day's work for a full day's pay. Labor must be brought to realize that restricting its own productivity will, in the long run, result in less rather than more employment.

Point Number 5 calls for the cooperation of all the elements in the industry. We must continually study to improve our product, and to advance the art of construction, and if possible to reduce the cost to the consumer. This means research.

Point Number 6 also calls for the cooperation of all the groups in the industry. Building codes must be revised and modernized so that the consumer may be assured of the availability of new methods and new materials.

Point Number 7 calls again for the cooperation of all of us. Opportunity for young men must be assured in all branches of the construction industry. This means a well conceived and properly executed

training program.

I recommend that all of us give serious consideration to this seven-point program. If we adopt it and give it our active and continuing support, I am convinced that our industry will be started on a dynamic demonstration of the ability of free men, unfettered by directives and restrictions, to satisfy the needs of the nation rapidly and comprehensively. The willingness and ability of free industry to put first things first has been demonstrated throughout the history of our nation; it can be demonstrated again.

And now, before I close, I should like to say a few words about the place of Government, and particularly the Federal Government, in our complex contemporary civilization. We have been suffering from too much Government; let us be careful, in our attempts to regain our independence, not to let the pendulum swing too far in the opposite direction.

The construction industry is face to face with the biggest challenge in its history. We cannot afford to fail. If we should fail, the consequences of that failure would affect not only ourselves, but also the welfare of the American people as a whole. We must not, in our revulsion from too much control, reject or neglect the legitimate cooperation which a well administered Government can and should offer.

So now, in turn, I am going to suggest some measures for the consideration of

our Government. These measures I believe go to the heart of our problem, and should enable us to lay the foundation with the Government for a program that will place our economy in a satisfactory position.

The Number 1 measure suggested to the Government is that it provide the industry and the public with basic facts on construction operation in all fields. The Department of Commerce has already made a notable start along this line, and we believe that that Department can continue to augment its effort, and this may be done in conjunction with other interested Government and non-Government agencies. What we need is a central fact-finding body, unbiased and objective in its thinking, which will keep us informed of current trends. This is surely a proper Government activity.

Measure Number 2 is a strong recommendation to the Government not to merge in a permanent NHA the various federal housing agencies, but to coordinate their activities in what might be called a Board of Housing Strategy. This Board, consisting of heads of all Federal agencies concerned with housing and with housing finance, would have advisory powers only. Such a plan would prevent duplication of effort without subordinating one purpose to another. Constructive assistance should be given to cities with their problems of slum clearance and urban redevelopment.



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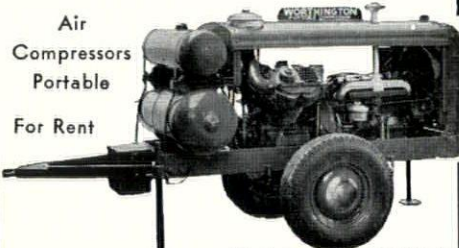
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The two nominating committees of the Michigan Society of Architects have submitted their reports. The Committee appointed by President Roger Allen consisted of Clair W. Ditchy, Chairman; Kenneth C. Black and Branson V. Gamber. The Committee elected by the Board of Directors consisted of Clarence Rosa, Chairman; James A. Spence and William A. Stone.

Balloting will be by mail, election at the 33rd Annual Convention in Grand Rapids, March 7 and 8, 1947. The two slates are as follows:

By-laws provide that "The Board's Committee shall recognize and place in nomination any candidate who is an active member in good standing, upon a petition signed by five members, in good standing, provided such petition is delivered to the chairman of the Board's Committee at least fifteen days prior to the date of the Annual Meeting."

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**Edmunds—
—from Page 4**

I hope this program has stimulated your interest. The role of the construction industry in the general economy is of such importance and is so vital to the welfare of the country that we cannot afford to allow the uncertainties and failure of the past year to be continued. The time to act is now. The American Institute of Architects and its Chapters can do much to stimulate the necessary action and we count on your full support.

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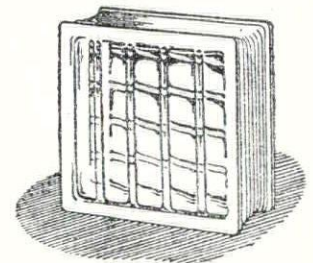
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DETROIT, MICHIGAN, FEBRUARY 11, 1947

No. 6

RALPH WALKER TO SPEAK TO CHAPTER

Ralph Walker, F.A.I.A., member of the firm of Voorhees, Walker, Foley and Smith, of New York, will be the speaker at a dinner meeting of the Detroit Chapter, A.I.A., at the Detroit Athletic Club on the evening of February 28, it is announced by Wells I. Bennett, Chapter President.

The Chapter's February meeting had been scheduled for February 19, at the Rackham Building, but in order to obtain Mr. Walker as a speaker, it was necessary to change the date. Because the meeting on the later date could not be accommodated at the E.S.D., it was arranged at the D.A.C.

The room engaged at the Club, a private dining room on the second floor, will accommodate 125, no more. There were that many reservations at the last Chapter dinner, at which President Edmunds spoke. There are certain to be that many at this meeting, so only the first 125 reservations received can be honored.

Return reservation cards will be mailed out soon, and we suggest that reservations be made early. Cancellations cannot be accepted if received after 9:00 a.m. February 27 (the day BEFORE the meeting). Those who make reservations and do not attend will be billed in the amount of the cost of the dinner to the Chapter. The dinner in this case will cost the Chapter \$4, members will be charged \$2, the Chapter subsidizing the difference. The Chapter does this as a service to its members, and to encourage attendance. It is obviously unfair, then, for the Chapter to be put to the additional expense of paying for dinners that are not served, while other members who would like to attend are deprived of doing so.



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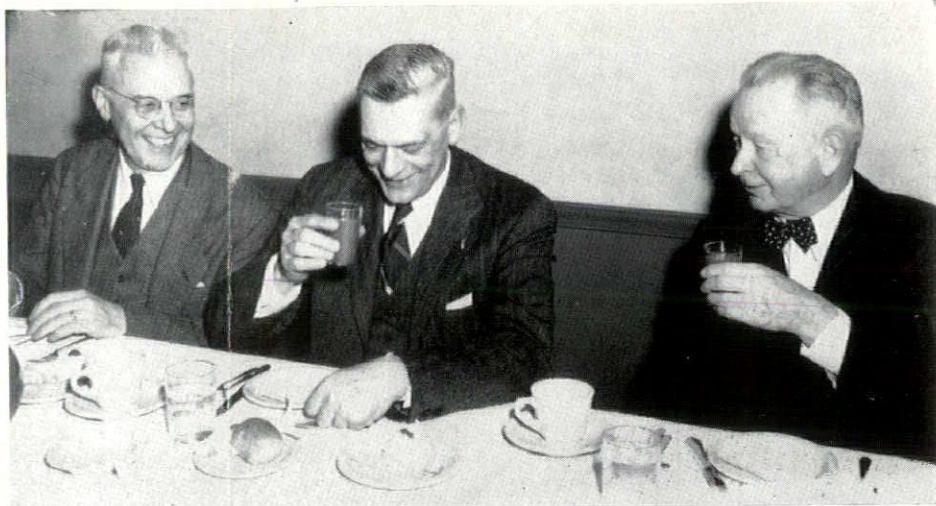
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Wells I. Bennett, James R. Edmunds, Jr. and Eliel Saarinen, at Detroit Chapter Dinner, January 23, 1947.

ENGINEERED HOUSE

Tentative floor plans for the industry-engineered houses which have been designed to point the way to substantial reduction in the cost of building veterans' homes have been sent to building product manufacturers for comment and study. Andrew L. Harris, executive secretary of the Producers' Council, stated today.

"More than 100 manufacturers of building materials and equipment will meet in Washington January 28 to discuss the plans and the engineering principles on which they are based," Harris said.

"Copies of the basic plans, which have been prepared by nationally known architects to demonstrate the savings made possible by dimensional engineering will be made public soon after the plans have been discussed at the meeting.

"The development of engineered houses is a joint program of the Producers' Council and the National Association of Retail Lumber Dealers.

"Basic engineered houses are defined as 'houses of quality materials, planned for adequate living and designed for minimum cost.'

"Savings in cost will result from standardizing on low cost products and from saving time and materials by coordinating the dimensions of the homes with the dimensions of the materials and equipment which go into them.

"The engineering principles and the opportunities for cost reduction embodied in industry engineered homes can be applied to other houses developed by individual designers, including houses of greater spaciousness.

"The basic plans present small homes containing one and two bedrooms. The three variations of the two-bedroom house show a two-story dwelling and two L-shaped homes. The floor areas are well within the 1500 square-foot limit enforced under the veterans' housing program.

"Savings in manufacture of materials

will result from the fact that standardization of materials will bring economies from greater mass production and lower inventories at the point of manufacture.

"There will be savings in distribution resulting from lower dealer inventories, from easy assembly or packaging of materials, from mass pre-cutting and pre-assembly of materials prior to delivery, and from the fact that dealers will be able to keep a complete stock of the materials for the engineered homes. This will permit prompt delivery of materials and eliminate the need for placing orders with manufacturers for products not in stock, thus reducing the costly delays in building which result from uncertain delivery of materials ordered from the factory.

"Additional economies in site construction will arise from the use of modular products and from the fact that the houses are dimensioned to material sizes, which will save time and materials by eliminating the need for cutting and fitting."

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Builders' & Traders' Exchange Mark Fifty-fifth Anniversary

Seven hundred attended the Builders' & Traders' Fifty-fifth Anniversary Banquet at the Book-Cadillac Hotel on January 21, heard Arthur (Red) Motley, President of Parade Publications, Inc., as speaker, talks by officers of the Exchange, reports, entertainment and other features.

G. K. Chapman, President of the Exchange, presided and introduced past presidents, as the opening feature. The Exchange has a long and distinguished record of accomplishment. When it was organized in 1882 it had 42 members. At this meeting a membership of 632 was reported.

In his report, Edwin J. Brunner, Secretary-Manager, said:

"Today we have more complex problems, and many of them.

"The year 1947 will develop a big volume of construction. Most of the wartime controls have been lifted, and the remaining ones have been liberalized, and will be lifted. The supply of materials is less scanty, but will remain tough as concerns some items.

"Production is the keynote for 1947—production for a demand we cannot entirely satisfy unless costs go so high that effective demand commits suicide. That could happen. It would create a sorry state of affairs not only for our great industry, but for the whole economy of the nation.

"The shortage to be feared most is the oncoming shortage in the skilled trades. Some real strides have been made since V-J Day in training apprentices, and all those pushing this program are entitled to much credit. BUT WE MUST DO STILL MORE. We must accelerate the effort. None of us must underestimate the need for replacements and new men. We must act and continue acting.

"From the tree in the woods, from the iron ore lying in the earth, from the sources of all materials for construction, the biggest element of construction cost is labor. Even when the finished materials have been delivered on the job site over one half the remaining cost still is labor.

"Two interrelating factors determine labor costs—the rate of wages and the production which labor gives for those wages.

"When a man, a group of men, or workers in any trade or any industry deliver day by day less than a reasonable day's work, to that extent is the price of the commodity they work upon raised. And the burden of this raise cuts into the pocketbook of all consumers. It takes money right out of the pocketbook of all labor.

"Someway, somehow the simple truth must be planted and made to grow in the hearts of men, that our standard of living can not rise or stay as high as it is now unless all men, no matter how important or how humble their work, put into it each day reasonably what they are capable of putting in.

"But we cannot imply that the responsibility is all labor's. We must strive for more efficiency in management and in technical and in public relations. And we

must grow to a stature where we do not become petulant and loused up when all is not going our way.

"We must help spread such truths, and the easiest way to spread a truth is to practice it and be sincere, and to become known for your sincerity.

"This construction industry, now almost turned back from wartime controls, must not let the fact dim itself, that the golden key is production, and more production at a price which will not stifle production."

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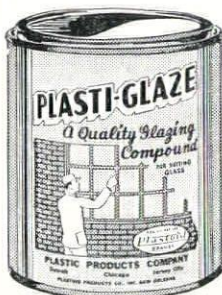
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Charlie can be reached at Design, Inc., Ninth and Sidney Streets, St. Louis 4, Mo. Telephone number is PROspect 7600, or after office hours, at the Mark Twain Hotel, St. Louis.

CLARK R. ACKLEY, Lansing architect, has prepared plans for a ranch-type house to be the feature of the Lansing Home Show, scheduled to be held in the Lansing Armory in May, 1947.

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DETROIT, MICHIGAN, FEBRUARY 18, 1947

No. 7

CONSTRUCTION OUTLOOK FOR 1947

By THOMAS S. HOLDEN, President, F. W. Dodge Corporation

Potential construction demand is probably greater than the 1947 capacity of the construction industry. Since the industry's capacity, particularly in the material supply sector, increased greatly in 1946, the obvious expectation is for a substantial increase in total volume during the coming year.

This expectation could fail of realization if construction costs continue to rise so rapidly as to price vast numbers of planned projects out of the market. It could, presumably, fail of realization if there should be a nationwide wave of work stoppages in basic industries and among the construction trades. Odds are that neither of these possible deterrents will develop on a sufficiently serious scale to force any substantial or prolonged curtailment of construction volume.

In the present situation the general economic conditions surrounding construction activity and the types of stresses and strains likely to prevail within the industry, are even more important for appraising the outlook for the coming year than are any measurements of construction demand.

GENERAL BUSINESS CONDITIONS

General price decontrol and restoration of free markets were announced by the President on November 9th.

In each important group of commodities there has been a short spell of price confusion, followed by a degree of stabilization. For most commodities in short supply the typical pattern followed after decontrol seems to be a sudden rise in prices above OPA ceilings to levels less than previous black market prices, followed quickly by stepped-up production, increased supply and a fair presumption of early stabilization.

The current general rise in commodity prices is likely to reach a peak and start receding during the first quarter of 1947. Wholesale prices of farm products have already softened. A number of consumer items have been selling below previous retail price ceilings.

Wholesale prices of farm products, foods, textiles and other consumer goods are likely to reach a peak and turn down soon—

See HOLDEN—Page 2

February Meeting

Mr. Walker, one of America's most distinguished architects, will bring to Chapter members a message of vital interest. A few years ago he made an extensive study tour of English cities, bringing back a fund of valuable and interesting information on housing, city planning and other aspects of life in the British Isles.

Ralph Walker was graduated from Massachusetts Institute of Technology in 1911, was awarded the Rotch Traveling Fellowship in 1916. His firm, one of the most important in the country, has to its credit such buildings as those of the New York Telephone Co., Irving Trust Co., Western Union, Brooklyn Edison and laboratories in various locations for Bell Telephone, Standard Oil, Firestone Tire and Rubber Co. and many others. The firm's other buildings include Travelers Insurance, Hartford; Prudential Insurance, Newark; several buildings for the New York World's Fair; Roger Williams Memorial, Providence; George Eastman Memorial, Rochester, etc. During the war V.W.F. & S. did Army defense bases extending to the far-flung corners of the world.

Mr. Walker was a member of the Chicago World's Fair Architectural Commission. He has been in the past and still

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Friday, Feb. 28, 1947, Detroit Athletic Club

Board Meets 4:00 p. m.; Dinner, 7:00; Program 8:15

SPEAKER: Mr. Ralph Thomas Walker, F. A. I. A., of the New York Firm of Voorhees, Walker, Foley & Smith

is a member of many other important bodies and organizations. In 1927 he was awarded the Gold Medal of the Architectural League of New York.

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Holden from Page 1

er than prices of construction materials and other durable goods.

The U.S. Bureau of Labor Statistics index of wholesale prices of all commodities stood at 128.4 on August 24, at 139.1 on November 30. There was a minor downswing between those dates. Apparently, the index will be subject to more fluctuations until some degree of stabilization is reached. At the peak it may stand somewhere near to 145. At such a point, the peak would be between about 85 percent over the average for 1939, which was 77.1. During World War I, the general wholesale price index more than doubled, and reached at the postwar peak in May 1920 a point nearly two and a half times the pre-war level.

Since the general price rise this time has been so very much less than it was in the World War I period, the danger of general collapse of prices and serious business recession this time is correspondingly less. The most likely prospect this time is for more orderly price adjustment, with only a moderate amount of confusion and a moderate decline of the index.

Threats of strikes in key industries are a disturbing factor as this is being written. Further wage increases would tend to boost prices above present levels; serious work stoppages curtailing production would prolong the unbalance of demand and supply in important commodities. However, neither wage increases as large as those of the past year, nor prolonged work stoppages are likely. Labor disturbances in 1947 will probably have less effect on the general price structure and the general business picture than they had in 1946.

The anticipated price recession will probably be accompanied by a mild or moderately serious recession in general business activity. Total industrial production may be in a moderately declining phase during a part of next year, there may be moderate decline in total employment.

In short, postwar readjustment will continue through a considerable part of 1947, relative stabilization of the general price level will probably be achieved, and the stage should be set for full postwar recovery after next year's principal adjustments have been completed.

CONSTRUCTION CONDITIONS

Construction activity will not necessarily participate in the expected recession of general business. Odds are that it will not, but will continue on an increasing scale without serious setback. If this turns out to be true, construction may be the principal sustaining activity tending to moderate the impact of price recession on the general business structure. Construction could possibly share this moderating role with the automotive industry, another one

with the tremendous backlog of unfilled demand.

Partial relaxation of construction controls and liberalization of the permit system, which still sets limits on nonresidential projects, were announced by the President on December 14. With the announcement came a modification of the ceiling-rent limitation on rental housing and the promise of financial measures to stimulate this important class of building. The same announcement indicated that further modification of controls would be made as the material supply situation improves.

Removal of material price controls has already stimulated increased production of many scarce items. It has resulted in a number of price increases, over present ceilings, but to levels lower than black market prices. Materials in approximately balanced supply will stabilize quickly. The few items that may show marked price increases will not necessarily count heavily in total construction costs. Construction costs are rising somewhat above recent theoretical levels indicated by published index numbers. Elimination of the numerous abnormal costs engendered by controls will give the industry considerable leeway in adjusting itself to free-market conditions. Controls have been causing the in-

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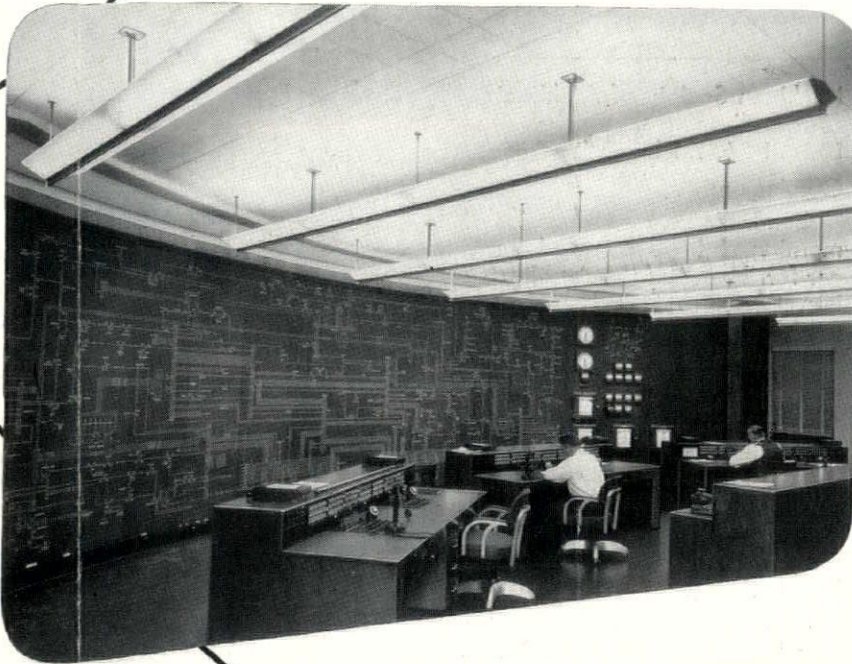
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the U.S. Bureau of Labor Statistics our estimates for the entire nation give the following results: 750,000 units for 1946; 1,000,000 units for this year.

The current figures on dwelling units in the 48 states, published by the U. S. Bureau of Labor Statistics, consist of estimates based upon building permit records. There is no simple way of reconciling these estimates with the factual statistics recorded by Dodge.

The conservatively estimated 1,000,000 units for 1947 obviously implies that the quota set for this year by the former Housing Expediter will not be reached. The 1946 quota of starts was made approximately at the expense of stretching out completion time of most projects to double, or more than double, that ordinarily required. A sizable portion of the year's material supply will be required for completion of large numbers of residential and nonresidential projects started in 1946. Builders will want to make a better

record on completions next year than has been possible in 1946, if they are to expand their operations.

With recession in farm prices next year, total farm income is likely to decline; this may tend to reduce building volume, as compared with 1946. While there is still, in all probability, a very large backlog of needed repair and alteration work, it is likely to decline somewhat in total volume in 1947.

As usual, Dodge advance estimates aim to be conservative, in order to furnish what is believed to be a safe guide for production and sales planning by business organizations in the construction field.

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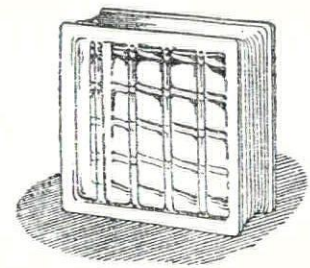
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dustry, against its will, to price its product out of some of its markets. Elimination of controls is enabling the industry to reduce that danger.

Most construction materials will progress from sellers' markets into buyers' markets during the course of 1947 and material supply will cease to be the major bottleneck. The major bottleneck will be shortage of skilled labor. While apprentice training has been stepped up, and many building trades unions have recruited new members, recruitment has not kept pace with needs in a number of important trades. Top officials of the American Federation of Labor publicly stated some weeks ago the view that the cost-of-living rise has nearly reached its peak, and the view that increased labor efficiency is essential for increased production and for justification of the wage increases that have been gained. If this philosophy is accepted widely by local building trades unions, labor disturbances in the building trades should not reach serious proportions. Manpower shortages normally tend to much overtime pay, bonuses and to low productivity, cost factors which must be measurably overcome if construction activity is to be sustained at expected levels.

1947 CONSTRUCTION ESTIMATES

If general economic conditions turn out approximately as described above, the prospect would be for considerably greater increases in residential building than in nonresidential building or heavy engineer-

ing construction. This is likely to be true with controls removed and even with preferential treatment for housing projects eliminated.

Although a number of important industrial corporations have plant expansion programs which have not yet been started, a reduced volume of manufacturing plant construction seems likely in 1947. The recent break in stock-market prices, the anticipated break in commodity prices, the possibility of some recession in general business activity, the prospect for narrow profit margins in the adjustment year and uncertainty as to the labor situation all tend to discourage aggressive expansion programs and to postponement of decisions.

These factors also influence commercial building activity, for which only a moderate increase is estimated.

In view of pressing needs for community improvement and the anticipated betterment of the supply situation, moderate increases over 1946 are estimated for the various classes of community, public and institutional buildings and for public works. An estimated marked increase in public utility construction reflects the great pressure of expansion needs in this field.

While the prospect of general business recession has prompted talk of federal stimulation of public works, there is serious question as to whether such a course would be necessary or desirable. Odds favor continuation of effective private construction demand on such a scale as to make greatly enlarged public works programs unduly competitive for materials and labor in the 1947 market.

Residential building is estimated to increase 38 per cent in dollar volume over the final 1946 total. This estimate assumes an approximately uncontrolled market during most of 1947. The large estimated increase in apartments and hotels is predicted on the assumption that new construction will be completely exempted from rent ceilings. Rent ceilings have been and continue to be principal deterrents to apartment buildings. It has been conclusively shown that increased supply of rental housing is the most urgent need in the whole housing shortage situation both as it affects veterans and non-veterans.

Individual investors planning to build or buy single-family houses are less apt to be deterred by temporarily unfavorable business conditions than are prospective investors in commercial or industrial projects. According to published index numbers, the construction cost of brick and concrete apartment and hotel type buildings was 42 per cent over the 1939 average in November of 1946, brick houses were 62 per cent over prewar, and frame houses were 67 per cent over prewar. If such differentials as these persist after deflation of present abnormal cost factors, they will

constitute a strong factor favorable to apartment house building.

F. W. Dodge Corporation's record showed for the 37 eastern states an overall total of 353,748 units contracted for during the first nine months of 1946. They included suites in apartment house building, two-family houses, and in combination buildings, single-family houses (including those built on owners' order for owners' occupancy and those built for sale, or rent) and new suites created by conversion of existing buildings. They did not include demountable structures moved to new locations. These were all actual projects reported and verified by the Dodge field staff, and included no estimates.

We anticipate that final figures for dwelling units constructed in the 37 eastern states in 1946 will be in the neighborhood of 465,000.

For that same area, we estimate that 630,000 actual projects will be completed during 1947. This indicates 35 per cent advance in total units over 1946, compared with a 38 per cent estimated increase in dollar volume. It is estimated that unit costs of comparable buildings may average somewhat higher in 1947; also that more higher-quality, higher-priced units will be included in the 1947 program.

ONE MILLION DWELLINGS ESTIMATED FOR 1947

Translated into figures comparable with the 48-state figures regularly published by

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Michigan Engineering Society

Proposed amendments to the Registration Act as prepared by APELSCOR to overcome the weaknesses in the Michigan law, brought out by the action of the Illinois State Supreme Court in ruling the Illinois act unconstitutional have been presented by George Francis, director from Saginaw and chairman of APELSCOR. The amendments are in essentially final form and represent a lot of hard work. The Board adopted a motion approving the amendments. The Michigan Engineering Society will sponsor the amendments in the present session of the legislature as soon as a final detail or two are completed. The Board adopted a motion of commendation for the work of Mr. Francis and his committee.

In view of the importance of the present legislative session to the architects, engineers, and surveyors in Michigan, considerable discussion has been held regarding legislative problems. President L. B. Reid appointed a Committee on Legislation, composed of Claud Erickson, chairman, George Francis, J. H. Foote, Kenneth Black, Otto Hess, Watts Shelby, and L. B. Reid.

Mr. John C. Thornton, A.I.A., past president of the Michigan Society of Architects, is a member of the Board of Directors of the Michigan Engineering Society.

Booth Fellowship

The College of Architecture and Design, University of Michigan, announces that the George G. Booth Travelling Fellowship in Architecture will be offered again this year, and the competition in design will be conducted during the two weeks beginning April 5, 1947. This competition is open to all graduates of the school who have not reached their thirtieth birthday on that date. Prospective candidates should write to the office of the College of Architecture and Design, University of Michigan, at once.

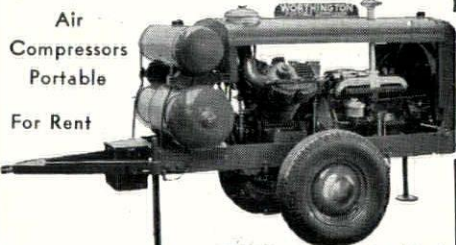
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Hannan, Architect of Month

Charles D. Hannan, A.I.A., of Farmington, Michigan, has been named the tenth local architect to be honored by Kern's Civic Center for Home Planners in their "Architect of the Month" series of designs. Mr. Hannan's design will be on display the entire month of February and the public is cordially invited to view this display as well as other home planning material in Kern's Civic Center for Home Planners, ninth floor of the Ernst Kern Company, without charge.

Mr. Hannan predicted "that utility is something Mrs. Housewife demands in the work area; namely, an efficient kitchen and automatic laundry with plenty of storage space as a 'must'. The truly modern house should incorporate all of these features. G. I. Joe can be relieved of many chores such as putting up and taking down storm sash by the use of hermetically sealed glass panels with fixed bronze screened ventilating sections. Snow and ice can be removed from the walk by running a hot water pipe in the concrete; this can be operated from the boiler if a hot water radiant heating system is used.

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Mr. Hannan received his architectural training in the Detroit office of Albert Kahn, Smith, Hinchman and Grylls, and George D. Mason and supplemented this with study at the Detroit Institute of Technology and University of Detroit for architectural and structural engineering and the Beaux Arts for architectural design.

Part of every year, Mr. Hannan spends in painting with oils and water color, having exhibited with the Michigan Artist and at the present time he has a permanent exhibition of his work in oils and etching at the Dearborn Inn, Dearborn, Michigan.

Kern's Civic Center for Home Planners which is sponsoring these "Architect of the Month" series, is a daily free service open to the public during all of the store hours. Here, the would-be home owner or planner may study at his leisure, listings of properties for sale, houses to build, floor plans, and literature on all types of building materials are at the disposal of the public. The latest magazines on home planning are furnished for display and are for your convenience. Comfortable chairs are offered for your comfort and you may stay for hours and study all the material presented for home planners. All material is centralized in this Kern's Civic Center for your convenience.



HANNAN

W. E. N. Hunter

W. E. N. Hunter, pioneer Detroit architect, died suddenly at his home in Los Angeles, California on Jan. 4, at the age of 79.

Born in Hamilton, Ont., Feb. 16, 1868, Mr. Hunter was educated there in high school and Hamilton Collegiate Institute. According to the English system, he was apprenticed to architect, W. A. Edwards, moved to Buffalo, N. Y. and then to Detroit, where he was employed by Mortimer L. Smith and Son for seven years. Following this he worked for John Scott and Co., Mason and Rice, and for a brief period in Toledo, Ohio. He returned to Detroit in 1900 and resumed his practice as an individual, doing residential and commercial buildings. Later he specialized in church buildings and did some of Detroit's most creditable structures in that field.



HUNTER

Mr. Hunter retired from active practice in 1939 and went to California in 1943. He had been a member of the Detroit Chapter of The American Institute of Architects and of the Michigan Society of Architects. Survivors are his wife, Jane; one daughter, Mrs. Jesse Hubel, of Montreal; two sons, E. Kaye Hunter, of Plymouth Meeting, Pa., and Don W. Hunter, A.I.A., of Detroit; and a sister, Miss Mabel Hunter, of Hamilton, Ont.

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MICHIGAN SOCIETY OF ARCHITECTS

VOLUME 21, NUMBER 8, FEBRUARY 25, 1947

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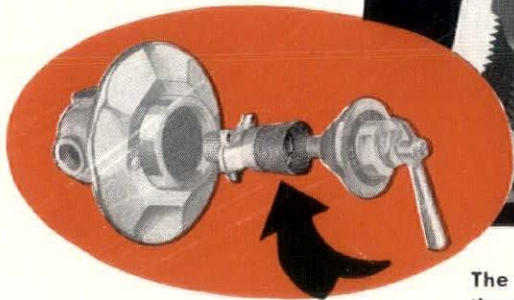
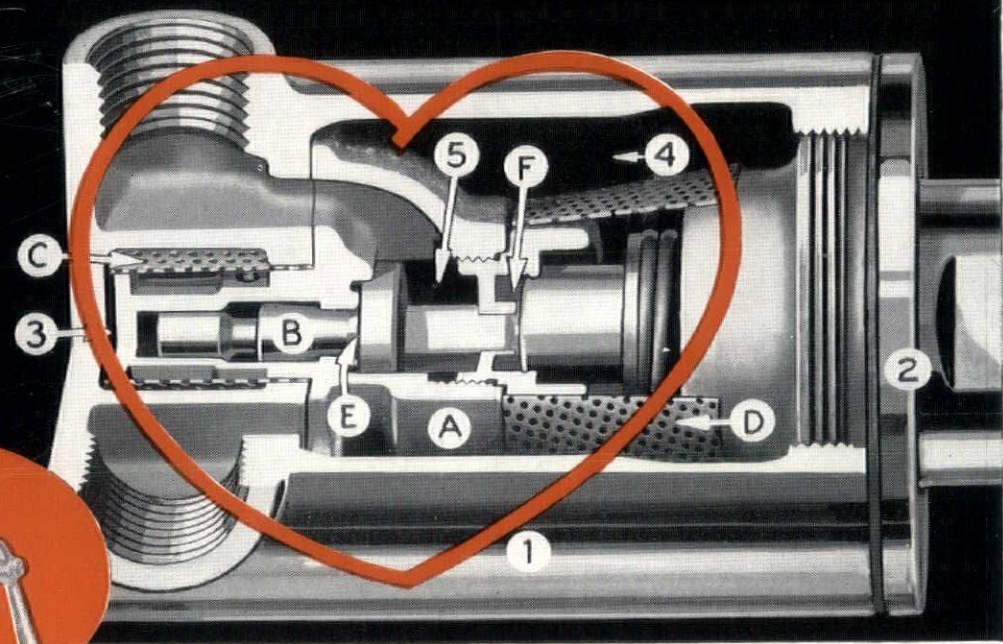
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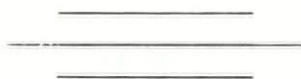
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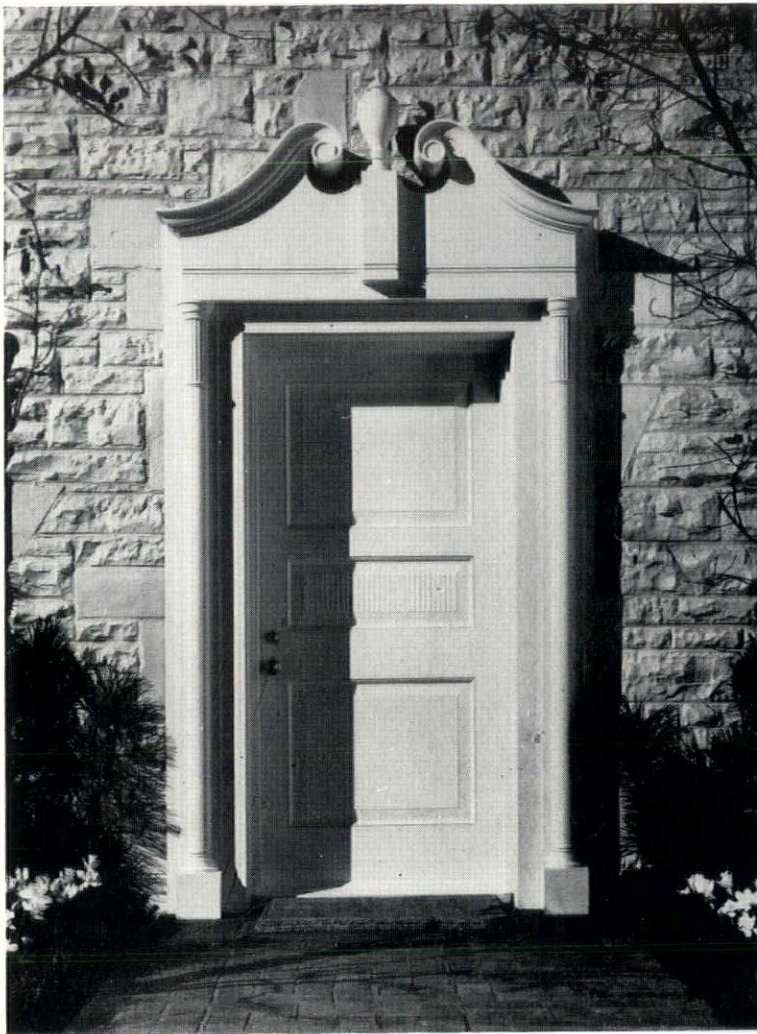
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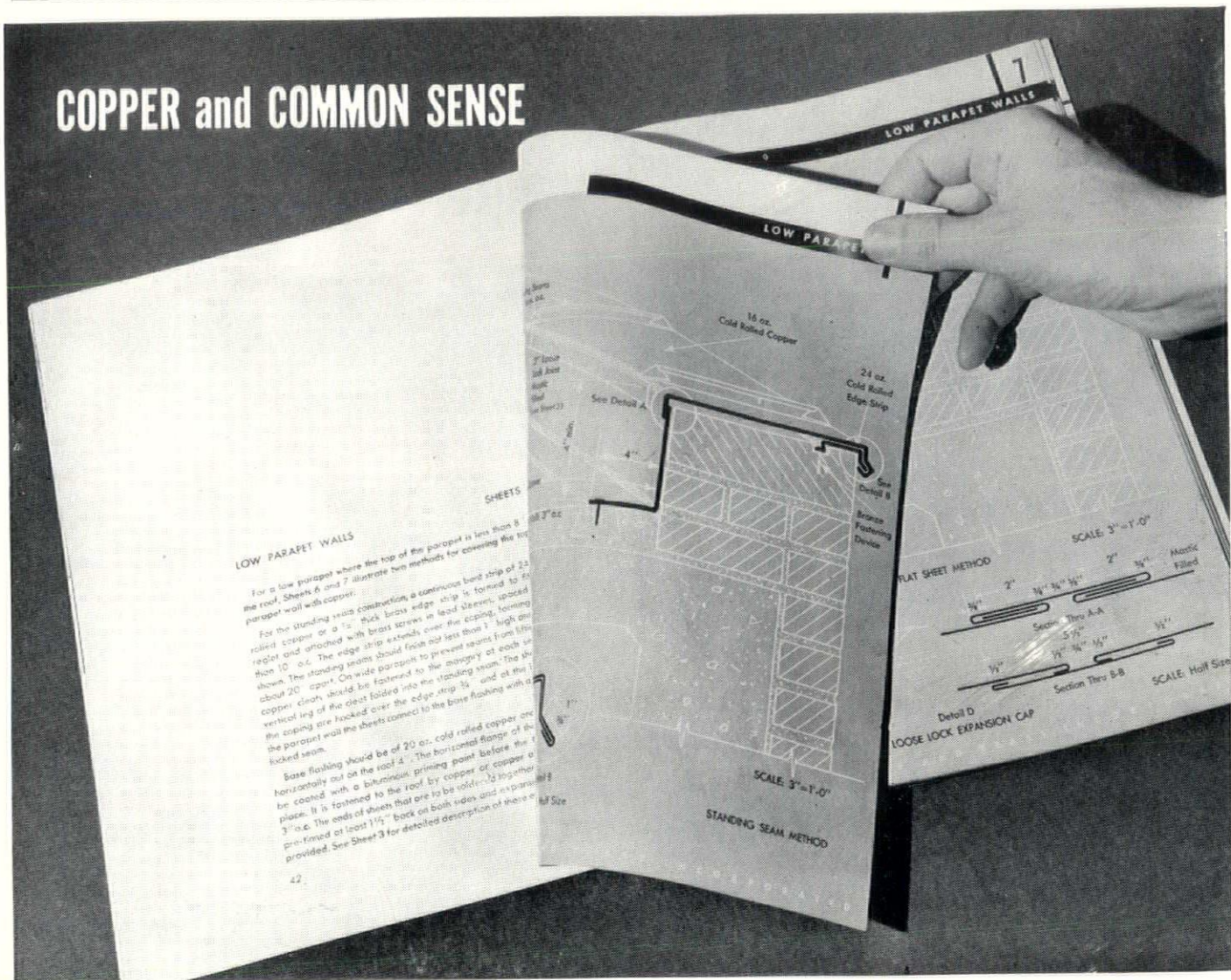


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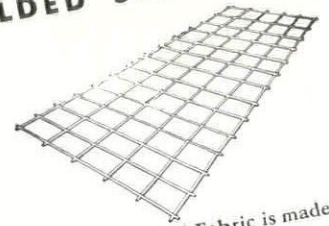
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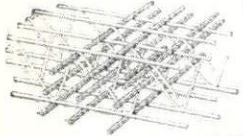
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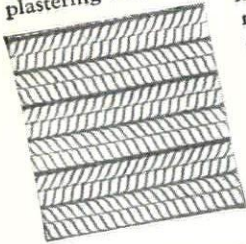
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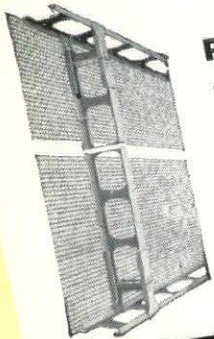
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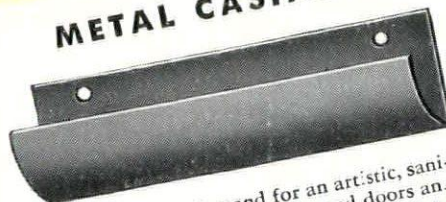
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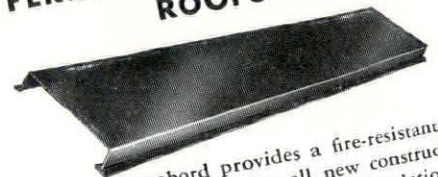
Recommended as an exposed corner reinforcement. The round nose is strongly reinforced by a deep groove which holds the plaster flush for a perfect bond. It can be wired, stapled, nailed or stuck to any kind of wall construction without the use of clips.

METAL CASINGS



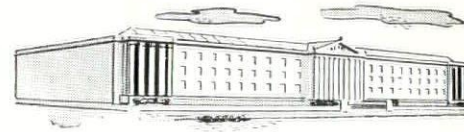
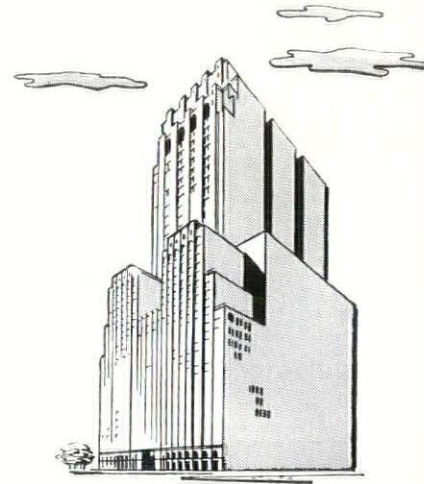
Meet a definite demand for an artistic, sanitary method of trimming around doors and windows. Afford many architectural effects. Metal casings are fire-resistant, vermin proof, easy to maintain and do not shrink or warp.

FERROBORD STEELDECK ROOFS



Truscon Ferrobord provides a fire-resistant, economical roof deck for all new construction or replacements. Covered with insulation and waterproofing, it weighs approximately 5 pounds per square foot.

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Type
of
Office
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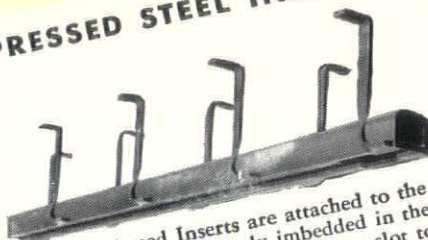


CURB BARS



Protect exposed corners of concrete curbs, walls, steps, etc. Designed to give positive anchorage into the concrete. Plate surrounds and protects the corner without splitting concrete into two portions.

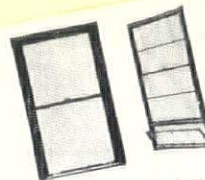
PRESSED STEEL INSERTS



Truscon Slotted Inserts are attached to the forms and are completely imbedded in the concrete. Bolt can be moved along slot to any location, allowing wide variation in position. Used in ceilings, slabs, beams or columns.

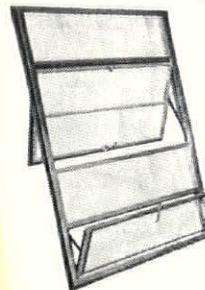
DOUBLE HUNG WINDOWS

In Two Types —
Series 1380 and Series 46



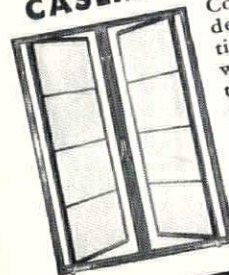
Series 1380 Windows are equipped with positive action motor-spring type balances and completely weatherstripped with spring bronze. Available in single units or in integrally built twin, triple and panoramic window units all are available with or without sill ventilators. Series 46 windows are of the counterweighted design. They are especially adapted for use in office and public buildings or where Underwriter's label of approval is required. Single or twin units may be had in either standard or special sizes and are available with or without sill ventilators.

ARCHITECTURAL PROJECTED WINDOWS



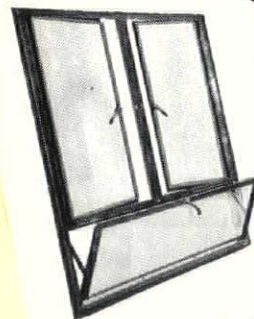
Attractive in appearance and convenient to operate. Provide maximum daylight, ventilation and freedom from drafts. Heavy one-piece casement type sections in ventilator assures rigidity. Hardware is solid bronze. Screens and underscreen operating hardware are available for all ventilators.

INTERMEDIATE CASEMENT WINDOWS



Constructed of specially designed one-piece sections throughout. Accurate weathering is assured through the final cold-rolling of sections to produce positive contacts between weathering surfaces. Hardware is solid bronze furnished in medium statuary finish.

INTERMEDIATE COMBINATION WINDOWS



Incorporates sided hinged casements and projected ventilators in one design. Fabricated from specially rolled steel casement sections substantially heavier than the minimum Metal Window Institute standard weights. The wide selection of sizes add to the adaptability of the window to a wide range of architectural use.

Will be *Better* with these Truscon Steel Building Products

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Listed on these pages are some of the Truscon steel products for buildings. Note how well they fit into your plans and how they can be used to create beauty and durability. All of these items are factory made. They reach your job complete, accurate, ready to slip into place fast, without fuss or delay.

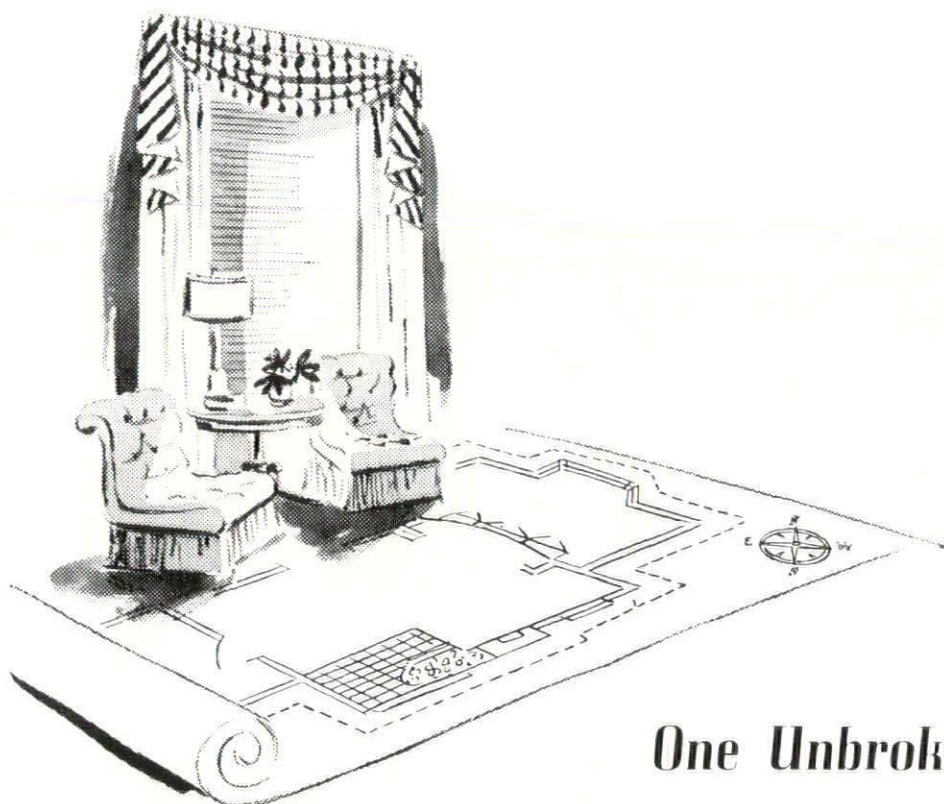
At the moment, not all of these products are immediately available. But we are bending every effort to make them so. In the meantime, plan to make Truscon your major source of supply. That way you can be sure of time-proven steel building products and practical engineering assistance.

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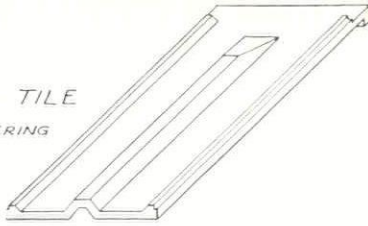
FISHER

BUILDING

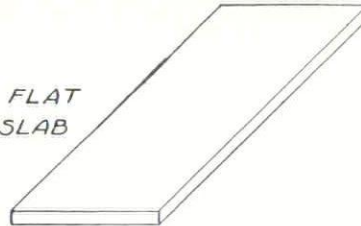
DETROIT,

MICHIGAN

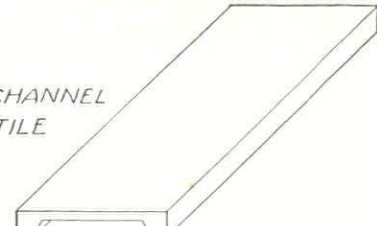
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SLAB



CHANNEL
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Announcement--

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Detroit City Engineer
Geo. F. Diehl
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YOU have been patient with us—you realized that war building demands increased enormously the need for this very practical and economical roof construction.

We appreciated your patience then and your many evidences of cooperation in assisting us to get the work out. We determined then to put into effect every device, equipment and method to bring the production and erection of Pre-cast Cement Roof Tiles back to normal as soon as possible.

We have succeeded and we can now give you a closer approximation of the old pre-war service in Flat Slabs, Channel Tile and the self-weathering Red Rib Tile.

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Leslie M. Lowery
Malcomson, Higginbotham
& Palmer
Geo. D. Mason
Harry L. Mead
Mildner & Eisen
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McGrath & Dohmen
John McKenzie
Chas. Noble
O'Dell & Rowland
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PROGRAM

MICHIGAN SOCIETY OF ARCHITECTS THIRTY-THIRD ANNUAL CONVENTION

The Morton House, Grand Rapids

FRIDAY, MARCH 7, 1947

8:30 A.M.—Meeting of the Board of Directors,
Breakfast at The Morton House

9:00 A.M.—Registration, Mezzanine Floor

10:00 A.M.—Official Opening of Business Session
Appointment of Tellers on Election of Officers
Greetings to The Convention by the President,
Roger Allen
Minutes of the last Annual Meeting, as published in
the Weekly Bulletin of March 26, 1946
Reports of Officers and Committees, as published in
the Weekly Bulletin of February 25, 1947
Report of Treasurer, Kenneth Michel
Announcement of Auditors, previously appointed, for
Treasurer's Report
Report of Tellers on Election of Officers
Installation of Officers
Report of Auditors on Treasurer's Report
Other Business

12:30 P.M.—Luncheon Hour—No organized luncheon or program
scheduled

2:00 P.M.—Business Session
President Adrian N. Langius, Presiding
Panel Discussion—"The Architect's Relation with
Municipal Building Departments"
Leader: Mr. Ralph E. Seeger, City Building Inspector,
Grand Rapids
Speakers: Mr. Paul Gerhardt, Jr., City Architect,
Chicago; Mr. Joseph P. Wolff, Commissioner,
Department of Buildings and Safety Engineering,
Detroit

4:00 P.M.—Panel Discussion:
"What can the Architect do to Solve the American
Housing Problem?"
Prof. Ralph W. Hammett, in Charge.
Leader: Professor John Hyde
Speakers: Messrs. George Brigham, Alden Dow,
Charles Noble, Henry F. Stanton, Otis Winn.

Adjournment of Business Sessions

7:00 P.M.—Banquet, Banquet Room—Informal
President Adrian N. Langius, Presiding
Toastmaster: Mr. Clair W. Ditchy, F.A.I.A.
Speaker: Mr. Roger Allen, A.I.A., Retiring President
of the Michigan Society of Architects

SATURDAY, FEBRUARY 8, 1947

10:00 A.M.—Visit to the Exhibition of the Grand Rapids Furniture
Guild

12:30 P.M.—Luncheon Hour—No organized luncheon or program
scheduled

2:30 P.M.—Viewing of the Architectural Exhibition, "The Architect
in the Modern World", at Grand Rapids Civic
Auditorium

ADJOURNMENT OF CONVENTION

NOTE: The public, including ladies, will be welcome at all
sessions.

FEBRUARY 25, 1947

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THIRTY-EIGHT YEARS
OUTSTANDING CONSTRUCTION SERVICE

Weekly Bulletin

Volume 21, No. 8
Talmage C.
Hughes, F.A.I.A.
Editor
120 Madison Ave., Detroit 26, Mich.

Feb. 25, 1947
William W.
Schumacher
Adv. Mgr.

Entered as second-class matter, Jan. 15, 1946, at the Post Office at Detroit, Mich., under the Act of March 3, 1879. Published Weekly. Subscription Price: 50c per year. (Non-members \$1.00) 5c per copy. Special Numbers \$1.00

"EX" MARKS THE SPOT

By Roger Allen, Ex-President MSA

It is a great pleasure to arrive at the goal of my ambition. My ambition is fairly modest; I just want to be "ex" practically everything. Up to a certain point, that is; I have no desire to become ex-living. No, I want to be ex-officer of anything you can mention. I am making out pretty well, too; I am about to become ex-president of the Michigan Society of Architects, and I am already occupying the enviable position of ex-senior warden of St. Mark's Episcopal cathedral in Grand Rapids. I am also an ex-fat man, and ex-speaker to luncheon clubs, PTA's and embalmers' conventions. I am also an ex-worrier about stuff. I have managed to let the world slide off my shoulders; it got tiresome worrying about everything that happened in this country, Europe and Asia. It was interfering with my Art.

I am earnestly trying to become an ex-listener to stories of a gravity-re-moving nature that I heard eight years ago come Tuesday, but this will take more time. Rome was not built in a day. I have read that remark before, somewhere.

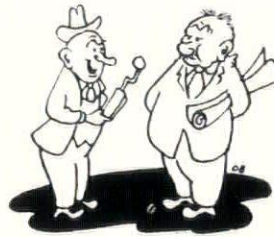
Naturally it requires more work to become ex-some things than to become ex-other things, as you can readily see. For instance, it was no trouble at all to me to become an ex-early riser and an ex-snow shoveller. Ex-early rising is easy and profitable work, but the profession is too crowded. Everybody wants to be an ex-early riser. The ex-snow shovelling was not hard either because a fellow who lived not half a mile from me in Ottawa Hills was kind enough to get his name in the papers by dropping dead right after shovelling off his driveway and it was a simple matter for me to leave 12 or 15 copies of the papers around the house for my wife to read.

I not only like to become ex-anything myself but I am helpful about helping other people to become ex-stuff, too. For instance it is easy for anyone to become an ex-conversationalist when I am around, as you may have noticed. You would, of course, be too polite to bring this up yourself. I hope.

Naturally it is a greater pleasure to me to become ex-president of the MSA than almost anything you could think of, because there was a certain element of danger in that post. I succeeded Jack Thornton, the Royal Oak lapidary. (I may say that a lapidary is a person interested in polishing gems, and not a person with an un-

MICHIGAN SOCIETY OF ARCHITECTS THIRTY-THIRD ANNUAL CONVENTION RESUMES FORMER SCHEDULE

When the Michigan Society of Architects convenes in Grand Rapids on March 7 and 8, 1947 the theme song might well be "Happy Days are here again." This will be the first occasion since before the war that a full-scale Society convention has been held. How well we remember the way Grand Rapids architects used to entertain the state group, with good fellowship galore, entertainment, meetings that run smoothly, and all the other features that make for a successful convention.



Architect: "Now, if you'll give me a general idea of the kind of house you need."

Client: "Well, we want something to go with an antique door knocker my wife brought home from Mexico City."

usually large lap. You no doubt know what happens to your lap when you stand up? It sneaks around to the back and pops up under an assumed name.) Mr. Thornton had built up the treasury of the Society to an astonishing extent, and he warned me that if I went out of the office with the treasury depleted he would grind up a handful of diamonds and place same in my apple strudel. This will not happen now, as we have more money than when I started.

It has been a great experience, being President of this Society, because if there is one class of people that I like to associate with more than others, it is architects. All architects are nice, but Michigan architects are even nicer. Before I became an ex-speaker and ex-toastmaster (although I am not quite absolutely "ex" in either capacity) I was very much exposed to after dinner speaking of all varieties, and it is my firm and well-considered opinion that architects talk less nonsense than the members of most professions. This is important. In my opinion the average after-dinner speech has done more to stamp out insomnia in this country than all the sleeping tablets Parke-Davis ever sold.

Thank you, all of you, for being so helpful to me and to all your officers in the past two years. It is a real pleasure to me to have served as your President, and it is not an even greater pleasure to turn over the affairs of the Society to a successor for whom I have so high a regard as I have for Adrian Langius.

Good luck to all of you.

The old-timers will also recall the delightful trip from Detroit by train. This year the Pere Marquette will carry a special car for the Detroit Delegation, attached to the streamliner, leaving Detroit at 5:15 p.m., March 6, arriving Grand Rapids at 7:55. Returning, the car will leave Grand Rapids at 5:30 p.m., March 8, and arrive Detroit at 8:05. Dinner will be served on the train both ways. Those desiring accommodations of this kind should send their checks in the amount of \$7.42 to Mr. R. E. Ivory, General Agent, Passenger Division, 802 Lafayette Building, Detroit 26. Mr. Ivory will then send tickets by mail.

Room reservations should be made direct with the Morton House, in Grand Rapids. It is estimated that the Detroit delegation, and members of the Board from elsewhere will number about 50. This is all that the hotel can take care of on the night of March 6, so only the first 50 requests can be honored. The Board of Directors will hold its annual meeting on the morning of March 7, a breakfast at the Morton

See CONVENTION—Page 17

EDITOR'S NOTE

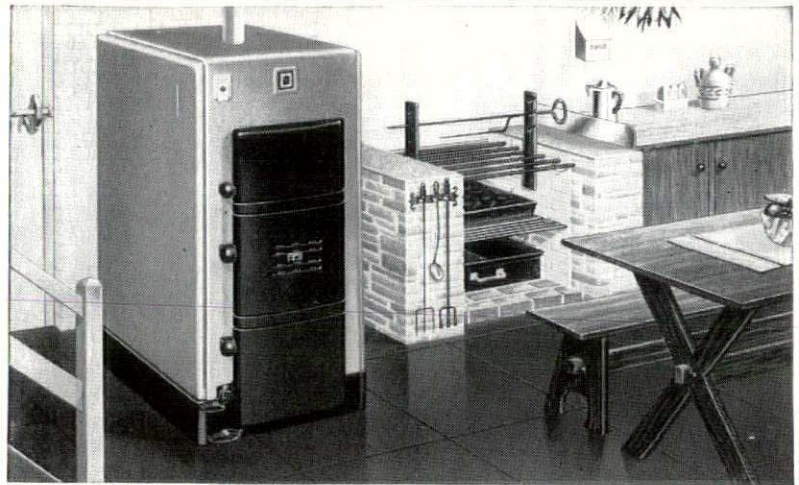
Each time we try to write something about Roger Allen we start out by feeling that we have already said all, but when he has reached new heights of architectural statesmanship we have to reach for new superlatives. Have never wished him any harm but we hope that he grows up to be Regional Director of the Institute's Great Lakes District.

On a visit to Grand Rapids, that city of people just as busy as anywhere else but where they always have time for the niceties of life, it is well to arrive at the Allen establishment about mid-afternoon, for then there will be coffee served by his efficient secretary, Mrs. Ruth Johnson and served up to the staff and visitors. The staff consists of Carl Rudine, Paul Flanagan, Ernie King and the Allens' son-in-law, Irving G. Hunsberger, not to mention the old maestro himself.

Around the Peninsular Club in Grand Rapids Allen is referred to as the fifth column, perhaps because of his daily column, "Fired at Random" in the Grand Rapids Press. Just why some refer to him as the fifth wheel has not been explained. Many of his pieces have become collectors' items, and he himself will be the architect of the month dividing this spring. He has a fountain pen that will write only under water. He sold it to a mermaid for a fin.

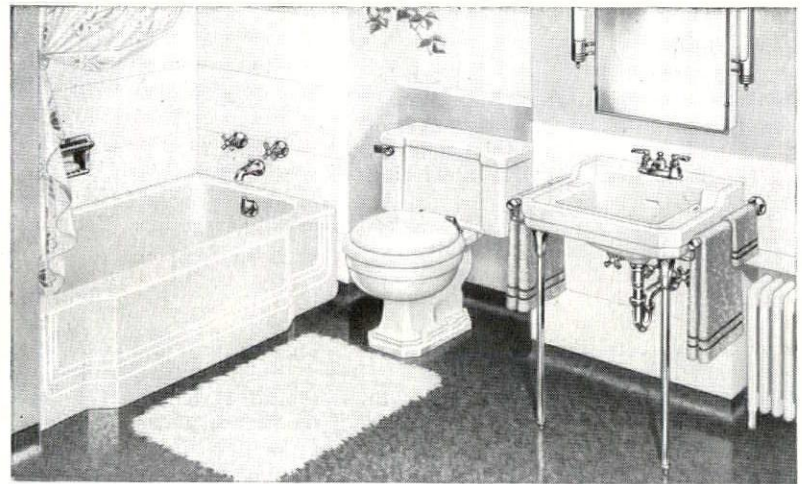
Psychiatrists have convinced one another that a frustration of this sort, must, in the interest of sanity, be sublimated. In this case the subject has made adjustment by concentrating upon astrology.

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Convention—from Page 15

House.

Registration will begin at 9:00 a.m. March 7, on the mezzanine floor of the hotel. Registration will be \$1, the banquet \$4. This total of \$5 will be the complete package. It is necessary to have reservations in advance for the banquet. Return cards will be mailed to members together with the ballots, and early attention is urged. Tickets for the banquet may be picked up and paid for at the entrance to the banquet room.

The architectural exhibition will be a feature of the convention. Held in the Grand Rapids Auditorium, it will be in connection with the Grand Rapids Home Show, current there all that week. It is hoped that this material will be kept intact and made available for the Institute convention in Grand Rapids, April 29, 30 and May 1, 1947. Saturday, March 8 will be given over entirely to visits to places of interest. In the morning delegates will view the exhibits at the Grand Rapids Furniture Guild, and in the afternoon the architectural exhibit will be viewed.

ALLEN RETIRES

Roger Allen, President of the Society will retire at this Convention, after serving for two terms. That he has done an outstanding job is acknowledged by all who have been in close contact with Society affairs. He has been most diligent in his attention to details, and has regularly called meetings of the Society's Board. Mr. Allen has gained a national reputation as an architect as well as a speaker and writer. His selection as toastmaster at the last national convention is testimony of the best sort. All who heard him agree that he did credit to himself and to Michigan. He has also been very much in demand as a speaker at many other architectural meetings throughout the country. His letters and articles in the architectural press have further reflected credit on our state.

Mr. Allen's successor is bound to find a large order to fill, but it is believed that Gus Langius (nominated on both tickets) will give an excellent account of himself. He has served as vice-president of the Society, as well as in other important capacities, including president of the Grand Rapids Chapter of the A.I.A.

In recent years the Society has made great strides, attracting favorable attention of other states, and it is fortunate indeed that its future is assured by an outstanding president and Board of Directors.

ANNUAL REPORTS OF OFFICERS AND COMMITTEES

FOR 1946-47

Michigan Society of Architects Thirty-third Annual Convention

COMMITTEE ON VETERANS TRAINING

Wells I. Bennett, Chairman

On February 21, 1946, the State Office of Education called a Conference of Architects on Apprentice Training for Draftsmen in Dr. Eugene B. Elliott's office in Lansing. Mr. Lee Thurston of Dr. Elliott's office presided. The following architects were present: Roger Allen, Clark R. Ackley, Wells I. Bennett, Kenneth Black, Robert B. Frantz, John Harris, A. N. Langius, Earl W. Pellerin, C. H. Rosa and William A. Stone. Mr. Earl E. Mosier and Marguerite D. McEnaney of Dr. Elliott's office also attended.

At this meeting the general plan of offering apprenticeship training in architecture through the State Department of Public Instruction, the Veterans Administration and the United States Department of Labor was explained in detail. In view of the desire of many veterans to become trained draftsmen and also because of the shortage of draftsmen in architect's office, the development of apprenticeship training for Michigan was approved by the Committee. The following Sub-Committee was appointed to draft a statement of standards and procedures: Wells I. Bennett, Chairman, Kenneth Black, Earl W. Pellerin, John Harris, Watts A. Shelly and William A. Stone.

The Sub-Committee subsequently met and worked out an apprentice program which was published by the State Board of Control for Vocational Education and distributed through the office of Talmage C. Hughes, Executive Secretary of the Michigan Society of Architects. This program has been published in the Weekly Bulletin.

It has not been possible to obtain exact figures as to the number of apprentices who have signed contracts under this program, but it is believed that there is a considerable measure of acceptance both by architectural offices and by apprentices. There have been more applications than could be absorbed in architects' offices to date. The Committee recommends the program to the attention of architects who may be able to use young men as beginners and hopes that it will find wider use as an aid to the draftsman problem. Admission to apprenticeship would be welcomed by young men who may thus acquire the status of architectural draftsmen.

RELATIONS WITH THE BUILDING INDUSTRY

George F. Diehl, Chairman

This committee has had no regular meetings in recent months. It seemed to us, in view of the present chaotic state in the industry, that most of the subject matter under discussion at our former meetings would hardly draw much interest from a group who are at the present time only concerned with how and when circumstances are going to be anything like normal.

The writer attended a recent Builders' Banquet, and I seemed to detect a note of optimism.

The guest speaker of the evening touched upon the industry's problem with labor; and stressed the fact that, in his opinion, better results might be obtained if in most cases the employees were given a more comprehensive understanding of the employers' problems.

I thought this worthwhile mentioning as I believe most of us are aware of the fact that too often the present-day mechanic concerns himself merely with performing his own narrow portion of the work and does not pride himself sufficiently upon being an important member in the building industry as a whole.

Most of the representative members in the building industry seem to feel that there will be a turn for the better in building conditions in the near future; however, this may not take any definite form before the latter part of this year.

At any rate, I think there are a number of hopeful signs on the horizon, and that the architects have a right to hope that they can soon withdraw some of their dusty rows of drawings out of their pigeon holes!

LIAISON COMMITTEE PRODUCER COUNCIL

The Council has had an election recently, and the new officers are:

Dayton L. Prouty, President

M. J. Maley, Vice-President

Louis T. Ollesheimer, Treasurer

Wm. E. Ogden, Secretary

and we bespeak the architects' friendly cooperation in any activities they wish to undertake.

We know these men are all thoroughly capable.

Your committee has had one or more of its members present at practically



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every one of the Council Meetings during the past year. These meetings were all interesting and a number of them were accompanied by illustrated talks on interesting topics.

At the present time the Council is very much concerned about the new modular standards and we understand that the products made according to these standards will soon be in production. I suppose that we will soon be seeing modular brick, tile, sash, bathtubs, etc., etc., in spite of any personal opinion the writer may have; but I can only say, if it is going to come, let's have it soon, and we will try to be very democratic and adjust ourselves.

George F. Diehl
Joseph N. French
Alvin E. Harley

COMMITTEE ON PROFESSIONAL PRACTICE

Leo M. Bauer, Chairman

The Committee has held no meetings during the past year, and only several routine matters have been brought to its attention. They are of such minor nature that a report is considered unnecessary.

The Committee recommends that the incoming administration, through its newly appointed Committee on Professional Practice, engage in an exhaustive study relative to a revised schedule of charges. With rapidly changing conditions it seems to the Committee that the schedule of fees for professional services should be revised. New schedules of charges have been adopted by several other state societies and associations, which are definitely in line with economic trends.

COMMITTEE ON EDUCATION

During the past year the Committee has had no particular assignment and thus has no detailed report to make. There has been no meeting of the Committee.

Both in high school and college education, the resources of the schools of the state have been taxed to their utmost. Teaching staff has been very difficult to obtain. It is to be hoped that the situation brought about by the end of the war and the return of the veterans will improve during the year to come.

Architects will probably agree that drawing, design, and what is frequently included under the general title of "Art" should be encouraged particularly in the primary and secondary schools. The gradual easing of present teaching pressures may make the improvement of such instruction possible. Well organized instruction of this type would benefit the profession of architecture both directly and indirectly. For those who may later become architects or draftsmen, early instruction in drawing would be a great help. For the rest of our people, all of whom use

architecture, some instruction in drawing, design and the history of architecture would be an aid to a broader life and to the appreciation of architecture. This Committee would recommend that the encouragement of grade and high school instruction in Art be endorsed by the Michigan Society of Architects.

John P. Baker
Glenn H. Benjamin
Robert B. Frantz
Donald A. Kimball
Harry G. Muehlman
Earl W. Pellerin
Percival Pereira
Victor E. Thebaud
Wells Bennett, Chairman

M.S.A. REPRESENTATIVE ON THE BOARD OF DIRECTORS OF THE MICHIGAN ENGINEERING SOCIETY

John C. Thornton

Your representative has endeavored to properly perform his duties on the Board of Directors of the Michigan Engineering Society, has attended board meetings when possible, and also was present at the convention last June.

The relationship between the Architects and Engineers is very important to both professions which have so much in common; and your representative has done what he could to improve these relations and has found it a pleasant duty.

Architects are eligible to membership in the M. E. S. and many do belong. We feel that more should take advantage of the opportunity. The annual convention has an outstanding program, many items of which are of particular interest to the Architect.

REPORT OF THE SECRETARY

L. Robert Blakeslee

During the year 1946-1947, the Board of Directors of the Michigan Society of Architects has met with President Roger Allen for seven regular meetings. The meetings have been well attended, and a great deal was accomplished.

Immediately after their election, the new Board members met at the Rackham Building, Detroit, Michigan, on Friday, March 15, 1946, to make plans for the coming year.

The second meeting was held on Friday, June 21, 1946, at the Rackham Building, Detroit, Michigan. At this meeting the practice of inviting out-state architects, registered in Michigan, to become members of the Society, was approved by the Board. Plans for the coming Annual Mid-Summer Conference were discussed. Changes in the State Registration Laws, as proposed by APELSCOR, were presented and discussed. It was decided that no action on the proposed changes should be taken at this time.

On Saturday, August 3, 1946, a meeting of the Board of Directors was held at The Grand Hotel, Mackinac Island, Michigan, as a

feature of the Third Annual Mid-Summer Conference. This was an open meeting, and all architects and guests were invited to attend.

The fourth meeting was held at the Peninsular Club, Grand Rapids, Michigan, on Wednesday, November 20, 1946. Plans for the Annual Convention were discussed. Suggestions were made to further the Apprentice Training Program. Unification in Michigan was reviewed. The relationship of Mr. Fauquier, Mr. Hughes, and the Michigan Society of Architects was studied.

The Board of Directors invited John P. O'Hara, Attorney, and the Publications Committee, to the meeting held on December 11, 1946, at the Detroit Athletic Club, for the purpose of discussing the situation which had arisen between Mr. Fauquier, Mr. Hughes, and the Michigan Society of Architects. Plans for the Annual Convention were made, and Mr. Hughes was appointed Convention Manager. Nominating Committees were appointed. Revised proposed changes to the Registration Act by the APELSCOR Committee were presented, and discussed.

The meeting on February 7, 1947, at the Detroit Athletic Club, Detroit, Michigan, was called for the purpose of completing plans for the Thirty-Third Annual Convention of the Michigan Society of Architects.

The March meeting will be held in Grand Rapids, Michigan, preceding the Thirty-third Annual Convention, for the purpose of closing the Society's books.

In addition to aforementioned meetings, the Society held its Third Annual Mid-Summer Conference at The Grand Hotel, Mackinac Island, on August 2 and 3, 1946. Some 150 architects, producers, their families and friends, attended. The Small House problem was discussed, and active participation in the low-cost housing field was encouraged. The Veteran's Training Program was thoroughly discussed and participation encouraged. The social side of the convention was highlighted by the cocktail party given by Messrs. Martin and Davis, of Portland Cement Ass'n.

Your Secretary closes his term of office at the Society's Thirty-Third Annual Convention, with an expression of thanks to the other Board members for their splendid cooperation, and with best wishes to the Michigan Society of Architects for its continued growth.

In Memoriam

The following members have passed away during the past year.

Balle, August W.
Davenport, Harold D.
Homer W. Harper
A. W. Esslinger
Goodrich, William F.
W. E. N. Hunter
Marr, Richard H.
Rowland, Wirt C.

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Above is shown domiciliary Building No. 2 (250 beds), at Michigan Veterans Facility, Grand Rapids, for the State Administrative Board; Strom Construction Co., General Contractors.

Below is a view of Women's Dormitory (accommodating 250), at Central Michigan College of Education, Mount Pleasant, for Michigan State Board of Education.





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Another Allen job is that of the recently-completed Domiciliary Building No. 1, shown above, for the Michigan Veterans Administration, at Grand Rapids. It also has 250 beds. Spence Brothers, of Saginaw, were contractors.

BELOW: The retiring president is shown with the president-elect and Maj. W. G. Graham, Adjutant, Michigan Veterans Facility, in the lobby of Building No. 1.



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Recognition of the woefully inadequate facilities for the housing of the departments and functions of State Government was taken by the legislature in 1937 when a statute providing for the creation of a State Capitol Building Commission to determine the extent of needed state buildings and grounds and to prepare a master plan for their development was enacted.

In 1943 the Commission was reorganized by the Governor who appointed Vernon J. Brown, the Auditor General to serve as ex-officio representative in his stead. The new commission immediately undertook its study into the needs of the State for additional office space and facilities, commissioning for this purpose the Architectural and Engineering firm of Smith, Hinchman & Grylls, Inc., whose experience and staff were adjudged to be qualified for this task.

Subsequent to meetings for consultation with the architectural firm the Commission received at its meeting on January 29, 1945 the formal report of the architects and engineers, the Commission unanimously agreeing to the recommendations presented.

Reporting on February 1, 1945 to the Governor and the members of the legislature on its progress, the State Capitol Building Commission revealed that of the many exhaustive studies presented by the architects and engineers, they had selected a single plan as the basis for a development which could be accomplished on lands owned by the State or in the process of acquisition. This plan accentuates the present capitol

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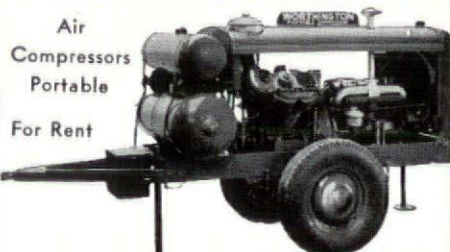
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position majestically at the head of Michigan Avenue without encroachment of new structures, conflict in design between the old or proposed new structures and with an unobstructed view from the West Michigan Avenue approach.

Recommended by the architects and engineers was the construction of an office building or buildings on the four block site west of the Capitol, embodying all of the latest approved thoughts in use of office building space and materials to provide for the most efficient functioning of agencies. Recommended also is the construction upon this site of a building to house the Supreme Court, the Attorney General and the State Law Library, a building to be designed to serve as a State Museum and repository for historical archives and a State Library Building designed to house the volumes and functions of a state-wide service and to provide for the annual increase of some 25,000 volumes a year.

With respect to car parking the report recommends limited on-Site parking adjacent to buildings for visitors and a car pool garage for state cars required in the business of the various agencies, this garage to accommodate about 500 cars. Further recommended was the purchase of additional adjacent land for employee parking if the legislature should so desire, purchase of this land would make available for possible future building requirements, land that is integrated with the general plan. The car pool garage and executive parking space was proposed in the plan selected by the Capitol Building Commission as underground in the four block area West of the Capitol Building, with parking for the State Office Building provided for in the proposed acquisition of the half block of land immediately back of the present office building.

The report of the architects and engineers indicated a recommended order of construction for these buildings and suggested that cooperation from the City of Lansing be obtained in clearing the sites and rehabilitating the city-owned Prudden Auditorium.

In the session of 1945, the Act #263, to implement the establishment of a State Office Building Commission, was passed. The first meeting of this Commission was held on June 6, 1945. Subsequent meetings in June and August saw by-laws and committees established and the selection of Smith, Hinchman & Grylls, Inc., as architects.

The Supreme Court Building was viewed as being of first urgency to house the Supreme Court, the Attorney General's Department and the State Law Library and accordingly a committee composed of the Attorney General, the Law Librarian and a member of the Supreme Court was formed to counsel with the architects in establishing a program of requirements for this building.

Withdrawal of the Unemployment

Compensation Commission from the Lansing program by the State Administrative Board after submission of the report on requirements by the Capitol Building Commission reduced office building requirements by 70,000 sq. ft. permitting the inclusion of the proposed Historical Commission building in the four block site and making available space behind the State office building for a 500 car pool garage, enabling a considerable saving in requirements for the proposed underground garage on the new site which will now be limited to executive cars.

The architect's report on development to date was received by the Commission on December 3rd and embodied a model constructed to the scale of 1/16" = 1' - 0", indicating the arrangement of buildings and the site development proposed for the four block development west of the Capitol and delineations and floor plans for the Supreme Court and two office buildings.

The site plan for the four block area proposes:—

- a. Supreme Court Building
- b. The Allegan Office Building
- c. The Ottawa Office Building
- d. A Museum and Archives Building
- e. Underground Parking

Detailed plans were submitted for all of the above except the Museum and Archives Building. Incomplete at this time also were the study plans for alterations proposed in the Capitol Building. The State Library and the Car Pool Garage, recommended for construction west of the present office building, are not developed.

THE NEED

In the course of the study and presently it is found that the State occupies rented space in 16 buildings in and about the City of Lansing—space equal to one half of all space utilized by the State at Lansing. The rental cost of this space reaches the sum of approximately \$200,000.00 yearly and still the agencies are not adequately provided for. The study further indicated that while rented quarters represent 50% of presently used space, this rental figure would be increased approximately \$67,000.00 per year if relief were provided crowded quarters in the Capitol Building and the State Office Building only. It is expected that rental costs will rise in a considerable amount over the next several years in view of the serious shortage of available office space in the city of Lansing and the ever-increasing demand for such space rises which the State must meet in competition with privately conducted business.

The scattering of agencies about the City of Lansing and the crowded conditions in both the State-owned buildings and rented space contributes to inefficiency in the conduct of State business, which while difficult to assess as to dollar cost, undoubtedly represents many thousands of wasted dollars each year. Equally difficult of assessment is the cost to the public imposed by agencies which in some cases are

scattered in as many as seven localities.

The Capitol Building, over 67 years old and of non-fireproof construction, cannot be efficiently used for its primary functions because of overcrowding and use of parts of the building for office purposes which are not adaptable or suited to such use. Encroachment of office functions on this building prevent the acquisition of needed committee room facilities by the House and Senate. The effect that the lack of adequate committee and hearing rooms has had upon the efficient conduct of the legislative functions of the State is well known to both the House and Senate as indicated by efforts to compose and simplify committee requirements.

The State Law Library, recognizedly one of the best in the country, is inadequately housed in the Capitol Building where it is difficult of access, subject to destruction by fire and unable to provide for needed expansion.

Similarly, the State Library housing volumes in the State Office Building occupies needed office space which is ill-adapted for library functions and should be provided quarters designed for library use, capable of accommodating not only its present books but those added constantly to maintain its high standard.

The Museum maintained, until recently, in the State Office Building by the Historical Commission has been forced by demands for space from the State Building into a residence on Washington Avenue. Irreplaceable museum material is presently stored in a privately owned garage and the important archives collection in the State Garage. Recommendation is made that the material of the Historical Commission providing a nucleus of museum material of a State rich in historical lore be housed in a building specifically designed for that purpose and conveniently accessible to the public.

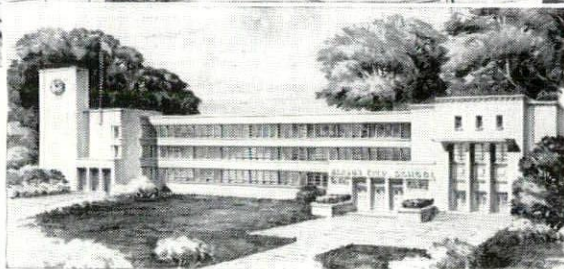
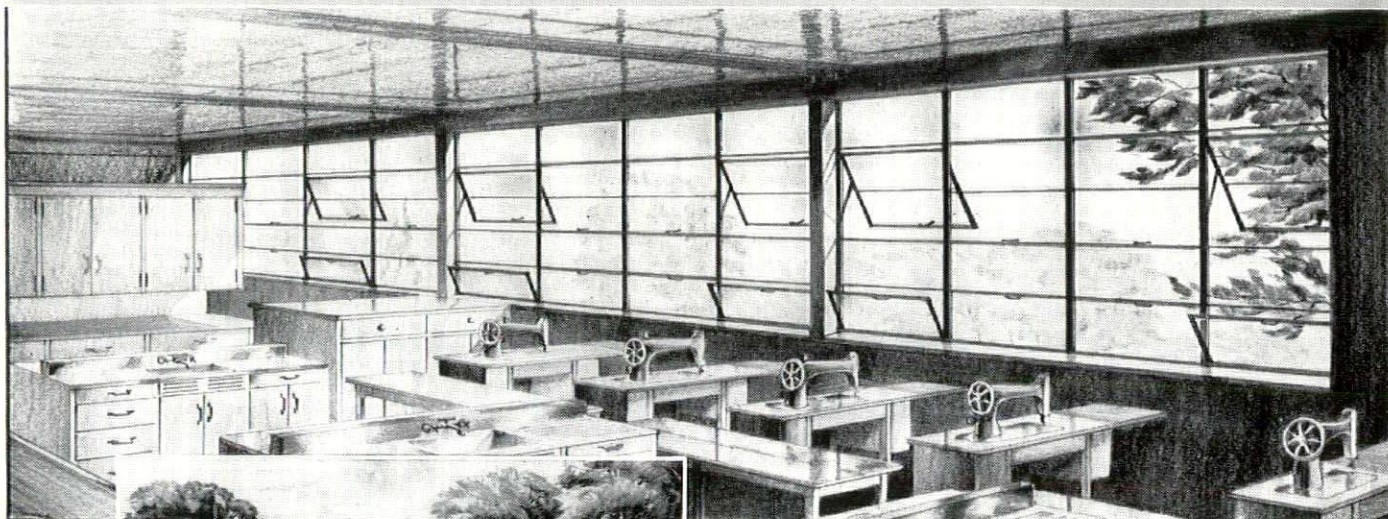
Acutely felt at present is the need for adequate car parking facilities on or near the Capitol site to serve State owned cars required in the business of the various agencies, employees, executives and visitors.

Grounds for the State Capitol Development lying to the west of the State Capitol Building were recommended by the State Capitol Building Commission to the State Administrative Board which has to date acquired a part of this land, the remainder is expected to be acquired by condemnation.

Additionally to matters of cost and efficient conduct of the business of the State a further consideration is recognized by the State Office Building Commission as bearing upon the need for adequate and proper housing for State government. The appearance of the buildings and activities conducted therein are, by and large the major source of contact which the citizen of the state has with his state government

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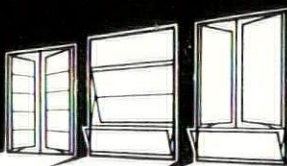
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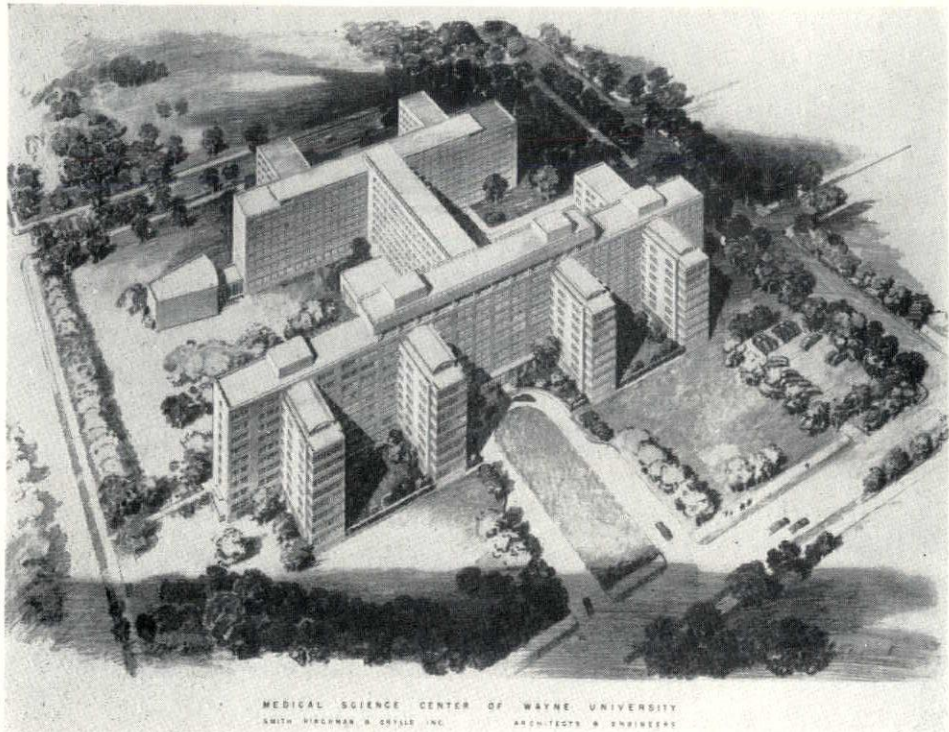
and its representatives. That citizen expects and feels it his due that the outward physical manifestations of his state be such that he can be proud of its appearance.

SUPREME COURT BUILDING

This building is arranged in a rectangular plan selected for architectural harmony with the other buildings on the site, and because of the strictly functional development of the requirements of the building. The Supreme Court Room is located on the second floor projecting through the third story. All of the facilities required by the Justices of the Supreme Court, visiting attorneys, etc. are located on the second floor in proper relationship to their use. The offices of the Attorney General and his thirty-five assistants (at present scattered in various agencies about Lansing) and his staff occupy the third floor. The Law Library occupies one wing of the first floor because of its public use and use after normal office hours, permitting the balance of the building to be closed. This library will provide stack space for its requirements for ten years and will utilize basement area for additional stacks for a total capacity of 100,000 volumes, its anticipated requirement for twenty-five years.

The Allegan State Office Building, a seven story building with office space arranged in the manner of modern office buildings, is expected to house the largest agencies such as the Secretary of State, the Liquor Control Commission, etc. In general, these agencies occupy one or two floors which permits better control, more efficient use of space and greater efficiency in operation.

The Ottawa State Office Building, is twenty-three stories high and is most suitable to the small agencies as distinguished from the larger agencies



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occupying the Allegan State Office Building. It represents the most modern thoughts in the provision for economical and efficient use of office space. This building will accommodate also the cafeteria for employees for the State Government, a facility which is sorely needed.

The Supreme Court Building and the two office buildings are expected to provide facilities for a modern, efficient and dignified administration of the business of the State of Michigan.

An underground garage is proposed for construction between the basements of the Supreme Court Building and Ottawa and Allegan State Office Bldgs.

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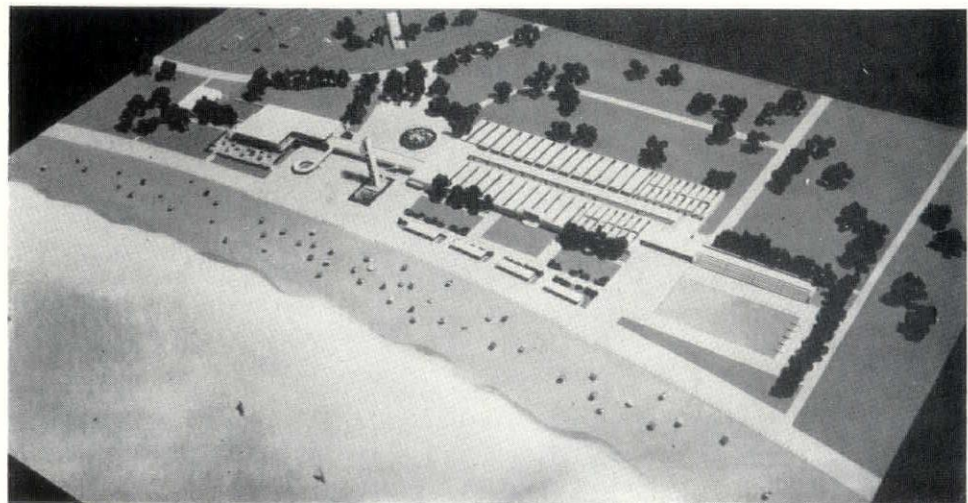


The Edward J. Jeffries Homes—housing development for 1700 units. The site selected cannot be cleared for this project until such time as the present occupants can be placed elsewhere which, due to the present housing shortage, is a difficult task. Drawings are completed, but construction delayed, awaiting more favorable conditions.

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The working drawings are to be started soon. It is planned to have work on this project start this Fall so that the Beach can be opened by the summer of 1948. The project consists of bathing facilities for 7500 people. Cafeteria service and dining facilities are to be provided. In addition to the Beach, there will be an outdoor swimming pool.



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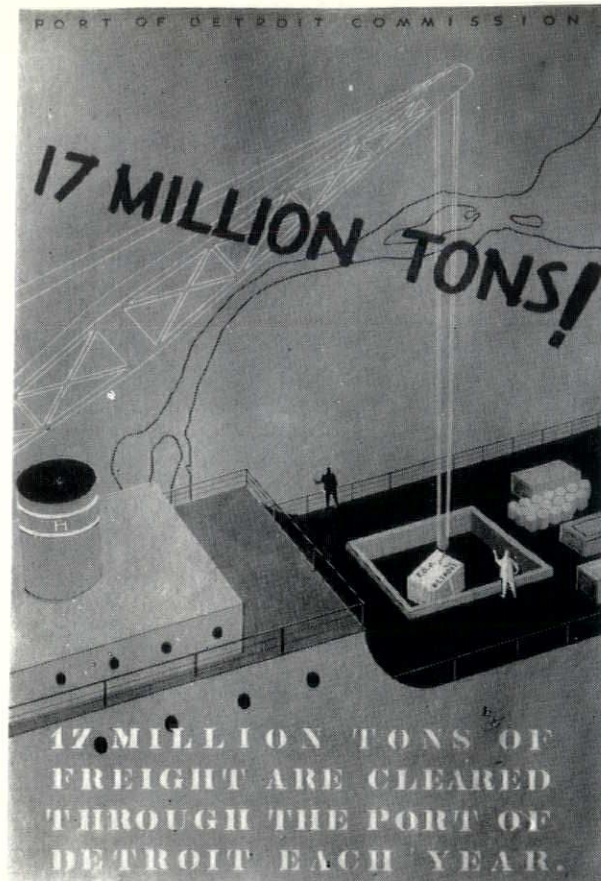
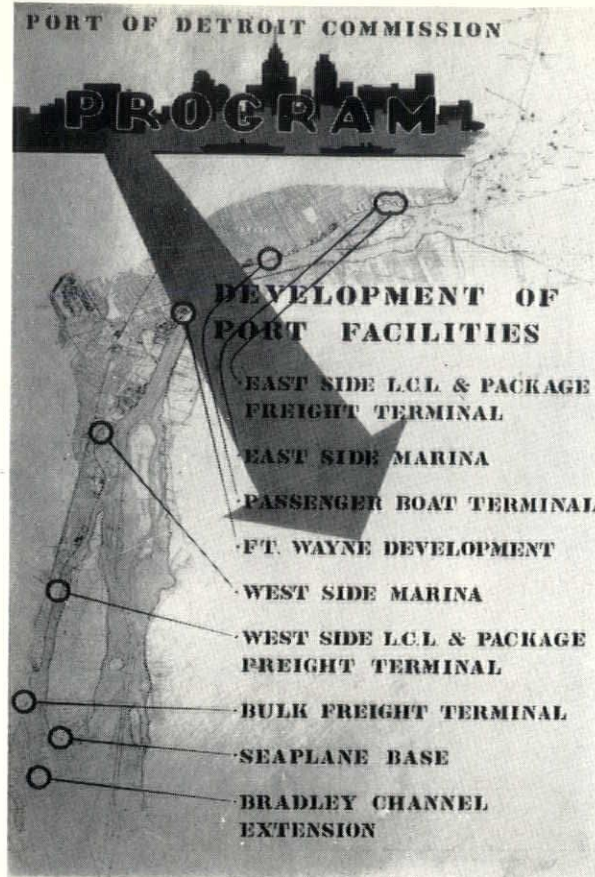
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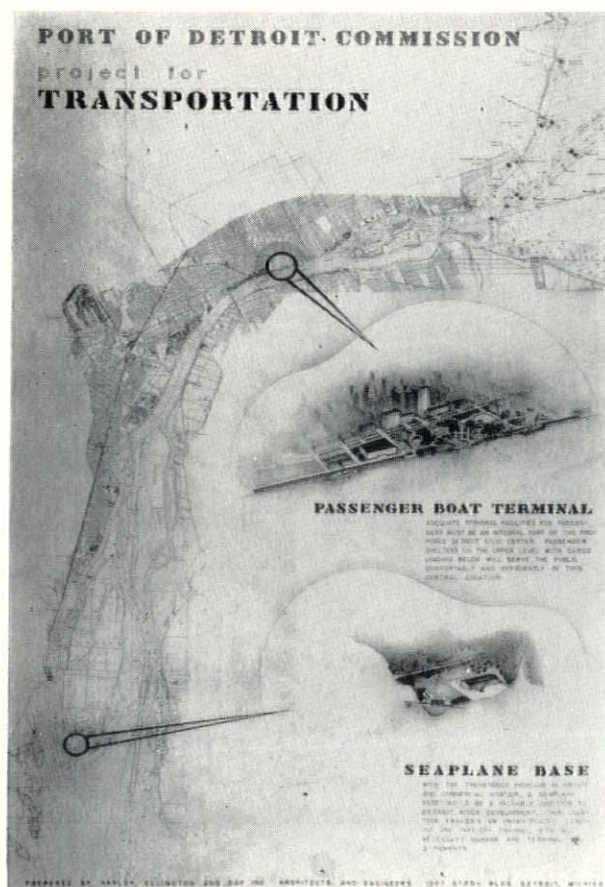
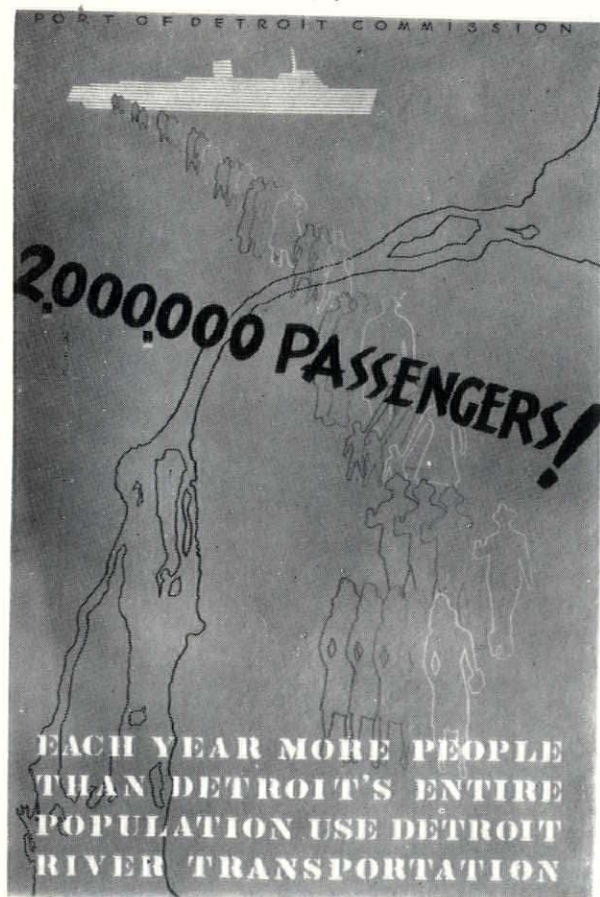


From the office of Harley, Ellington and Day, Inc., Architects and Engineers, are these charts made for the Port of Detroit Project.

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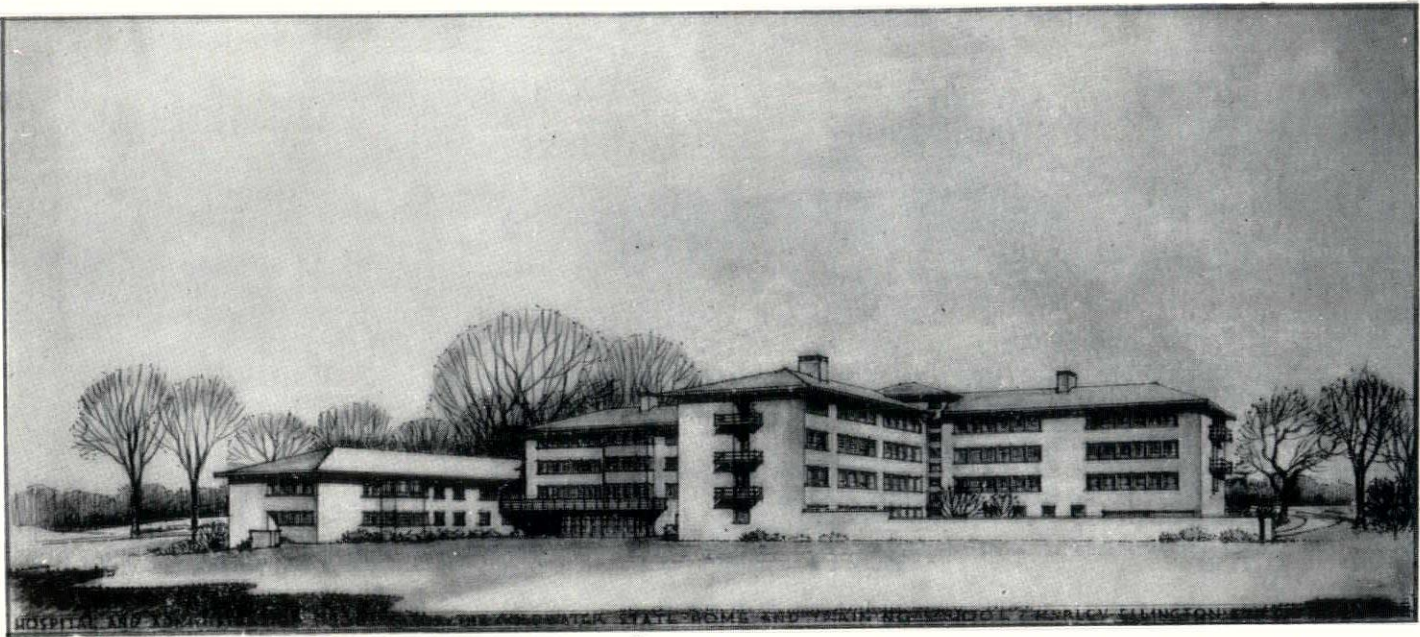


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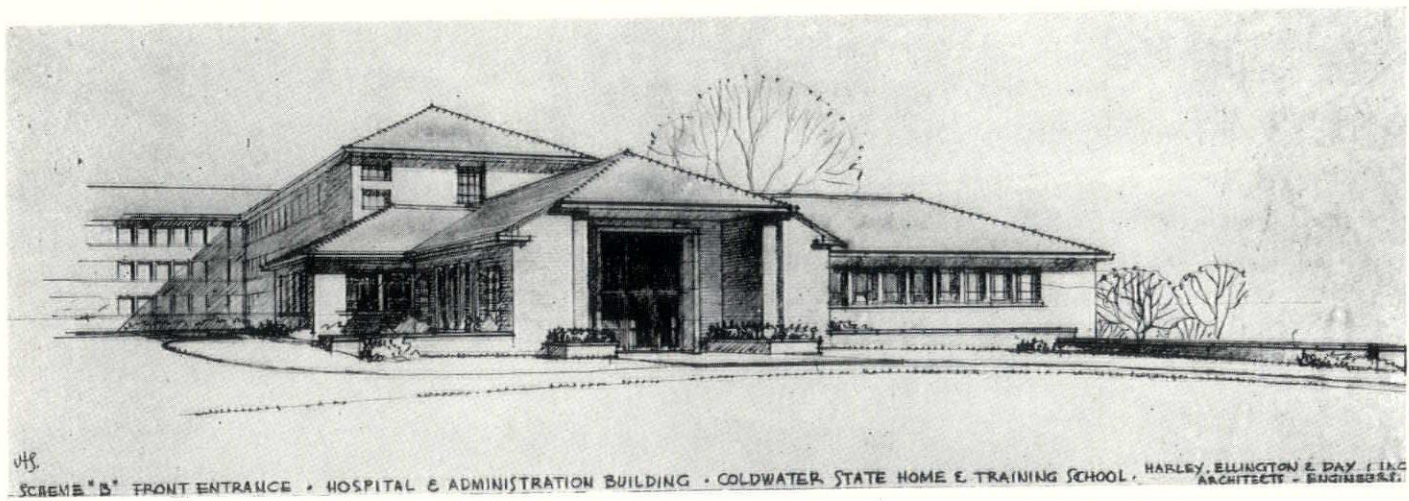
WEEKLY BULLETIN



HARLEY, ELLINGTON & DAY, INC., ARCHITECTS and ENGINEERS

ABOVE: General View of the Hospital and Administration Building, Coldwater State Home and Training School, Coldwater, Michigan.

BELOW: Detail of Main Entrance of the same building.



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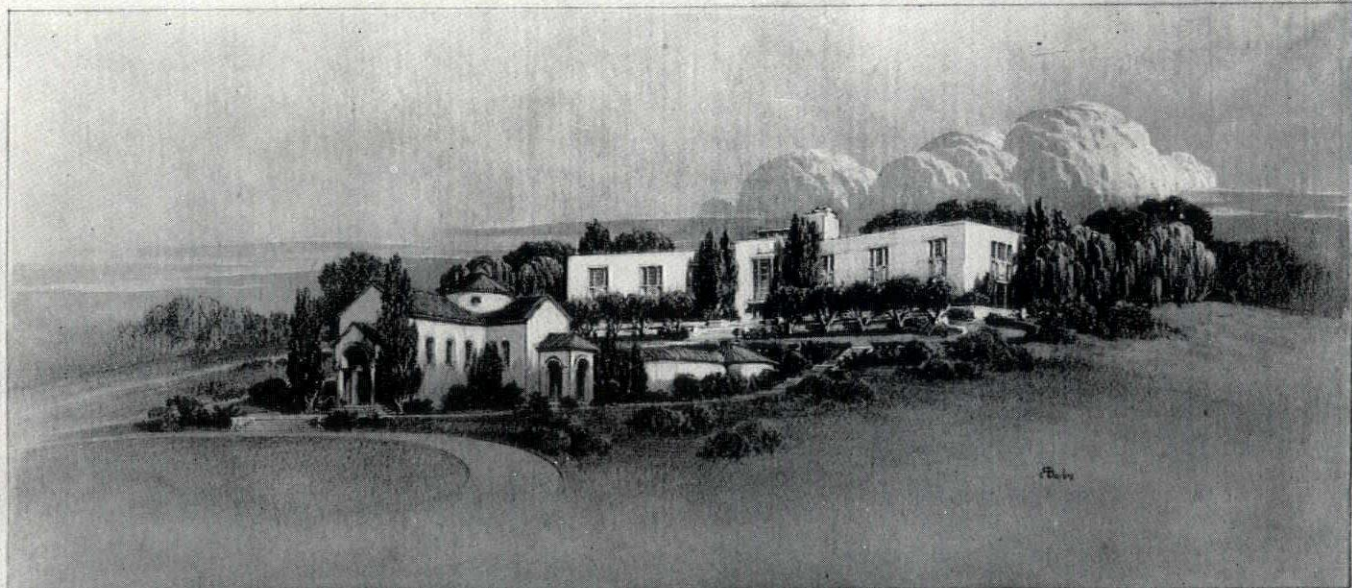
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BELOW: Mausoleum, Fort Lincoln Cemetery, Washington, D. C.



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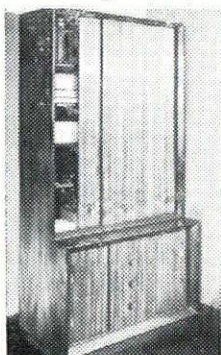
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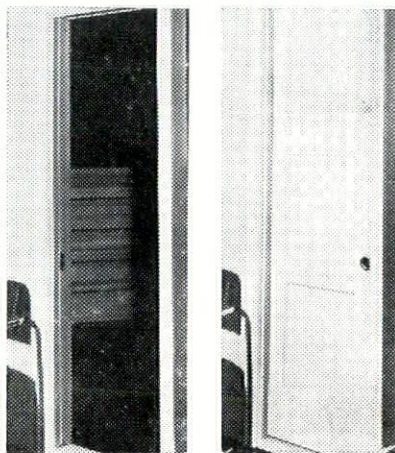
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The illustration demonstrates how one prominent Chicago architect employed the KENNATRACK as a space saver. The KENNATRACK increases immeasurably the number and variety of possible room arrangements.



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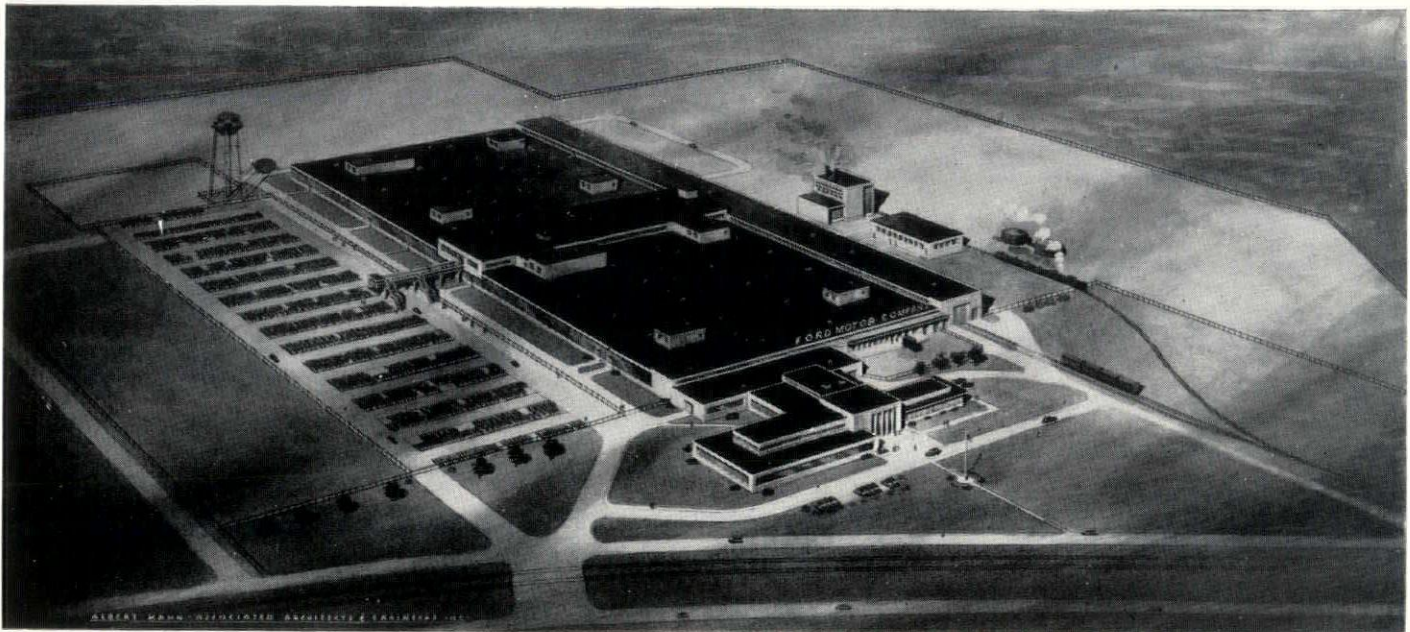
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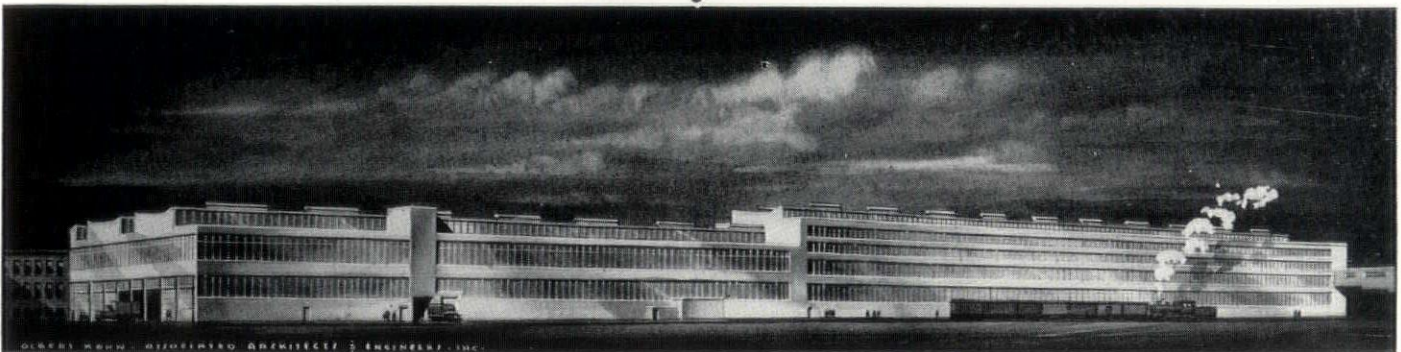
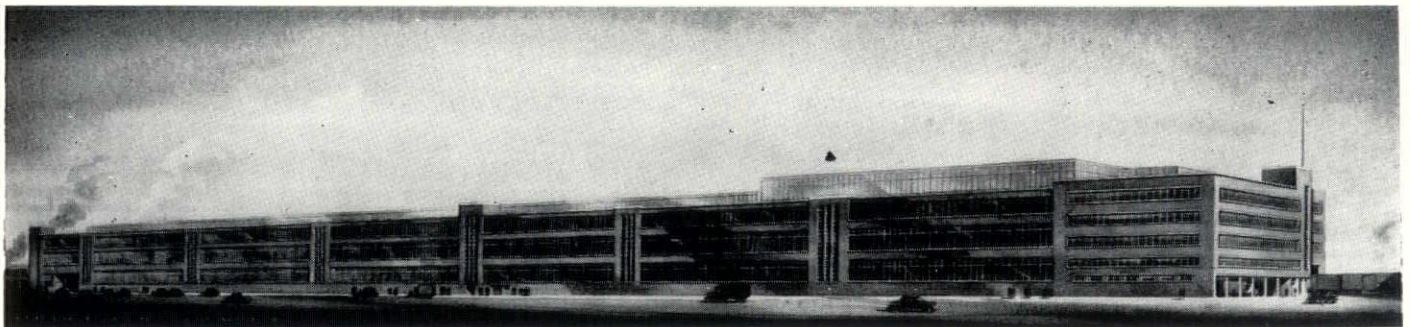
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Above is shown new plant of the Ford Motor Company, Atlanta, Georgia.

BELOW: Two views of the new plant for Buick Motors Division of General Motors Corporation, in Flint, Michigan.



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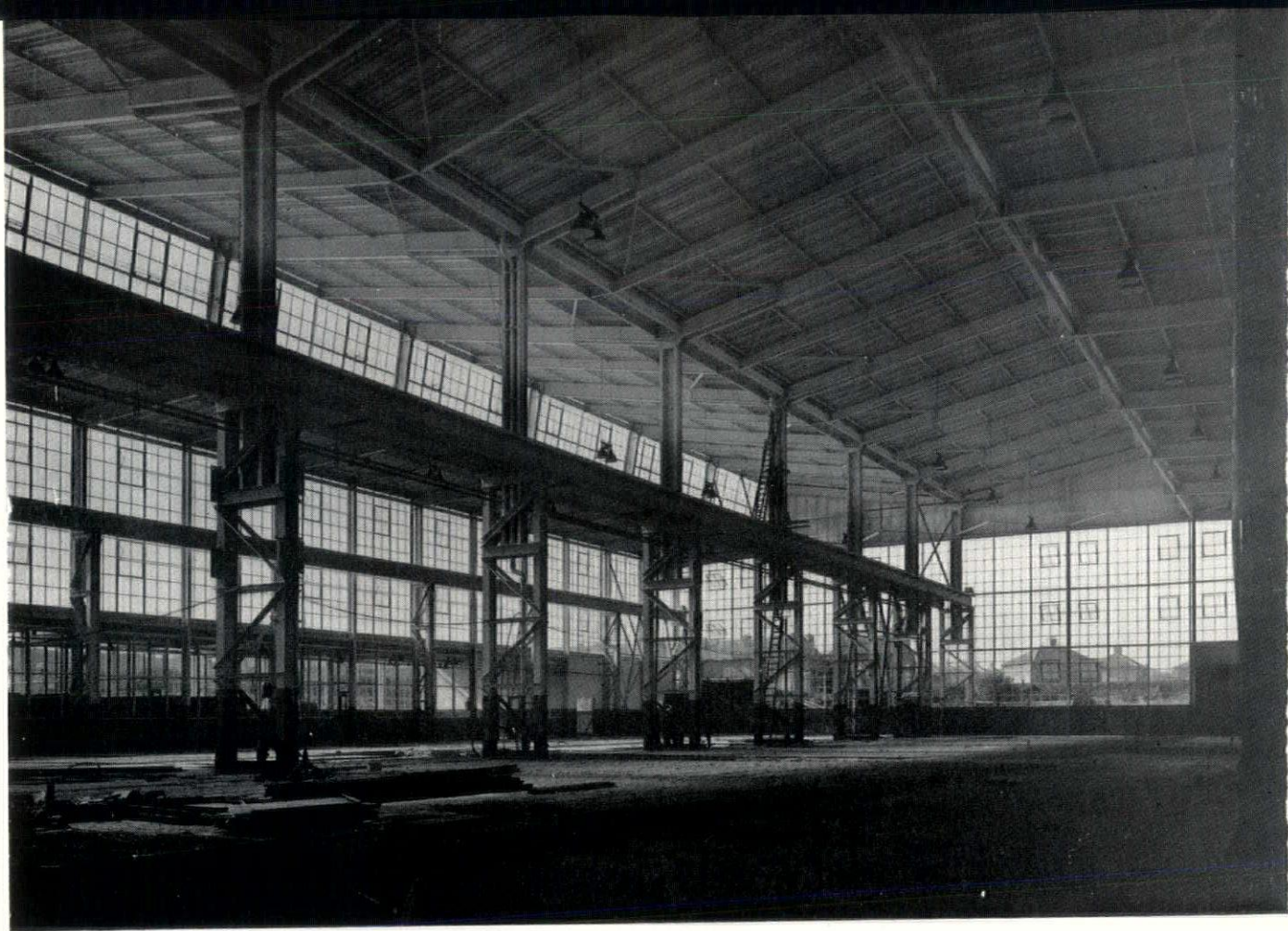
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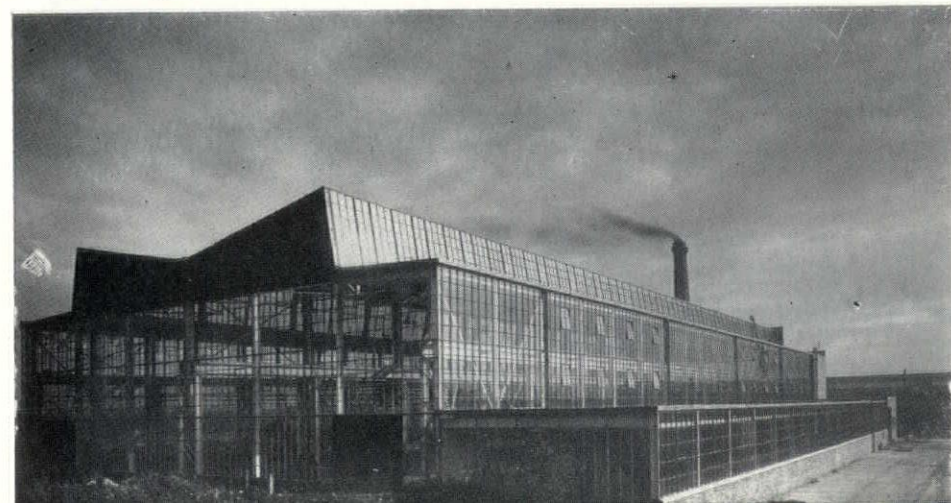
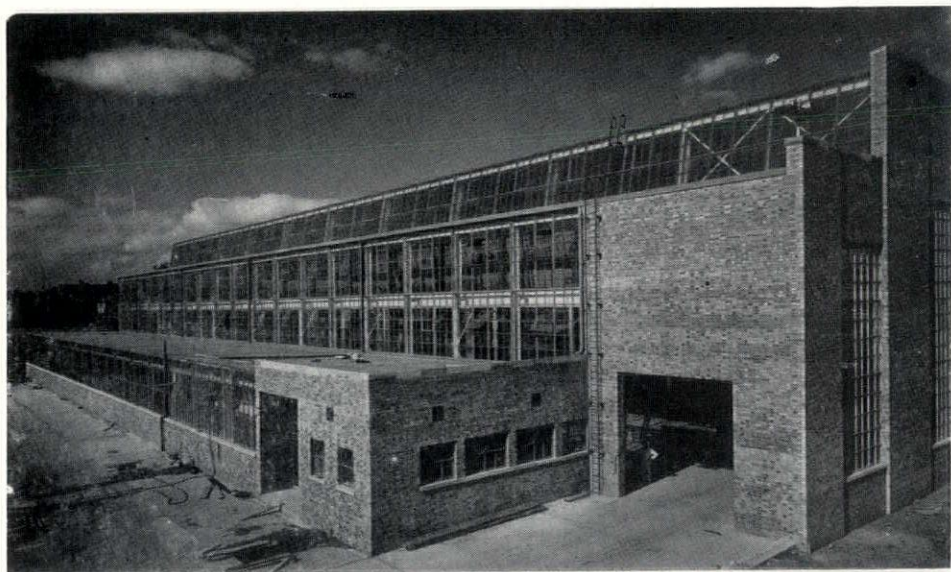
Shown on this page and on page 45 are views of a machine shop recently completed in Wolverhampton, England, by C. Howard Crane, Architect.

Mr. Crane states that he is educating them over there to the bent-girder type of construction. One end of those shown here is temporary and can be taken down and moved bodily when the next extension is put on.

The Crane office in London also has recently completed a new Wheel Shop, the plant being put into operation soon after the first of the year. This plant, at Wellington, is said to be the finest Wheel Shop in the world.

Another of the recent Crane projects is a new plant in Wales for making Briggs Beautyware.

Mr. Crane states that architects of England have been hard-hit, because the Government has further tightened up on all of its controls and there is practically nothing being built except housing units, which are not from architects' designs but by Government bureaus. The work from the Crane office in the industrial field is of a nature that has to do with components for housing or for articles for export.



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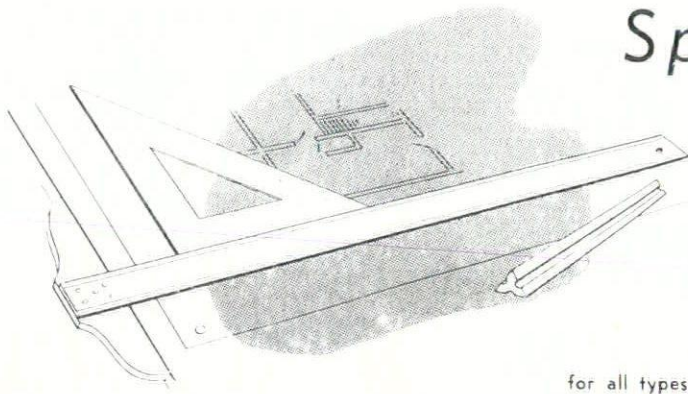


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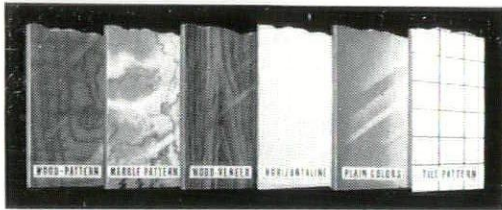


Another view of the interior of the Machine Shop at Wolverhampton, England.

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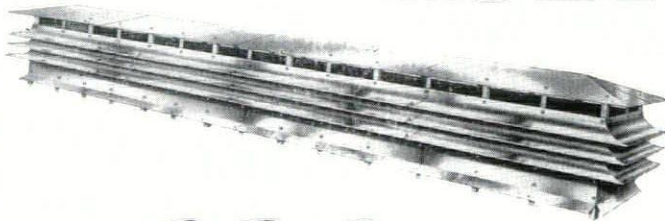


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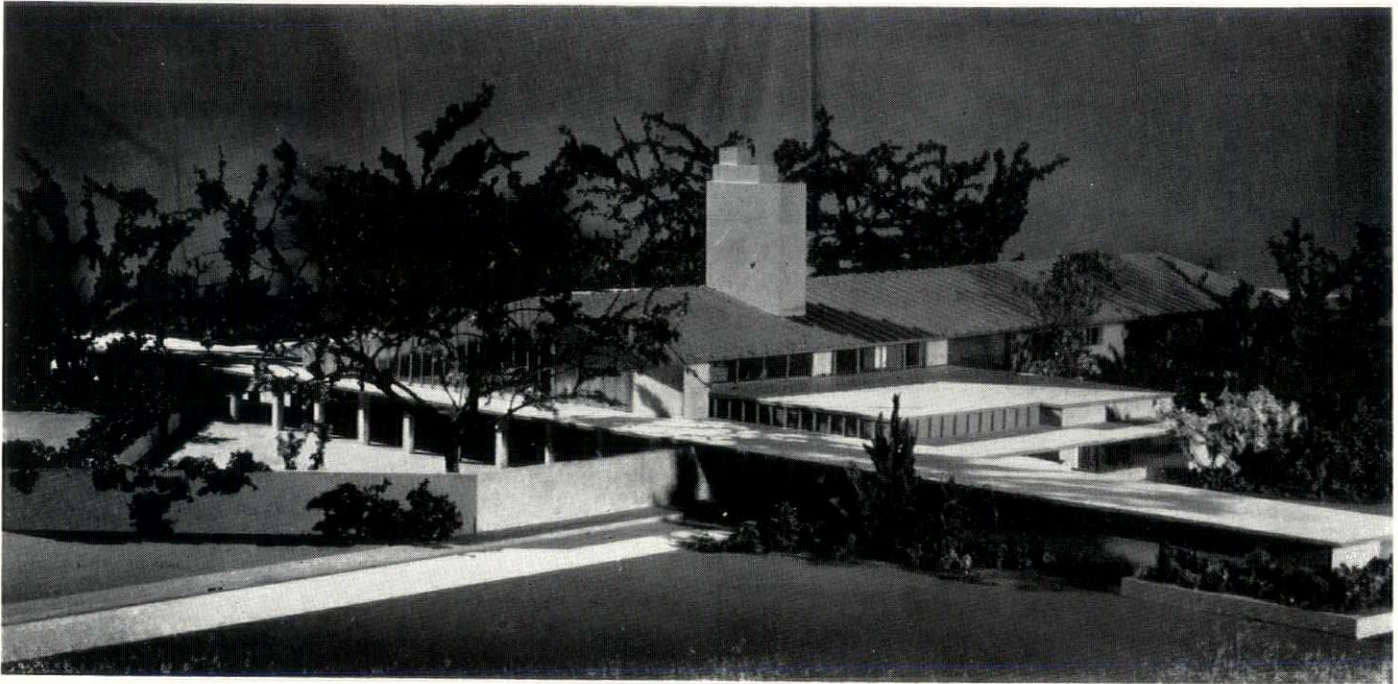
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Model of Mansion for Michigan's Governor.

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First display of a model of the proposed Governor's mansion at the Michigan Association Press convention brought a variety of comments.

"It looks like the Taj Mahal in a cabbage patch," one spectator said.

"OOOH," murmured others, with more appreciation of the long rambling building that is a pastel pink.

The architect, Alden Dow, of Midland, said the color would actually be "salmon brick."

Indefinite plans call for the mansion to be built in what is now a two-block long Lansing park two blocks from the Capitol.

Administration officials have indicated that action won't be pressed on any kind of a mansion until there are more definite signs of solving the housing shortage for Michigan veterans.



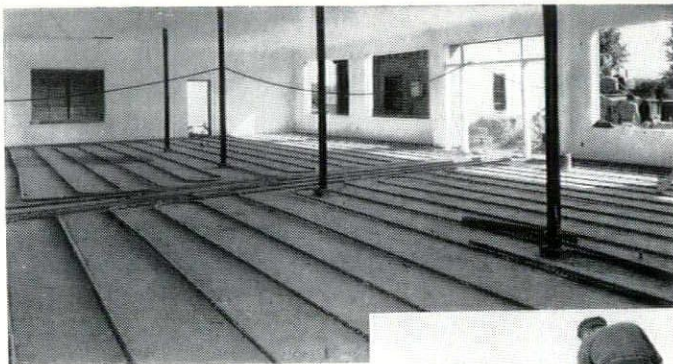
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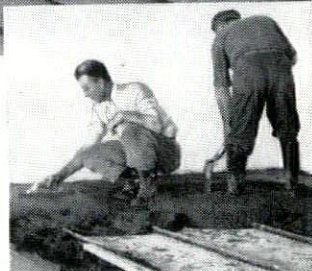
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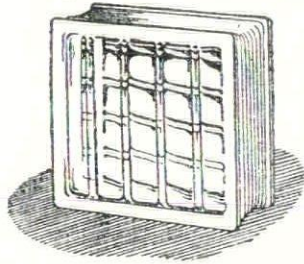
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SCHEDULE OF RECOMMENDED CHARGES

(American Institute of Architects Document Adopted by the M.S.A.)

Ratified and adopted at the
16th Annual Convention
M. S. A., 1928



Distribution Authorized at the
16th Annual Convention
M. S. A., 1930

Revised Feb. 15, 1946

The Michigan Society of Architects, as a professional body, recognizing that the value of an Architect's services varies with his experience, ability and the location and character of the work upon which he is employed, does not establish a fixed rate of compensation binding upon all of its members, but, in the light of past experience, recommends that for full professional services, adequately rendered, an architect practicing in the State of Michigan should receive as reasonable remuneration therefor at least the compensation mentioned in the following schedule of charges:

1. The architect's professional services consist of:

(a) Preliminary studies, including the necessary conferences and the preparation of preliminary sketches, the least compensation of which is 20% of the hereinafter mentioned fees.

(b) Working Drawings and Specifications, complete ready for taking bids, the least compensation for which is an addition 55% of the hereinafter recommended fees.

(c) Supervision, including the taking of bids, the preparation of full size and large scale details, the general direction of the work, the checking of contractors' monthly statements, the checking of shop drawings for various trades, and the issuance of certificates of payment, the least compensation for which is an additional 25% of the hereinafter recommended fee.

2. The proper minimum charge for professional services on the average type of work, when let under a general contract, is 6% of the total cost of the work. When the major portion of the work is let under a general contract and a minor portion is let separately to individual contractors, then 6% shall govern for the entire

work, plus an additional 4% upon that portion let separately.

When all of the work is let separately to contractors for individual trades, then the 6% fee shall be increased by 4% additional to cover the architect's extra cost of keeping records and dealing with several contractors instead of one contractor.

3. On residential work it is proper to charge from 8% on the first \$50,000.00 of cost, and 6% on the balance. On residential work at a sufficient distance from the architect's office, to require unusual time in travel, but not far enough distant to require rail or boat transportation, it is customary to increase the above-mentioned 8% and 6% charges to 10% and 8% respectively. In both cases the fee shall cover stables, garages and other dependencies.

4. In the hands of architects best qualified to design them, churches and ecclesiastical buildings generally bear a commission of from 8% to 10% on work under \$50,000.00, and 7½% on work over that amount. Designing of or assisting in the selection of or purchasing of church furniture and fixtures, depending on the amount of detail work necessary and the time required, bears a commission of from 10% to 20%.

5. Buildings with complicated equipment such as laboratories bear a higher rate than the 6% quoted in paragraph 2, above, for average work. If taken at 6%, the equipment should be charged separately at a higher rate.

6. On monumental, decorative, and landscape work, special interiors, and special cabinet work, as well as alterations to existing buildings, whether federal, municipal or private, the minimum charge is 10%. Should the work involved require unusual study or specialization, it is usual to charge 15% or even more.

7. Designs for fabrics, furniture, fixtures, lighting fixtures, and special decorative work other than for churches, the minimum charge is 15%.

8. On articles not designed by the architect, but purchased under his direction, the minimum charge is 6%.

9. On work of such nature that the final total cost cannot be reasonably accurately approximated, it is advisable and permissible to charge on a pay roll-overhead-profit basis, that is to say, to charge the actual amount of the payroll, plus the average percentage of overhead, plus a profit of, say 25%. If pay roll totals \$100.00 and overhead amounts to 85% of the pay roll, then the charge will be:

Pay roll	\$100.00
Overhead, 85% of \$100.00	85.00
<hr/>	
Total	\$185.00
Plus 25% for Profit	46.25
<hr/>	
Total charge	\$231.25

In offices having an overhead of 100% this method amounts to charging 2½ times the pay roll, which is quite generally used. It is fair to both owner and architect. It often saves the owner a considerable amount, and insures the architect a reasonable profit.

10. As a substitute for the method suggested in paragraph No. 9 above, the architect may be paid a fixed fee for his own personal services, or, in some cases, a commission upon the cost of the work. In addition thereto, he is reimbursed by the client for his actual office expenses (pay roll, exclusive of his own drawing account, plus overhead). This is known as the "Fee-plus-cost" method.

11. All disbursements for traveling expenses, measurements, surveys, fees for expert advice when requested or sanctioned by the client, and the cost of all prints, to be paid by the client.

12. All of the above charges are subject to increase by special arrangement, where the cost of the work is small or the conditions unusually difficult.

13. By special interiors and cabinet work, is meant that part of the work which is individual, and requires special study and drawings for each room or each feature thereof, as distinguished from the work which is repetitious and which can be executed from typical drawings and general specifications.

14. The supervision of an architect does not guarantee the performance of the contract by the contractor, or insure the client against defective work thereunder.

Where the architect is retained to oversee preparation, manufacture, execution and installation of work, as well as to check final requests for payment for same, he will do everything in his power to enforce the spirit and the letter of drawings and specifications. Beyond that he is not responsible.

15. The architect is construed by the courts to be the owner's agent and the owner is responsible for payment for labor and material ordered by the architect for the owner. The architect's power of agent is limited, however, to the building or work upon which the architect has been commissioned by the owner to perform professional services.

16. It is proper to charge for the preparation of sketches of any nature whatsoever, even if the client be asked only to reimburse the architect for his actual costs of payroll and overhead.

Under no circumstance will the architect offer to make sketches without charge or obligation in order to assist in soliciting business; nor will he submit to a prospective client's invitation to submit sketches under such conditions, for, by so doing, he may institute or be drawn into an ungoverned and unethical competition.

If the architect chooses to work without reasonable compensation, he may do so only under conditions which will not tend to injure his fellow practitioners.

UNETHICAL PRACTICE

If an architect has quoted a rate of fee to a prospective client, another architect seeking the same work and having knowledge of the rate quoted by the first, is guilty of unprofessional conduct if he attempts to obtain the work by quoting a lower rate of fee. Such conduct is unethical.

SUBMITTING SKETCHES

If an architect knowingly competes with other architects by submitting sketches without obligation, thereby submitting to an ungoverned and unauthorized competition, he is unfaithful to the profession, and guilty of unprofessional conduct.

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CHEMICAL DEHYDRATION OF AIR FOR BASEMENT ROOMS DURING SUM- MER CONDITIONS

Dampness in basement rooms during summer is caused by the cooling effect of exterior walls and floors on humid air and the resultant increase in relative humidity. The bad effects of dampness on absorbent wall and floor finishes and on furnishings are well known.

The surfaces of the exterior walls and floors will condense moisture from the air whenever the dew-point temperature of the air exceeds the temperature of these surfaces. This condensation is accentuated by the dampness and wetness of the soil adjacent to the walls and floors.

Hay fever is caused by air-borne pollens which can be removed from the air by contact with continuously-renewed, adhesive surfaces.

The musty odors of damp rooms are due to soluble vapors which are more pronounced in damp air than in dry air.

Basement rooms can be kept cool and comfortable during hot weather, with relief from hay fever pollens. Dampness can be prevented and musty odors can be removed by installing a chemical dehydrator to dehumidify and purify the air of the rooms. The rooms should be made as near air-tight as is reasonably practical. The dehydrator can be located anywhere within the rooms to be conditioned, without ducts or outside air connections, requiring lighting current for a small fan, replenishment of commercial calcium chloride and continuous drainage for the waste solution of absorbed water vapor and dissolved chemical to a receptacle or sewer. The action of the dehydrator is controlled by a humidistat which automatically starts and stops the fan motor according to the adjustable setting of the humidistat which is normally set at 60 per cent relative humidity.

Example:—A basement storage room of 6,000 cubic feet volume in Southern Michigan would require a Type AA dehydrator with normal chemical and electrical costs of \$14.00 per summer, replacement costs of \$20.00 every four years and the adding of from ten to twenty pounds of chemicals twice a week, which can be done by any normal person.

Chemical dehydrators are in use in twenty-eight states, the District of Columbia, Mexico and Peru.

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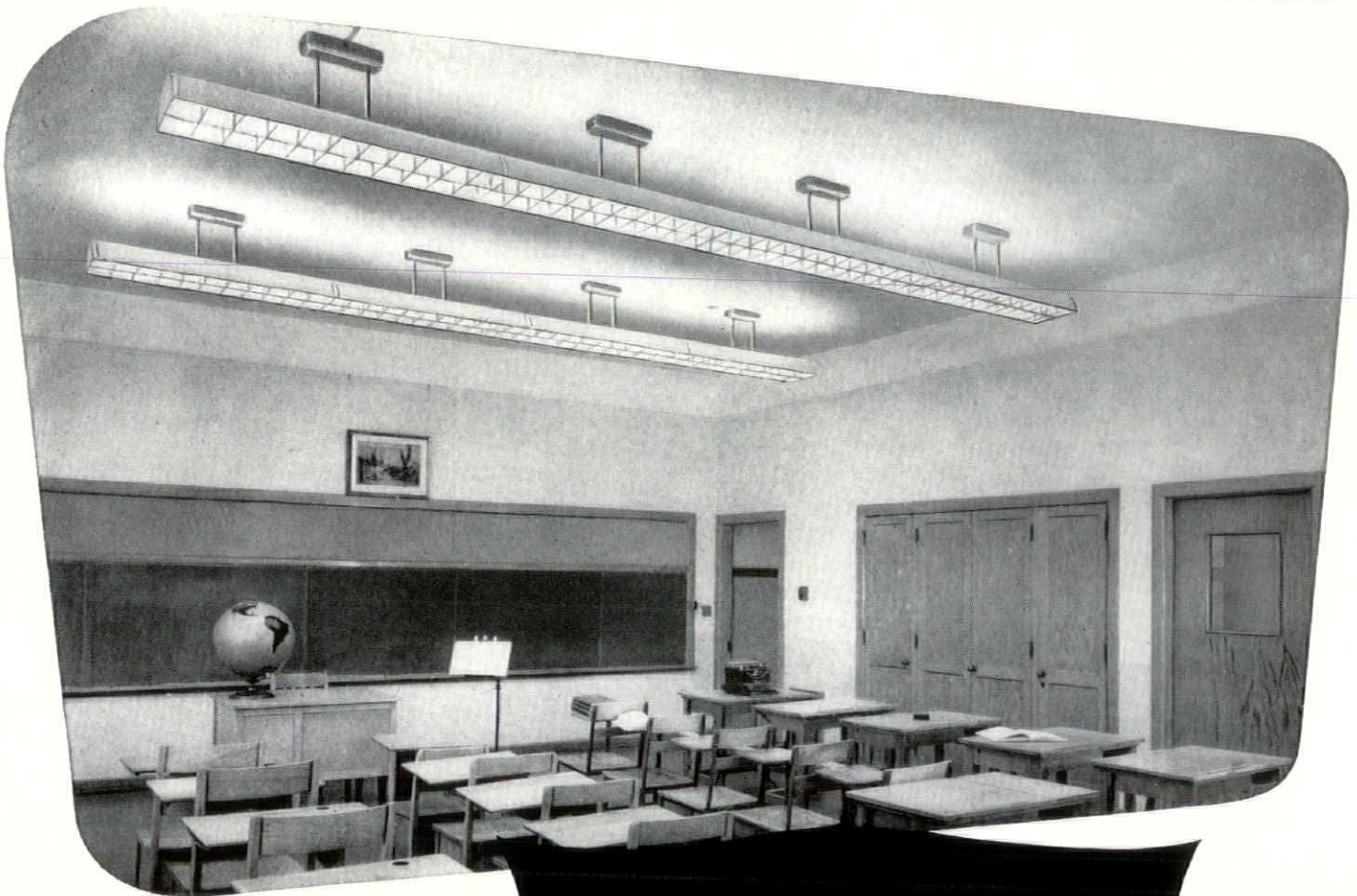
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SEE EXPLANATION ON REVERSE SIDE OF THIS SHEET.

Revised Schedule of Unit Costs Based on Cubical Contents of Buildings

Produced and distributed by DETROIT REAL ESTATE BOARD, 1980 Penobscot Bldg., Detroit, Mich.

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See Tables on Reverse Side of this Sheet.

Annually since 1915, the Detroit Real Estate Board has produced and distributed a schedule of unit costs employing cubical contents of buildings as the basis for determination of costs. The schedule, revised as of Jan. 1, 1947 is presented herewith.

The schedule of costs was produced primarily as a service to members of the Detroit Real Estate Board, as a guide in estimating construction or reproduction costs and as a possible guide to appraisers. Within recent years, scores of requests for copies have come from all parts of the United States and numerous trade publications have asked permission to publish the schedule. It has been and continues to be the policy of the Detroit Real Estate Board to authorize reproduction of the schedule by recognized trade publications and by banks, trust companies, insurance companies, building and loan associations, mortgage companies, appraisal organizations, etc., for the personal use of members of those organizations but no permission is given for reproduction of the schedule for sale. Additional copies may be purchased from the Detroit Real Estate Board at 25 cents each.

The willing and painstaking cooperation of the Department of Buildings and Safety Engineering in the preparation of this schedule is appreciatively acknowledged. In using this schedule, the rules established by Commissioner Joseph P. Wolff and his department heads, should be observed. These rules follow:

"The cubical volume of a building for the purposes of determining the fees shall be measured as follows:

"From the outside of the walls and from the basement floor to the mean point of a pitched roof or to the highest point of a flat roof. The volume shall include all dormers, enclosed porches, pent houses, and other enclosed portions

of a building, but shall exclude open porches.

"In the case of buildings without basements, the measurements shall be taken from the ground line, and in the case of large buildings having deep foundations, the height shall be measured from a point below the basement floor by an amount equal to 1-5 of the depth of the foundation.

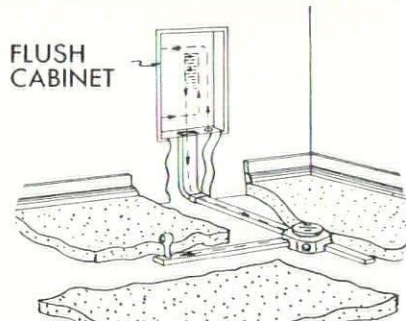
"In the case of open shelter sheds and other open sheds, the volume shall be determined by measuring from the projection of the edge of the roof and from the ground line to the mean height of the roof."

The cost figures presented are presumed to represent the minimum cost at which a fairly good building of economic design, may be constructed under most favorable circumstances within the Detroit district. The costs contain architects' fees, contractors' profits and all general items of construction and equipment including plumbing and heating systems, elevators, incinerators, refrigerating systems, etc. Financing costs, however, are not included.

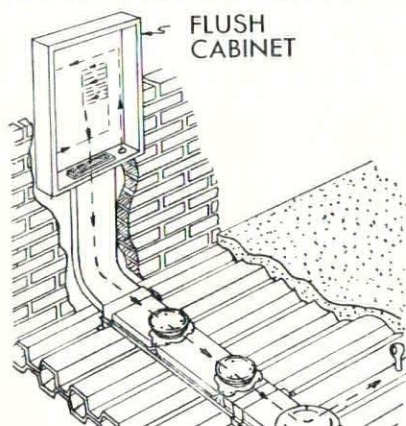
As bids of individual contractors may vary from 20% to 50%, so may there be a marked variance in the costs of similar buildings erected within a single area. The quality of construction must be taken into account. The schedule presented is based upon the cost of average construction. The costs might be lessened by inferior construction or substantially increased by superior construction. In all instances the schedule should be used to reinforce rather than to supplant the experience, information and judgment of the user.

Since 1915, this schedule has been prepared under like circumstances and based upon like factors. It may be assumed, therefore, to present a rather accurate picture of the movement of building costs in the Detroit area during the past 32 years.

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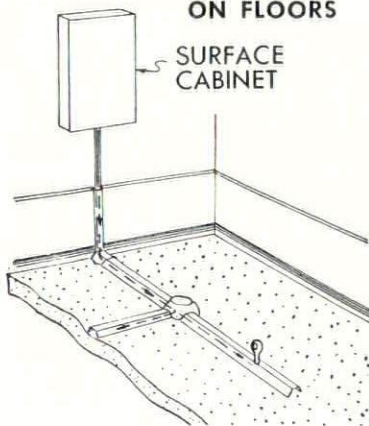


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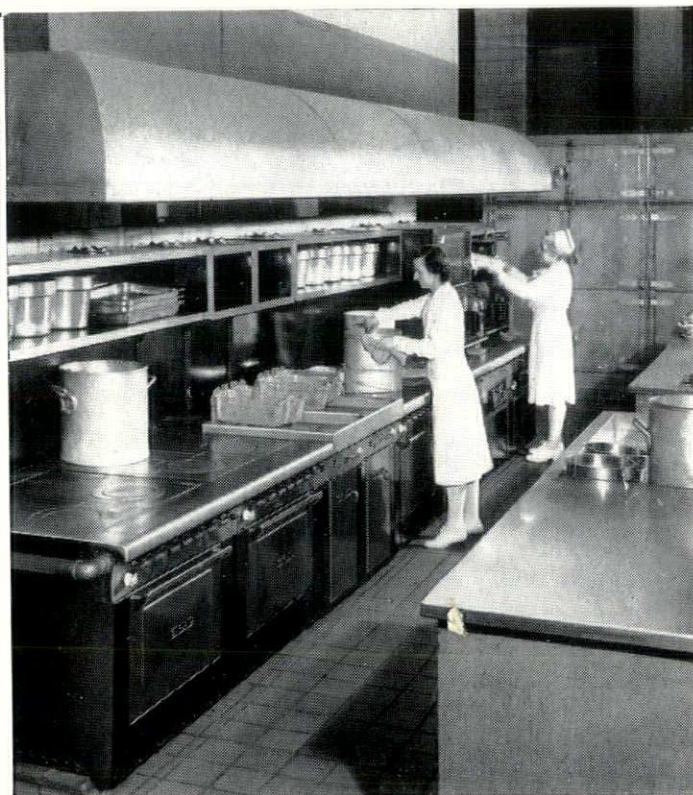
HOSPITALS, too, say Gas is best for cooking

Nutritious food, appetizing in appearance, is a prime requisite in modern hospital care.

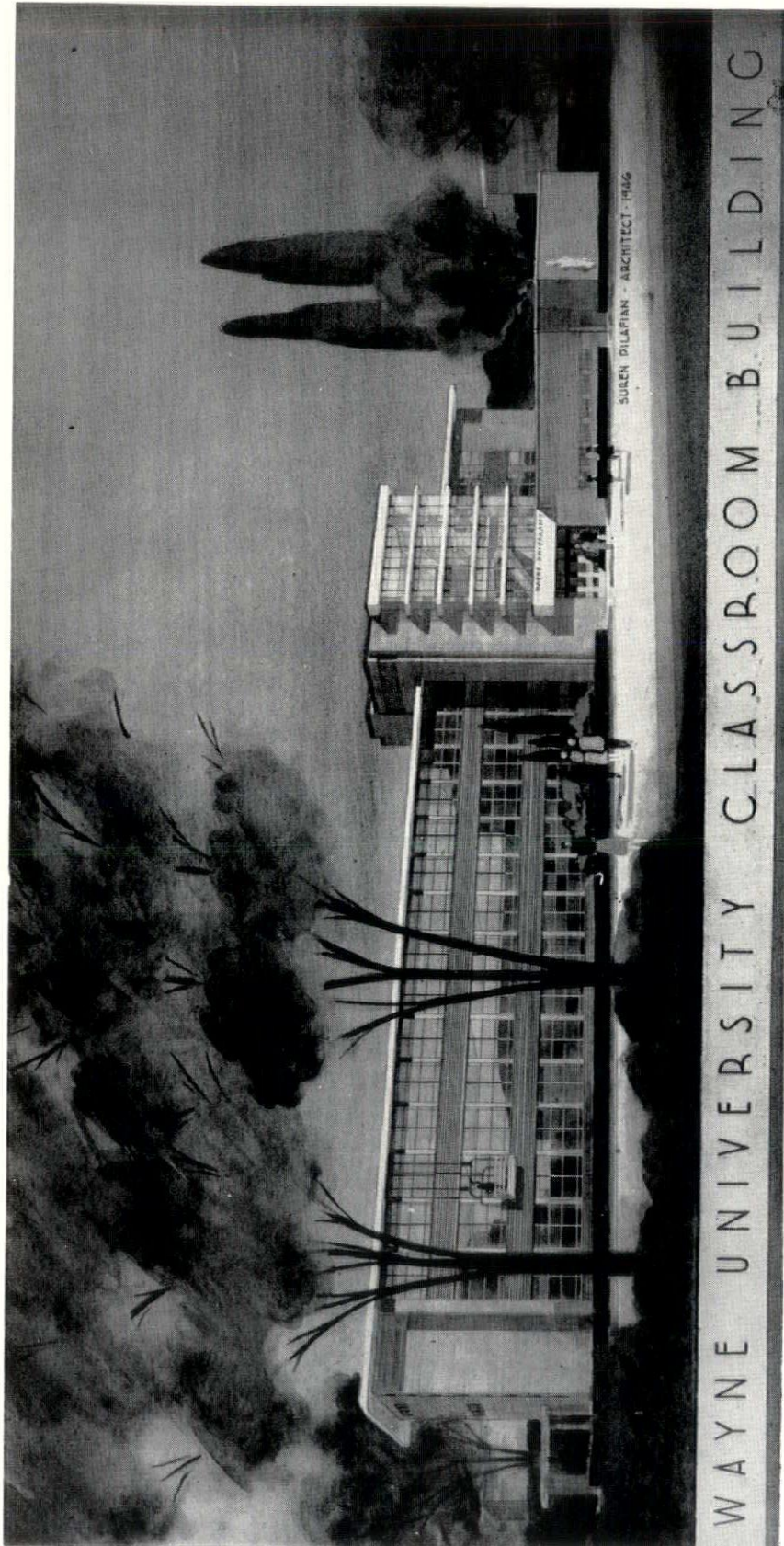
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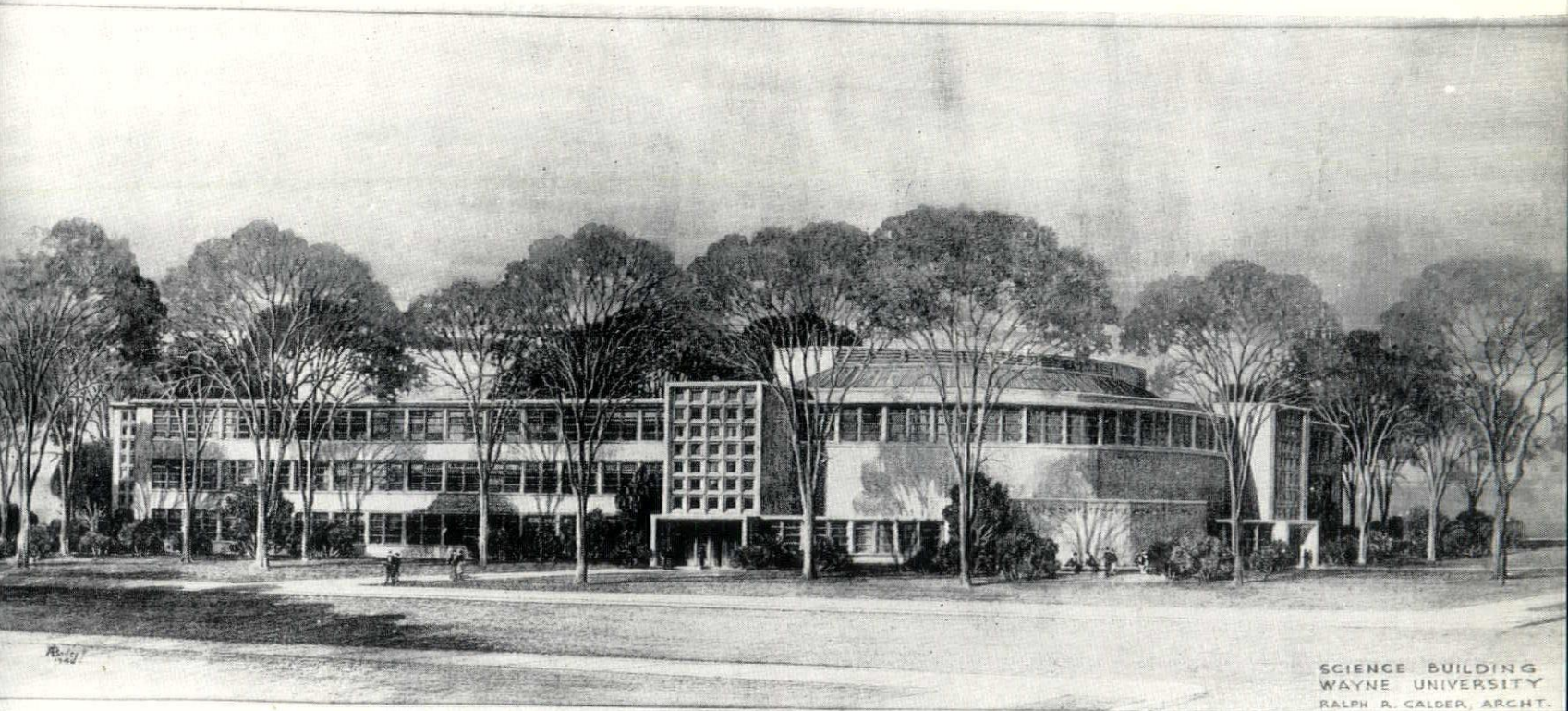
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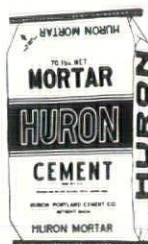
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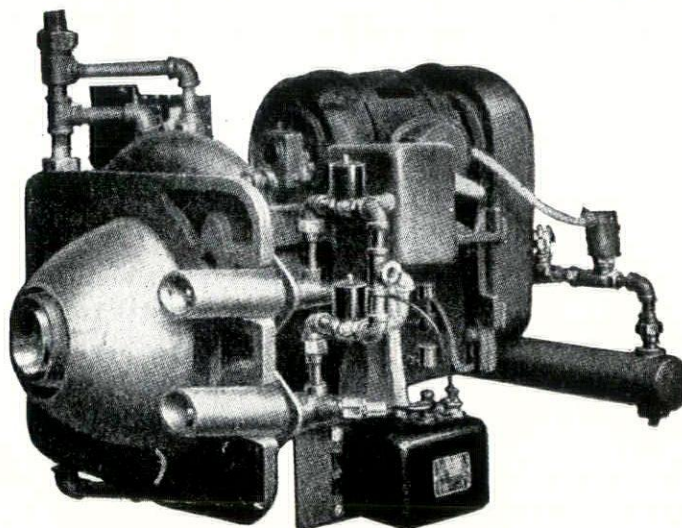
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ADDITIONAL ANNUAL REPORTS

UNIFICATION IS HERE

By A. N. Langius

Unification of the architectural profession in Michigan, according to certain members of the profession, is something that must still be attained, to others it has already been accomplished. In spite of the hard work and great amount of time devoted by the first proponents of this goal, it seems obvious that something is still lacking in our present organizational arrangement.

Even members of your committee, who were supposed to be familiar with the original intent, and because of this fact were appointed to a special committee which should adopt certain recommendations and draft the final procedures to complete unification in Michigan, found at the outset that they were not completely in accord on either the original or ultimate intent of the plan.

All of us, however, were agreed that if the job was complete, why is there still so much talk about it and why are there so many architects still not sure of the relationship of the Michigan Society of Architects to the three state chapters of the A.I.A. It seemed to us that we have stopped just short of the finish. We came to the conclusion that we have proceeded as far as possible under the limitations imposed by the Institute and that all remains to be done under the circumstances is a little bit of streamlining and sprucing on the part of the Michigan Society of Architects.

To begin with, the original intent was to make all architects registered in Michigan members of the Institute. The secret hope was that other states would do likewise and that each would ultimately establish a state-wide chapter, thereby, unifying all architects on a national scale into a powerful active implement for professional advancement. To this end the seven divisions of the Michigan Society of Architects were absorbed by membership drives into the Detroit and Grand Rapids Chapters. The divisions were thus eliminated and the two chapters enormously increased. The next step was to be the assimilation of these two chapters into a Michigan Chapter of the A.I.A. called, perhaps, the Michigan Society of Architects, a chapter of the A.I.A.

At this critical point the chain was broken in two places. First, the A.I.A. refused to admit as a chapter, a corporate society since to do so would place its own corporate status in jeopardy.* It has steadfastly refused to change its decision on this matter. Equally stubborn has been the decision of the Michigan Society not to give up its corporate status. This stubborn-

*This is a legal aspect peculiar to Michigan, since our laws would require the Institute to become incorporated here as a foreign corporation "doing business" in Michigan.

Mr. Langius is Chairman of the Society's Special Committee on the Completion of Unification.



ness is still considered to be sound by most of the members of the society and has since been collaborated in by the Society's Council.

The second break was the establishment of the Saginaw Valley Chapter of the A.I.A. This was significant because it showed dramatically that the need for local or grass root organizations was imperative and would not be ignored.

This state of affairs has stymied the progress towards the ultimate goal set up by those that maintain that something additional should still be accomplished in Michigan. The objections to that ultimate goal have been more firmly established from day to day until today the three state chapters of the Institute are unanimous in refusing to surrender their charters. There has also been graphic demonstration of why a state organization independent of the A.I.A. has a definite role in working out Michigan problems directly affecting Michigan Architects. In most cases, contact with the State Legislature by architects has been demonstrated to be more practical if no out-of-state organization is involved.

The pause in progress caused by the present state of affairs has been a good thing. However, the pause has not essentially disturbed the activities of the architects in Michigan, and in many respects unification is real and in practical operation. No other state can equal Michigan's percentage of Corporate Institute Membership and the fact that corporate institute status is not only a requisite but a mandate to membership in the society. There are no associate student or any other class of membership in the society. Such memberships are maintained only in the individual chapters who deal in problems of local interest. With but a little simplification, we can achieve real and complete unification.

The first thing to be borne in mind, however, is the fact that since it would be unsound business practice for the Michigan Society of Architects to give up its corporate status, it therefore never could become a chapter of the Institute. The second point to remember is that none of the three state chapters of the A.I.A. will surrender its chapter. The third essential fact is that

there is a real need for local chapters such as these and also a real need for the Michigan Society of Architects.

Let us then recognize that any individual architect (for these organizations are composed of individuals) demands a local field of expression, a state-wide influence, and a place in the national picture. From his position in the local chapter, he should look to the A.I.A. for national expression, and in the other direction to the Michigan Society of Architects for activity within the state.

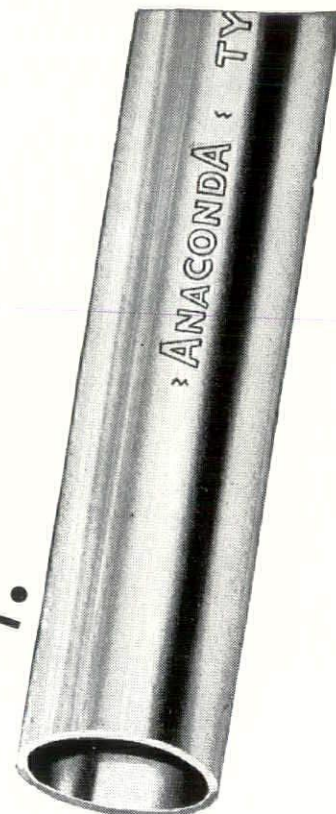
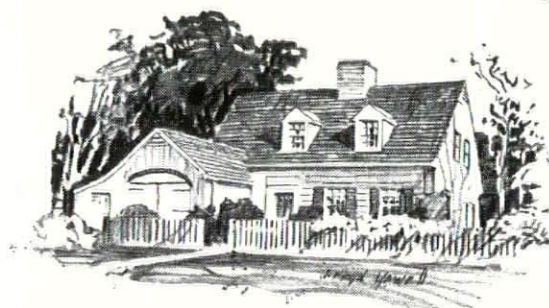
The strange thing about it all is that this is exactly what he does today under the present organization arrangement. Therefore, no change is necessary unless he finds that the machinery is too complex and should be simplified. It is evident that as far as the machinery of the A.I.A. is concerned, it is too complex and probably can't be radically changed. On the other hand, the Michigan Society of Architects' machinery is also complex, but with the exception of its corporate status, can be changed a little more readily. Your committee, therefore, would recommend that the following simplifications be inaugurated:

1. That the Society immediately advertise the fact that the officers of the M.S.A. are merely a Board of Directors doing state business for the members of the three chapters.
2. That the Society abolish its present system of electing officers, and in place thereof authorize the three chapters to each elect a certain number of Directors of the Board from their own chapter membership at the same time they elect their chapter officers. The number of Directors for each chapter would be determined as follows:
 - (a) One Director for each chapter.
 - (b) One additional Director for each chapter with a membership of 25 or less.
 - (c) Two additional Directors for each chapter with a membership of 26 to 50.
 - (d) Three additional Directors for each chapter with a membership of 51 to 100.
 - (e) Four additional Directors for each chapter with a membership of 101 to 200.
 - (f) Five additional Directors for each chapter with a membership of 201 to 400.
 - (g) Six additional Directors for each chapter with a membership of 401 to ---.

This arrangement would give the Saginaw Chapter two representatives, the Grand Rapids Chapter four representatives and the Detroit Chapter six representatives.

It would eliminate the costly process of balloting by mail the 500 members of the M.S.A. and would result in a 12-man Board, six from Detroit and six out state.

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This 12-man Board would then be empowered to elect from its own group a Chairman or President, Vice-President, Secretary and Treasurer. In addition it could elect an Executive Secretary with the same qualifications as established in the by-laws of the M.S.A. The Society could continue to be incorporated and encourage the Annual Convention and other professional problems of State of Michigan relationship.

3. That the Society immediately discontinue its State Associate membership in the A.I.A. At the present time the three chapters of the A.I.A. in Michigan are represented at the Annual Convention of the A.I.A. in proportion to their membership. In addition these same members are represented again through the M.S.A. as a state associate member of the Institute with a large number of delegates. Although this is, of course, all in favor of the Michigan architects, it is manifestly unfair to other states not having this setup.

If the Society withdrew its State Associate member, we think it would be valuable in another way. The M.S.A. would then not be acting in any relationship to the A.I.A. in state problems but purely under local directives from the members of the chapters who in turn are registered architects of Michigan and members of the M.S.A.

4. That the Society simplify its dues-collecting records because all of this bookkeeping is absolutely unnecessary and a great waste of time and money is involved. These records are now kept by the individual chapters of the Institute.
5. That the Society abolish its present standing committees with their ambiguous duties and in place thereof establish committees of the Board of Directors whose duties would be to coordinate the work of the three chapter committees which concerns state-wide problems.
6. That the Society immediately develop a constructive state program for the advancement of the profession in Michigan. Such a program to be paid for from certain of the funds now in the Treasury of the Society.

The committee feels that unification is here. The same men participate, the same freedom of action is possible, local, state and national. Confusion in the minds of the members will be eliminated and real money saved to strengthen the activities of the profession if we merely simplify certain existing procedures. No over-lapping committees are necessary as all chapters are at all times represented on the Board of the M.S.A. The Directors chosen by a chapter are in direct touch with the wishes of the Chapter Board who are following out the wishes of the indi-

vidual members. We feel that if the above recommendations are adopted, we can keep all of the advantages of unification to date and set up a definite clear-cut working method for keeping these advantages secure.

If, at some future date, the Institute should change its policy on incorporation of local chapters and in addition determine that one state-wide chapter would better serve their purposes, the proposed organization will fit perfectly into such a scheme. We have come to the conclusion that under the 'Michigan Plan' we have proceeded further than any other State. If further steps are necessary it is up to the Institute and not us. It is high time that we once and for all apprise the Institute of this fact so that we can quit talking about it and get to the more important business of the profession for which all of our organizations were originally formed.

MEMBERSHIP COMMITTEE GEORGE M. McCONKEY Chairman

Since unification of membership in the three chapters of the A.I.A. in Michigan and the Michigan Society of Architects is now an accomplished fact, with over 90% of the Michigan Architects as corporate members of the Institute and paying dues through the Detroit, Grand Rapids or Saginaw Valley chapters, the Society's Membership Committee is no longer necessary.

Following are the membership figures:

Architects registered in Michigan, who live, practice or are employed in Michigan	555
Membership in the three chapters:	
Detroit	420
Grand Rapids	61
Saginaw Valley	19
	500
Percentage of Institute membership	90%
Non-resident members of the M.S.A.	62
Total M.S.A. Membership	562

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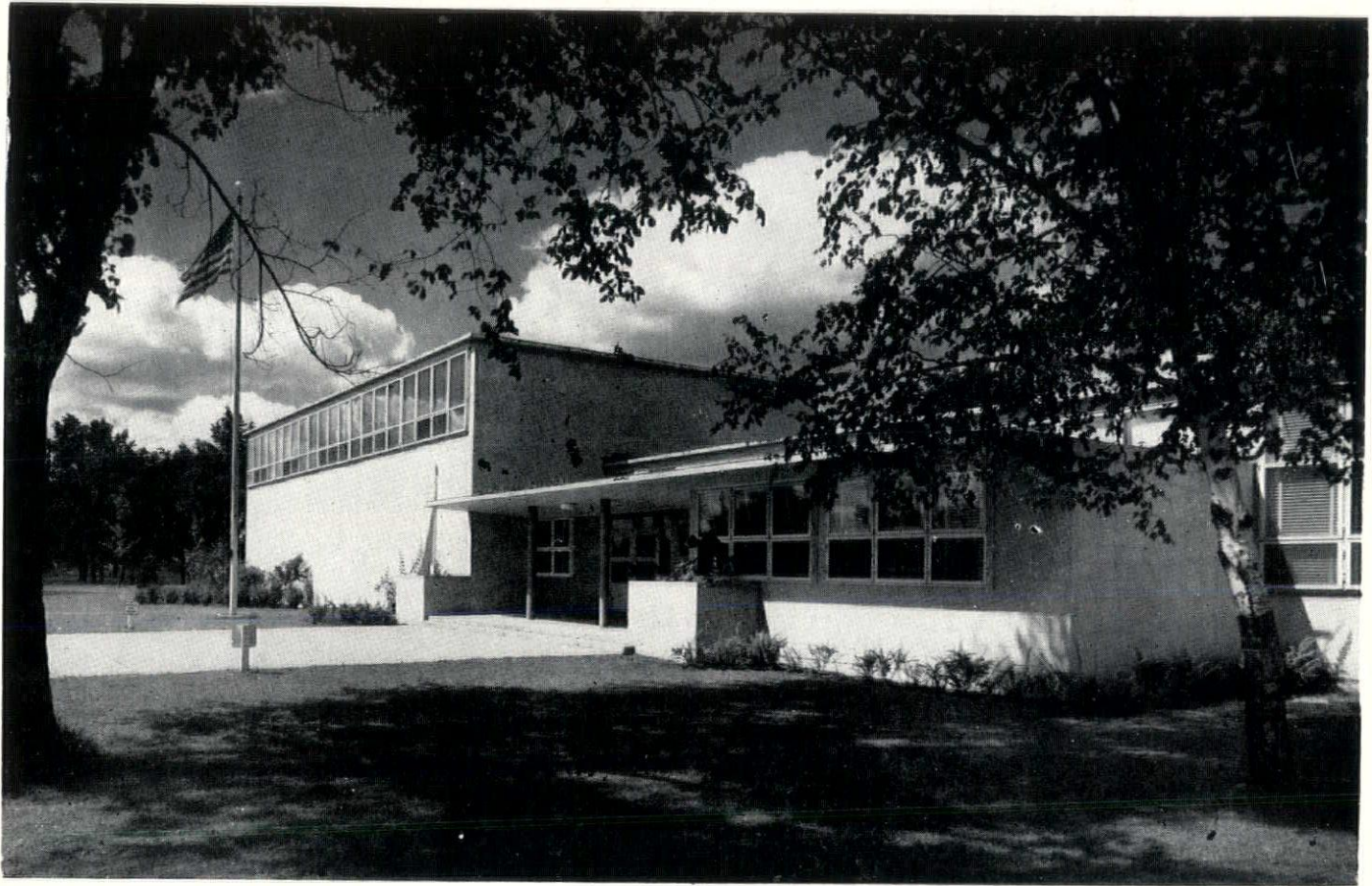
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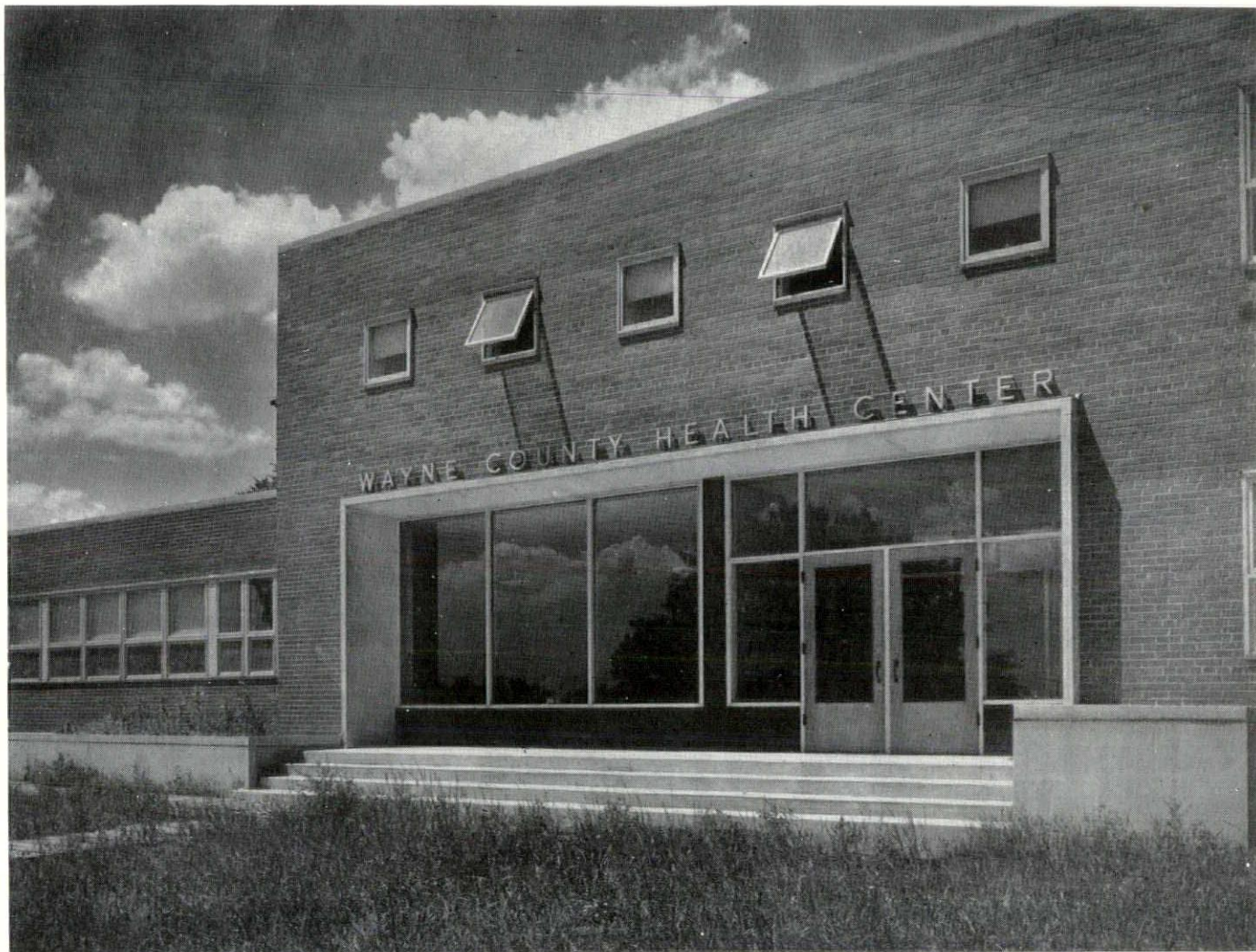


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DETROIT, MICHIGAN

On this and the facing page are shown views of the Community Building at Royal Oak, Michigan.

On the following pages, 88, 89 and 90 are other examples of recent work from this progressive office.

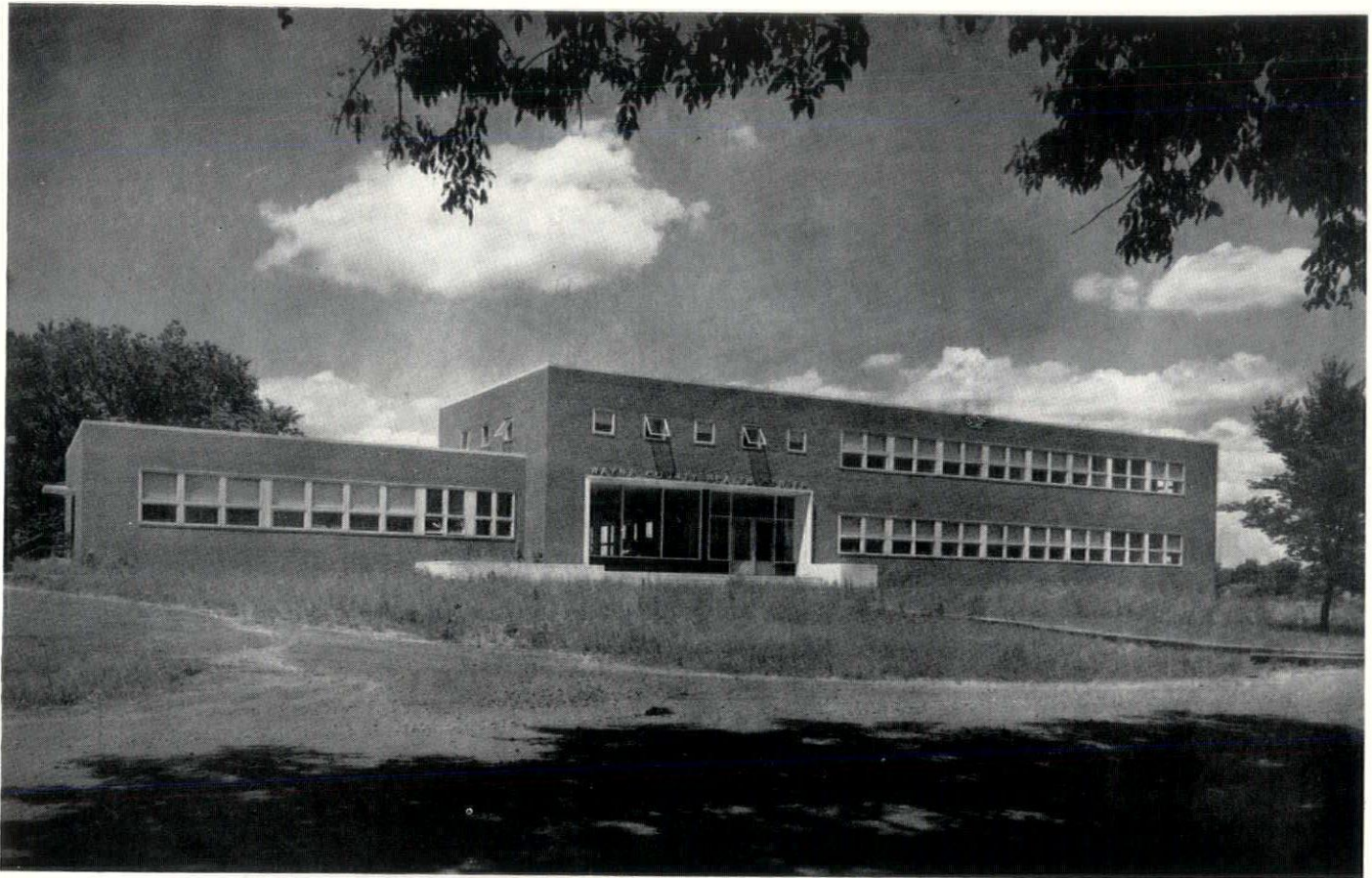


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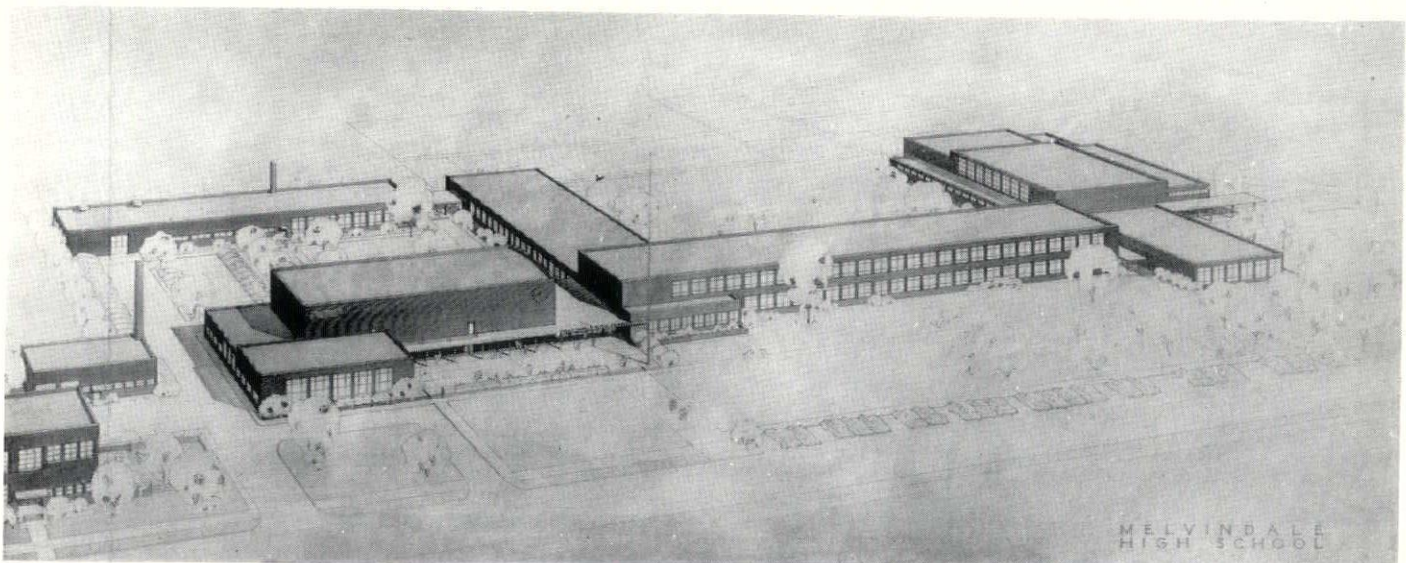
Clean lines and modern simplicity mark the design of the Wayne County Health Center, from the office of Everle M. Smith Associates, shown on this page and at the top of the facing page.



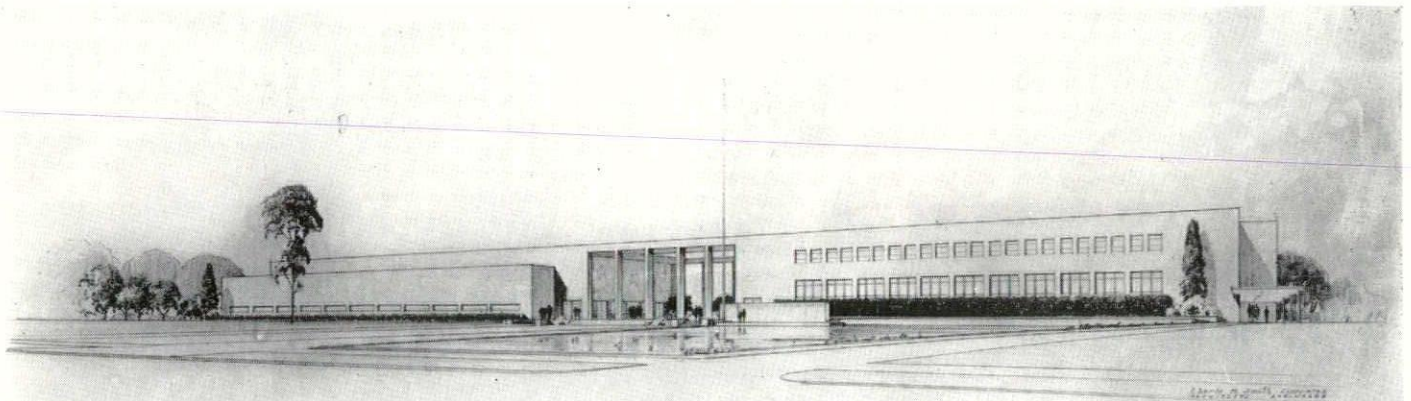
GENERAL VIEW

Wayne County Health Center
Wayne County, Michigan

EBERLE M. SMITH ASSOCIATES, ARCHITECTS



Melvindale High School
Melvindale, Michigan

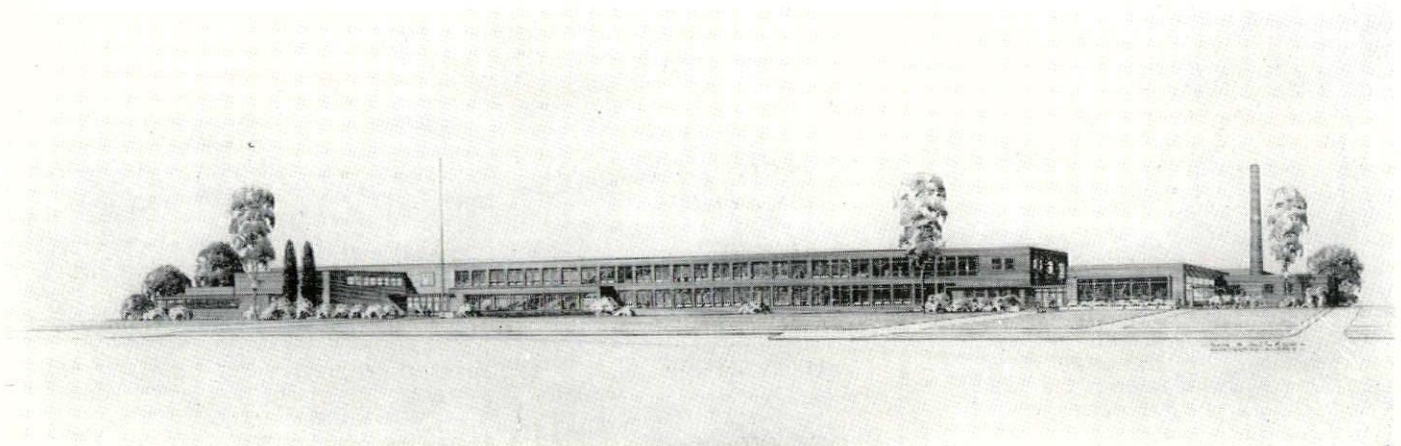


DEARBORN MEMORIAL
RECREATIONAL CENTER
DEARBORN MICHIGAN

Dearborn Memorial
Recreational Center

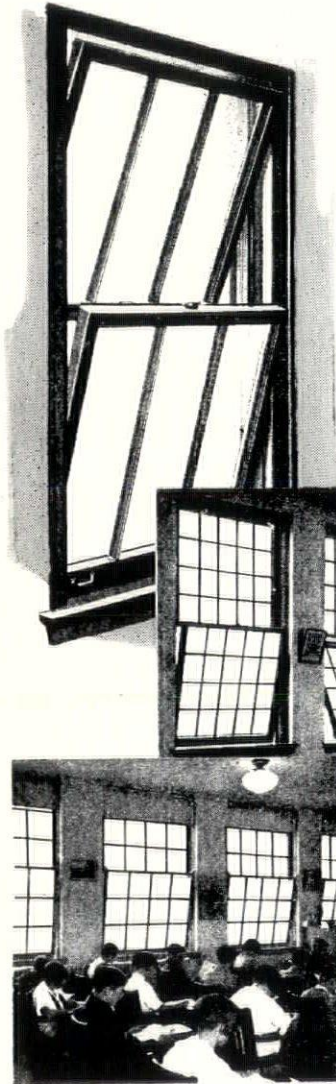
Dearborn, Michigan

EBERLE M. SMITH ASSOCIATES, ARCHITECTS



Livonia (Michigan) Township
High School

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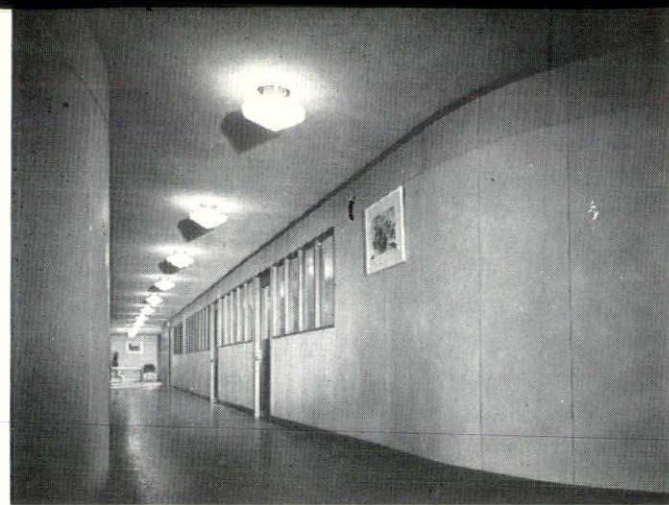
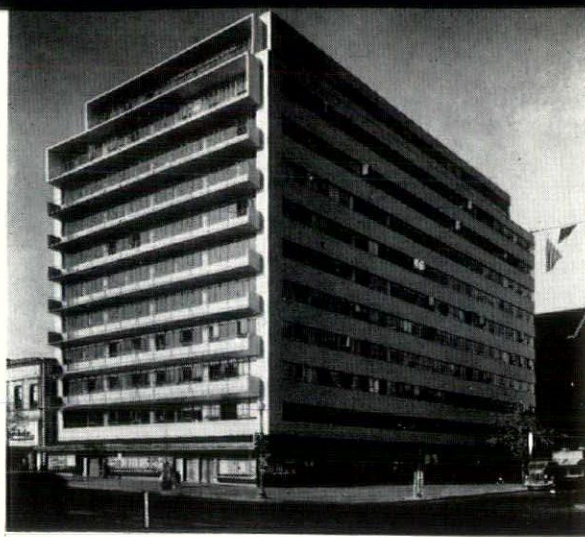
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THE LONGFELLOW BUILDING, WASHINGTON, D. C.

WILLIAM LESCEAZE, ARCHITECT

Faster, Cleaner, Simpler Installation Claimed For New METLWAL Method of Partitioning and Paneling

Featuring the use of only a few standardized parts, a new system of *Metlwal* partitioning and paneling is being manufactured by the Martin-Parry Corporation of Detroit, Mich., for new construction and modernization work. Among the advantages claimed by the Company are complete interchangeability of panels; complete workability on the job to meet field conditions; and simplicity of moving panels without waste when a floor plan must be changed. Martin-Parry believes that its *Metlwal* panels will lead to faster, cleaner and simpler installations; while giving the architect a free hand in creating an endless variety of new, modern decorative effects.

The basic *Metlwal* panel consists of an asbestos-lined steel sheet with corrugated steel backing. These panels are snapped on to steel studs set in floor and ceiling channels. This, says the Company, gives *Metlwal* both vertical and horizontal support for greater strength. The four major installation steps are shown on this page. All panels and parts are Bonderized against rust and corrosion. By providing an all-flush surface from floor to ceiling, *Metlwals* eliminate the need for plaster in new construction and for filler boards of other materials at ends or above cornice level.

The face sheets of *Metlwal* are pre-decorated; factory-finished in natural wood-grain reproductions or baked enamel finishes in a variety of colors. Martin-Parry claims that these surfaces will not chip, crack or craze . . . do not reflect harsh, metallic light . . . combine rich beauty, quiet and fire resistance with low initial cost, permanent economy and easy maintenance.

A *Metlwal* partition consists of two surfaces of *Metlwal* paneling, as shown

in the cutaway drawings. It is full 4" thick with a single line joint from floor to ceiling. Ample space for pipes and cables is provided. Slotted holes in the studs facilitate wiring. Both *Metlwal* partitions and paneling are finished at ceiling and floor with cornice and base sections, giving easy access to wiring.

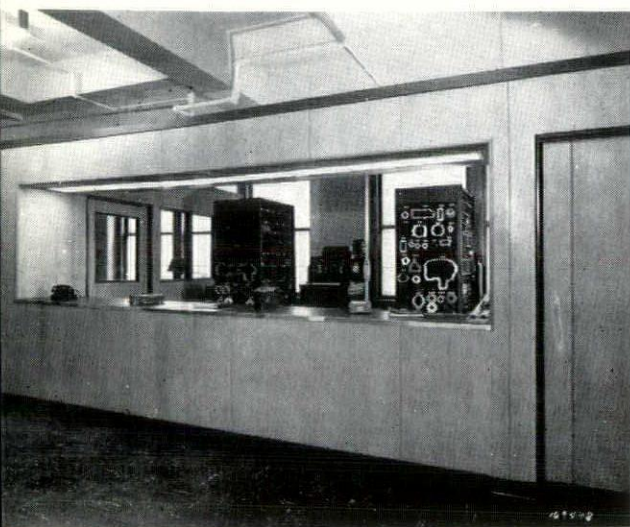
According to the Company, panels may be quickly and easily removed, separately, without disturbing the other panels. As the panels correspond to door sections, doors may be located at any desired location. Standard panel sections may be used as air conditioning or heating ducts. Special fittings, including cut-outs for switch plates, are made on the job with a saw, to meet field conditions.

The *Metlwal* line includes standard sections for ceiling and cornice-high partitions; glazed and standard movable steel railings; and such accessories as horizontal double sliding windows, hinged or stationary grill with shelf, information windows with shelves in 2 or 4-foot widths, vertical or horizontal pivoted sashes, hinged glass wicket with shelf, slotted metal bases for air circulation and standard glass panel doors with louvers and transom with concealed mechanical operating control.

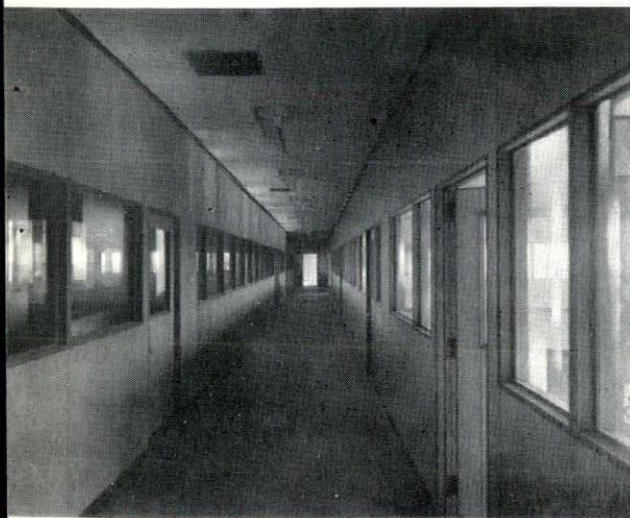
Metlwal is manufactured at Martin-Parry's new, 1120-foot plant at Toledo, Ohio. The Company says that its modern, fully-automatic equipment insures the uniformity necessary to preserve the interchangeability of *Metlwal* panels. The electrostatic paint spraying method is used in finishing *Metlwal*, while an automatic rotogravure process is employed by Martin-Parry to produce the woodgrain finishes on *Metlwal* panels.

WEEKLY BULLETIN

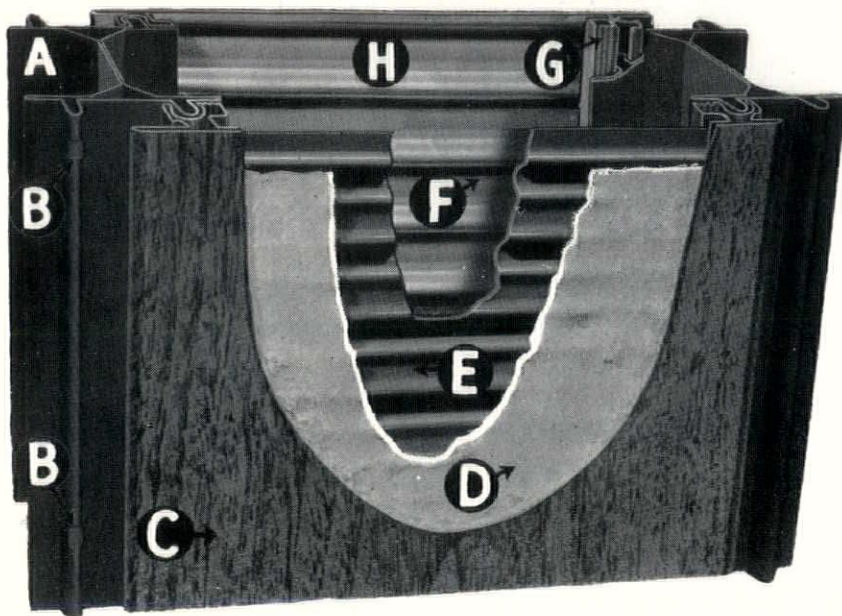
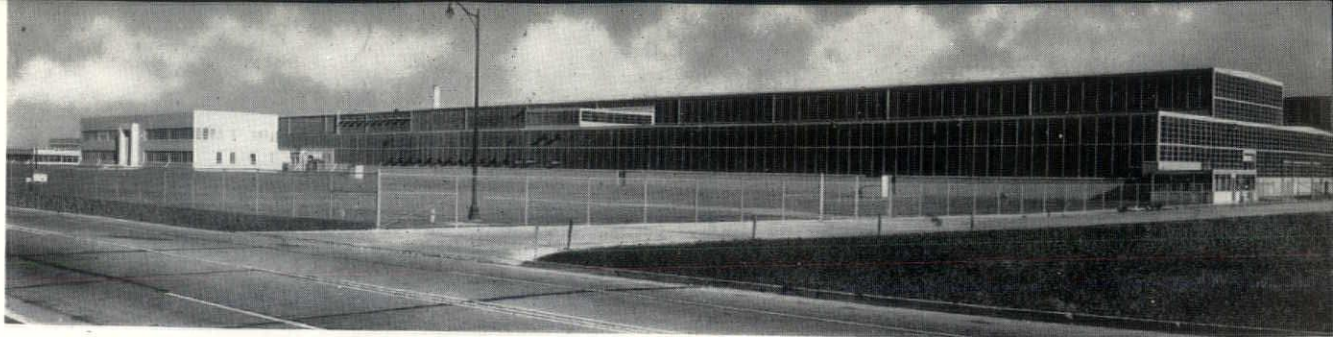
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The Good Housekeeping Shop—Detroit, Michigan
HARLEY, ELLINGTON & DAY, INC.,
ARCHITECTS AND ENGINEERS



ADMINISTRATION BUILDING,
B.O.P. Division, General Motors Corporation,
Wilmington, Delaware.
ALBERT KAHN
ASSOCIATED ARCHITECTS AND ENGINEERS, INC.

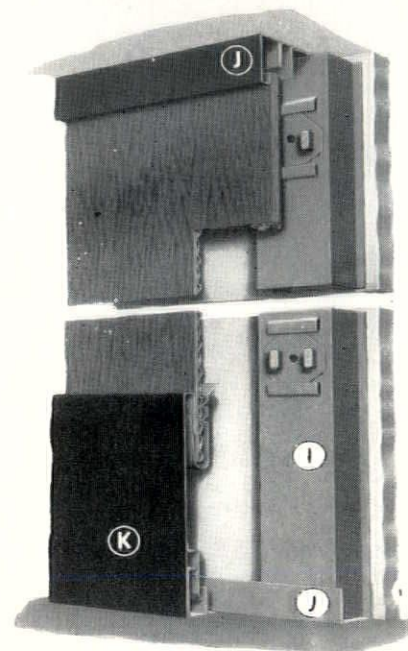


Martin-Parry's new Toledo plant - 500,000 sq. ft. of plant, 20,000 sq. ft. of air-conditioned office space.

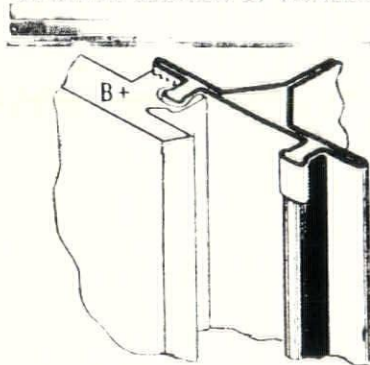


CUTAWAY SECTION OF PARTITION

- A—Steel studs (spaced 24" apart) for partitions.
- B—SNAP-ON INDENT—a special feature.
- C—Woodgrain finish on exterior surface.
- D—Asbestos lining.
- E—Corrugated backing affording horizontal support.
- F—Corrugated backing of reverse panel.
- G—Steel vertical panel stiffener.
- H—3½" air space.
- I—Paneling studs with clips attached (spaced 24" apart).
- J—Floor and ceiling channels receive paneling studs.
- K—Removable base section, interchangeable for paneling and partition.

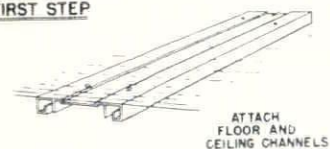


CUTAWAY SECTION OF PANELING



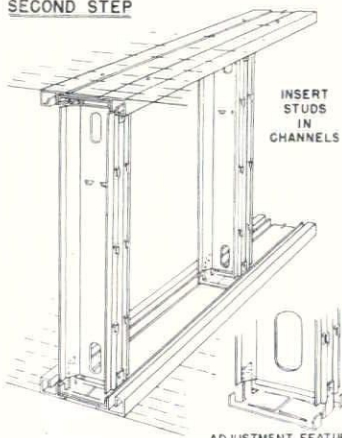
Cutaway showing how SNAP-ON INDENT engages in groove of Metlwal Panels.

FIRST STEP



ATTACH FLOOR AND CEILING CHANNELS

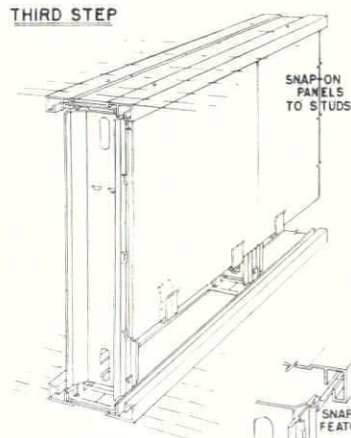
SECOND STEP



INSERT STUDS IN CHANNELS

ADJUSTMENT FEATURE

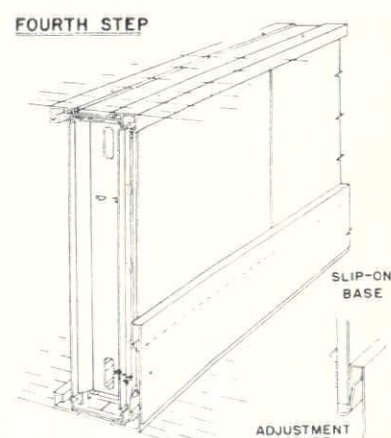
THIRD STEP



SNAP-ON PANELS TO STUDS

SNAP-ON FEATURE

FOURTH STEP



SLIP-ON BASE

ADJUSTMENT FEATURE

ATTACH FLOOR AND CEILING PANELS

INSERT STUDS IN CHANNELS
ADJUSTMENT FEATURE

SNAP ON PANELS TO STUDS
SNAP-ON FEATURE

SNAP ON BASE
ADJUSTMENT FEATURE

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AUDITORIUM

EMSEE THEATRE
Mount Clemens, Michigan

TALMAGE C. HUGHES, ARCHITECT

The nine-story Leader Building, to which the Theatre is an addition,
was done by the office of Weston and Ellington, Architects.
One of the existing stores was used as an entrance and lobby.



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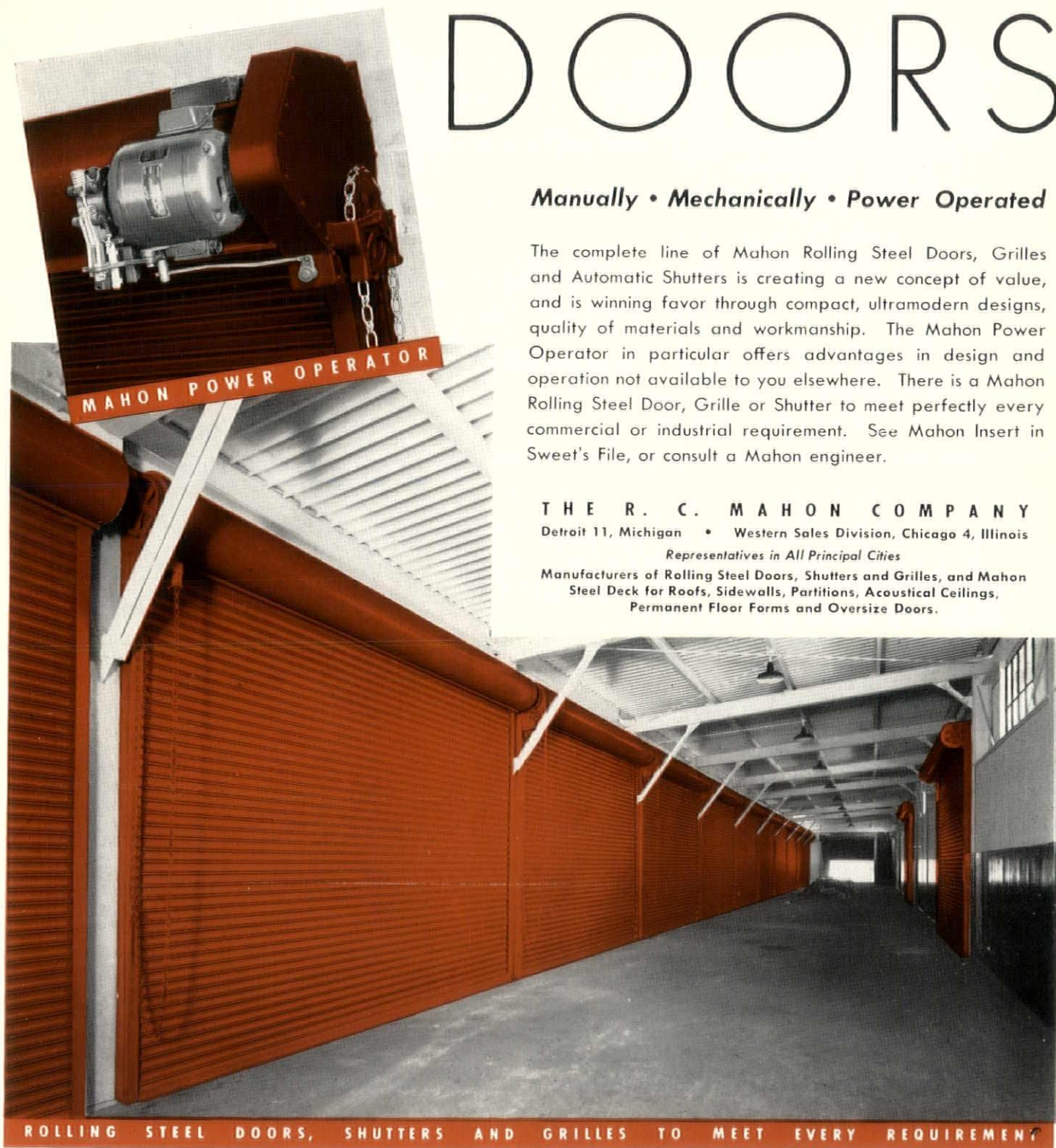
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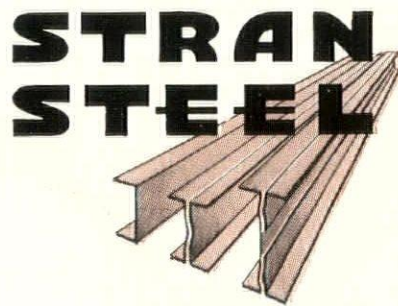
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