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WEEKLY BULLETIN

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No. 9

THE MICHIGAN UNIFICATION PLAN

AS PRESENTED BEFORE THE WEST MICHIGAN DIVISION, M. S. A., ON FEBRUARY 24, 1942

By Talmage C. Hughes

The problem is an important one, and a great deal could be said on the subject, but I shall endeavor to sketch it briefly.

First is the question, "Is a real plan of unification of the profession desirable?" To those who have followed Institute proceedings, exemplified by the last convention, it is obvious that it is not only desirable but necessary, if the profession and its national organization, The American Institute of Architects, are to make the progress that is expected of them. This comes from the chairmen of committees who are in the best positions to know, those of Unification, of Membership and others.

Mr. Frederic A. Fletcher, chairman, Committee on Unification reported, "There is some feeling to the effect that the most workable plan, eventually, will be to set up one state-wide chapter or association within each state, as the Institute organization of the state; this to cover the entire state by means of local 'sections' or 'units' and to include in its membership all registered architects both Institute and non-Institute. . ."

The next question is, "If this is so desirable, then why doesn't the Institute do it as a nation-wide plan?" The answer is, the Institute doesn't operate that way. Membership in the Institute is by individuals. Its business is carried on by a board of directors and by committees working under the board. A proposal submitted to the board is referred to a committee, which makes a report. It may be scheduled as a convention item. The convention can pass a resolution authorizing the board to take certain action. The convention resolutions thus form the work program for the board, and it is mandatory upon them to carry out such a program. It is not at all the field of the board to enter upon some program without having such instructions, representing the voice of a majority of members.

The Institute is progressive, but certainly not radical. It is not likely that any plan could be proposed that would

meet with the approval of every chapter and state association. What we propose would affect only Michigan, and would require a minimum of changes in Institute by-laws.

Having outlined the reasons for the plan thus far, I will say that perhaps I am not too well qualified to present it to you, for a good salesman is one who knows all of the objections to his product and has ready answers. I am not certain that I understand the reason why some of you have not favored the plan.

Let me here review the essential features, as given in a questionnaire which you have received:

The American Institute of Architects (Washington, D. C.) is incorporated under the laws of the State of New York. Its individual members are known as "Corporate Members."

The laws of the State of New York provide that only corporate members of such a corporation as the Institute may vote on matters relating to its property.

For the sake of greater unity and closer affiliation of the Architectural profession in Michigan, a plan is under consideration by a special Committee on Unification in which it is proposed that—

The Detroit and Grand Rapids Chapters of The American Institute of Architects, and the Michigan Society of Architects be combined into one state-wide organization.

That this new organization be a chapter of The American Institute of Architects, with as many branches as desired,

See UNIFICATION—Page 3

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UNIFICATION—(Continued from Page 1)

perhaps at the beginning the seven now known as divisions of the Michigan Society of Architects, namely, Detroit, Ann Arbor, West Michigan (Grand Rapids), Central Michigan (Lansing-Jackson), Southwest Michigan (Kalamazoo and Calhoun counties), Upper Peninsula, and Saginaw Valley.

This plan is predicated on the belief that ultimately there should be but one architectural organization in the United States—The American Institute of Architects—and that it could be broken down into statewide chapters, each with branches, and that practically all of the approximately 15,000 architects in the United States could be enlisted in this one organization, either as corporate members or associate members, and as full members of their state-wide chapters, and that there are perhaps three or four times that number of draftsmen and students who might be affiliated.

There is no desire to set up different classes of membership, or to place restrictions on voting power or the holding of office, in the State-wide organization.

It is suggested that the Institute board be petitioned to change its by-laws to create a new class of membership in the Institute, to be known as Associate Members and that such associate members be regular members of state-wide chapters, with full privileges of voting and holding office, except that only corporate members can nominate and elect others to corporate membership in The American Institute of Architects and that only corporate members of the Institute may cast ballots at Institute conventions. (This latter provision is necessary in order to comply with the laws of New York, but does not mean that a non-Institute member could not be a delegate to Institute conventions; it merely means that his ballot would have to be cast by an Institute member).

It is proposed that, when this becomes effective, all non-Institute members of the Michigan State-wide Chapter be associate members of The American Institute of Architects and full members of the state-wide chapter, and that election to full membership in The American Institute of Architects be, as at present, by nomination and election by the corporate members of the local branch.

The rights and privileges of associate members would be as determined by the Board of Directors of The American Institute of Architects.

These suggestions must be ratified by the Institute, the two chapters and the Michigan Society of Architects, but the Committee is offering them with the hope that the response may serve for guidance.

Some advantages of such an organization are—

1. One strong state-wide organization would be more effective than several small ones, because it provides the direct connection between its members and the national architectural organization.

2. One set of officers in one state organization, instead of three as at present, therefore simplifying necessary contacts.

3. Single payment of dues to one state organization. Only corporate members of The American Institute of Architects will pay dues direct to that organization.

4. Avoiding duplication of committee, and achieving better results with less work.

5. Avoiding duplication of meetings with better results from concentrated activities.

6. Less confusion on the part of city and state officials, legislative bodies, the public press, the public and the profession itself in dealing with one state-wide architectural organization which is a part of the national architectural organization.

7. The possibility of reducing dues for out-of-state mem-

bers by creating a non-resident membership in the state organization.

Replies to Questionnaire

1. Are you in favor of a plan worked out whereby the Michigan Society of Architects, the Detroit Chapter, A.I.A. and the Grand Rapids Chapter, A.I.A. would be merged into one organization which would be similar to the Michigan Society of Architects, but which would actually be a state-wide chapter of the A.I.A.?

174—Yes; 8—No.

2. If such an organization is formed, do you believe that members of the Board of Directors should be chosen by the same method as is now used in determining the members of the board of the Michigan Society, i.e., one director elected by each division and three elected from the membership at large?

179—Yes; 1—No (If your answer is "no," please set forth an alternative suggestion in a letter to be attached to this questionnaire).

3. Which of the following methods of electing officers for the State Organization would you prefer to have followed?

150—All officers elected by vote of entire membership after nominations by two separate nominating committees as in the Michigan Society of Architects at present.

15—All officers elected by the Board of Directors.

4. If such an organization plan is formulated to submit to The American Institute of Architects for approval, which of these names listed below would you prefer?

42—Michigan Institute of Architects.

9—Michigan Society of Architects.

125—Michigan Chapter, The American Institute of Architects.

5. Which of the names listed below would you prefer for the local organization ("Saginaw Valley" is merely used as an example).

7—Saginaw Valley Institute of Architects.

141—Saginaw Valley Division (of the Michigan Institute, Michigan Society or Michigan Chapter, as the case may be).

6. Do you believe that all members, whether corporate members of the A.I.A. or not, should be entitled to equal privileges in the state-wide organization as follows?

a. To vote for officers in local divisions and state-wide organization;

142—Yes; 19—No.

b. To hold offices in local divisions and state-wide organization (either as officers or members of the board.)

124—Yes; 33—No.

7. Which of the following methods of paying dues would you prefer?

48—State Organization dues to the treasurer of State Organization and local dues to the Treasurer of local division.

117—All dues to the Treasurer of the State Organization and to have him refund the local percentage to the local treasurer.

60—I am now a corporate member of The American Institute of Architects.

162—I am now a dues-paying member of the Michigan Society of Architects.

7—I am not a dues-paying member of either organization.

* * *

Comments

(Received with Returned Questionnaires)

ROGER ALLEN: "I enclose questionnaire, I have found,

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in thinking the matter over, that while I approve the basic principle of unification, I see what I consider to be serious objections to the plan, as it will affect the existing Grand Rapids Chapter of the Institute.

"By hard work over a period of years we have made a worthwhile organization of the Grand Rapids Chapter. It is in better shape today than at any time in the past. Much of this improvement is due to the inclusion in our membership of men who, under the unification plan, will be taken out of our Chapter, for geographical reasons, and assigned to other divisions. For instance, we will lose Langius, Rudine, Stewart and Zimmerman of Lansing; Stone and Kingscott of Kalamazoo, Sarvis of Battle Creek, and so on. They will become members of their area divisions and the Grand Rapids Chapter will be restricted to the immediate geographical vicinity of this city.

"I can assure you that this will neither strengthen the Chapter nor help the division of the Society, which will, of course, be one and the same thing. I realize that the answer will be that we will have a larger field to draw from if every registered architect in the west Michigan area is eligible for membership. But experience of a good many years in trying to get more than approximately 50 per cent of the architects in this area to pay their dues to ANY organization leads me to conclude that this answer is strictly no good.

"The real unification of the profession can be obtained far more easily, I honestly believe, by having both the Detroit and Grand Rapids chapters of the Institute, as present constituted, take into their membership every architect properly qualified and who has given any real evidence of a desire to aid his profession. In the past the standards of the Institute, while not too high, have been so rigidly interpreted and the personal element has been allowed to operate to prevent the inclusion of men in the chapters who should have been in. If we get these men in, the real reason for unification will evaporate; we will have as great a degree of unification as we require. The men not taken into the chapters will be men who would be of no value to any organization, no matter what it was called."

HAROLD A. BEAM (Question 7): "Emphatically, I am thoroughly disgusted with present method of paying dues to Michigan Society and also the Detroit Division of Michigan Society."

G. H. BENJAMIN (Question 5): "Do not believe in subdivisions."

STANLEY R. BRAGG: "If this plan goes through I believe there should be only one type of member."

G. B. BRIGHAM: "All members of this enlarged A.I.A. should vote—else no more progress than at present. Taxation without representation is intolerable."

JULIAN R. COWIN: "I am returning herewith the questionnaire sent out by the Michigan Society in connection with the proposed plan for unification of the architectural profession in Michigan under one organization which would be affiliated with the A.I.A. I am heartily in accord with this idea and believe the plan that has been worked out is very fine. I sincerely hope that members of both organizations will give it a strong vote of approval.

"As to the method of selection of directors and officers of the new organization, covered by questions 2, 3 and 6 of the questionnaire, I am not quite sure that I would consider the best plan, but believe that something could be worked out in which the directorate would normally have a preponderance of corporate members but should definitely have at least one or two members who were not corporate members. Thus the leaders of the profession who are normally corporate members would direct the activities in general but there would be some representation of the younger element on the Board.

"Incidentally, I would not personally be so hesitant about applying for corporate membership in the A.I.A. as I have been in the past, if this plan were adopted, as I feel that the A.I.A. would then speak for the profession as a whole with a much greater voice."

E. F. JANSSEN (Question 5): "Chapter is used in this case in most states. It would be well to keep this simple

and direct, and would be less confusing on nationwide matters.

PAUL KASURIN: "There should be no associate membership except students who are not eligible for corporate membership."

DONALD KIMBALL: "I am very much in favor of such cooperation. There has been a very great need for just such a consolidation of architectural unity."

W. V. MARSHALL (Question 1): "Provided dues in state organization are not excessively high."

VICTOR A. MATTESON: "As a member of the former Committee on State Organization, A.I.A., I am glad to see this movement under way. I wish our Illinois architects would get busy in some similar way. Best wishes for success of the attempt at unification and simplification."

HAROLD MAURER: "I think your proposed plan is excellent, except some restraint should be put on unethical architects from holding office and having control of things, such as we have in Indiana. Boys working for lumber companies, etc., shouldn't have equal say."

FRANK A. MILES: "I think this is a fine step towards professional unity and a spirit of fellowship."

HUGH T. MILLAR: "I believe that the M. S. A. has been the outstanding architectural society in Michigan and should not be subordinated to the A.I.A. Has the A.I.A. ever gone to bat for the Michigan architects? The M. S. A. has, and is still at bat."

GEORGE B. RHEINFRANK: "Can the Institute. New name—Architects Society of America."

HENRY F. STANTON (Question 1): "Yes, if such a change is approved by the A.I.A. and is the generally accepted form throughout the country. Otherwise the answer is no."

"I do not believe the answers to the above questionnaire are logical or can be logical because the issue is too complicated. Any attempt to use the information collected by this questionnaire, in my opinion, would be misleading and dangerous. The answer to every question above is qualified."

CHRIS STEKETEE: "If I am well informed and believe approximately 80% of the architects in the M. S. A. do not belong to the A. I. A. Obviously there are reasons, to be determined at our next convention. Every state must strive for its own strong society, delegating a few members as representatives to a national congress of architects. Let the A. I. A. remain as is, an honor society (international) where members are elected only for accomplishments in the field of architecture."

JIM STEWART: "My decision to vote against this plan is the result of a continuing confusion in my mind as to the logic behind such a move rather than my desire to be a 'spoil sport.' I am of the opinion that much more ground work is necessary before any plan of this nature is brought to a vote. I believe I have listened to the pros and cons of the thing and with as open a mind as possible and am frank to admit I am still at a loss to understand it all. I have been for it—and I've been against it. I am convinced the arguments against are as good as those for it, but am registering a negative reaction with the hope that it may be of some value. I would perhaps put my true reaction into words if I were to voice my own and others' thoughts in the matter by merely saying 'What the hell's the rush?' I am still open to conviction and will cooperate with you no matter what the result of this questionnaire might indicate."

WILLIAM A. STONE: "Some form of membership provision must be made for draftsmen—a non-voting but participating one."

R. W. TEMPEST: "Not a dues-paying member of either organization, but get new organization going and will become full-fledged."

PAUL TILDS: "I am highly in accord with the plan of unification with the American Institute of Architects as presented with one exception. It appears to me that the first two paragraphs on page two are contradictory and while I believe I can understand the reason for this it seems to me that ultimately all members should become corporate members of the Institute. If such a goal cannot be achieved within a certain length of time I believe the entire setup

should be discarded. I am not in sympathy with two classes of membership in an organization with this kind and would much prefer to see our present Michigan Society of Architects retained in preference to a class membership in the Institute."

MORRIS WEBSTER: "Answer No. 6 as no is done with the belief that eventually after, all or most states have followed suit, if every one who could vote would have to be corporate members that the dues of corporate members could probably be reduced so that maybe at \$10 a member total (National—State—District membership) and then an even greater percentage of architects would be paying members of the unified organization than are paying members to the Michigan Society of Architects at present."

HARVEY WEEMHOFF: "Would prefer to remain a full member of M. S. A. as is than as associate with rank—2, 3 or 4—in a New York organization. Think each state should best know how to take care of its own problems."

EDMUND J. WHITING: "The aims of the proposed unified organization are without question most praiseworthy. However, in spite of the advantages listed in the report, I hesitate to support the unification plan in its present form."

"At least two possible causes for concern appear:

"1. The proposed merger would admit all registered architects in Michigan to the Institute. It has been my unfortunate experience to observe at first hand, in the several communities in which I have practiced architecture, that a certain percentage of the profession will time and time again engage in unethical practices. The advantage of increased revenue and greater professional solidarity (?) to the Institute by the inclusion of these architects would be more than offset by the loss of public and professional prestige and respect.

"2. Even if the national A. I. A. will sanction 'associate' members, I do not believe that a state Institute organization divided into 'associate' and 'corporate' members would be a strong united body. The two types of membership would provide a bone of contention from start to finish extending from the local branches to the central organization. Any concerted action for the benefit of the profession would possibly be more difficult to secure than under the present system as the members of the present Society stand at least on an equal footing.

"The A. I. A. needs more members. Let's not, however, make the matter of membership a 'buying in' process, grabbing everyone available. Let's rather strive to raise the professional standards of the Institute and increase the professional value of the Institute to the point where every self-respecting architect will be proud to pay his dues just for the privilege of including the three letters, A. I. A., after his name."

HENRY J. MCGILL: "As a non-resident member I should have little to say. I have admired the M. S. A. and should the various societies unite I would no longer be a member of an enterprising group of Detroit."

JAMES WILLIAM KIDENEY: "There is none in the profession whom I admire more than Clair Ditchy, but after reading Ken Black's comments, I can only say, Amen." President, N. Y. State Association of Architects.

Analysis of Returned Questionnaires

By the Secretary, Talmage C. Hughes

There is a preponderance of votes in favor of such a plan. The 8 "No" votes were all cast by architects in the Grand Rapids chapter area, except for Whiting, of Detroit.

Whiting gives two reasons: that all registered architects in Michigan would be admitted to the Institute; and that two classes of membership in the state organization would be a bone of contention. Both are based on misunderstanding, for all architects would not become Institute members, and there would not be two classes of membership in the state organization.

Twenty-four architects in Grand Rapids Chapter area voted for the plan.

Allen's "Yes" vote is at least partially nullified by his letter. I do not agree with him when he says, "This will neither strengthen the Chapter nor help the Division of the Society, which will, of course, become one and the same

thing." It will take away some of the Grand Rapids Chapter members who live in distant cities. It will do the same to the Detroit Chapter, but is this of more importance than providing other cities with equal facilities to organize and become important parts in the national and state bodies? An architect should not have to travel a great distance to attend a chapter meeting, and perhaps if they didn't have to more would join. Certainly, the plan should greatly strengthen the divisions that can support one organization but not two.

For some years it was said the Michigan Society of Architects was more a Detroit Society of Architects. This was answered by creating Divisions. Now we seek to make it more state-wide and to aid all areas to become more active. What Grand Rapids loses in Chapter members can be more than offset by increased membership in a combined organization, as well as by increasing corporate membership in the Institute. It is to be noted that several who have never joined have stated that if such a plan is accomplished they will be glad to become members.

Jim Stewart is at a loss to understand it. I believe those on the Committee feel that, if it suffers from anything, it's too simple. In preparing the questionnaire, aside from the first question all the others were details, because we couldn't think of any others. To his question, "What's the rush?" we refer him to Ken Black's personal comments in his interim report. The Institute is about 80 years old, and we are still wondering why it is not able to really represent more than 20% of the architects in the country.

Henry Stanton would favor the plan only if it is the generally accepted form throughout the country. We can be sure that no plan will ever be so accepted unless it is started in some state. The advantage of this plan is that it doesn't have to put into effect all over the country at once.

McGill is mistaken in saying that as a non-resident he could have no part. There will be provision for non-resident membership at lower dues.

One thing stands out—they think well of the Michigan Society of Architects and its present form of organization—and they would like it even better if it had a more direct connection with the A. I. A.

A large majority favor the name, "Michigan Chapter of The American Institute of Architects," with the local designation of Division.

Even though only a few Grand Rapids members voted "no," the Committee realizes that it must have the complete approval of the Grand Rapids Chapter, if the plan is to be presented to the Institute.

As I understand it, there is a feeling here that it would mean the breaking up of the Grand Rapids Chapter, and that you would lose some of your members. I can assure you that if any such results were in prospect, the Detroit Chapter would be the last to favor it. The Detroit Chapter is over 50 years old and so is the Grand Rapids Chapter. They are both offsprings of the Michigan Chapter. They have been built up until just now they seem to be in positions to really go ahead.

Then you might ask, "Why not leave them alone?" The answer is that we want to make them even stronger and, what is more important, to strengthen other areas in the state, the state Society, the Institute and the profession as a whole.

Let's look at the national situation. There are about 180,000 physicians in the United States. Approximately 120,000 or 68% are members of the American Medical Association. The architectural profession numbers about 15,000, and approximately 3,000, or 20%, are members of The American Institute of Architects. We are small in numbers to begin with and certainly we should endeavor to concentrate on one organization. There are probably three draftsmen to every architect, making a total of 60,000. Sixty or seventy percent of that number would make a powerful organization.

That there could be one state-wide organization containing all architects registered in Michigan, some Institute members and some not, may sound contradictory, but it is not. Every member of the State organization would have equal privileges of voting, holding office, etc., but aside

from this, present corporate members of the Institute would retain such membership and new members would be elected in the Institute as in the past. Election would be by local divisions, but it is suggested that the board of the State Chapter be empowered to make nominations, then if the local division did not take action within a reasonable time the state board would have power to do so. This should have the effect of overcoming inactivity.

It seems to me that, in addition, the goal should be that expressed by the new executive secretary of the State Board of Registration, Watts A. Shelly, that is to assist in stabilizing the profession of architecture in Michigan and improving its standing in the community, so that it will compare favorably with other professions.

I believe that our plan is gradually becoming more acceptable to the Institute as one by one obstacles are being removed. A recent letter from Mr. Oberwarth indicates that he now sees only one serious stumbling block—that of non-Institute members holding office in a chapter. I wonder if it is. The Institute now permits a non-Institute member to be a delegate to Institute conventions, but he must cast his ballot through an Institute member. How much less important it is, then, for one to hold office in a chapter, where no Institute business is transacted. This problem would probably never arise, anyway, for at present out of 18 directors of the State Society only one is not an A. I. A. member, and he has been invited to join. If this is true before unification it would seem that all the more emphasis would be placed on Institute membership after the plan is adopted, and Institute members would just naturally be elected, because of their activity.

However, a simple remedy would be a clause in the by-laws to the effect that in the event that a non-Institute member is elected to office in the State Chapter, in order to qualify he shall be elected to membership in the A. I. A.

I believe that your chapter would function just about as it does now, electing its own members in the Institute, with direct contact with Washington continued. The chief difference would be one organization locally, instead of two.

STUDENT CHAPTER ELECTS OFFICERS

Announcement has been made of the recent election of officers in the Student Branch of the Detroit Chapter, A.I.A., at the College of Architecture and Design, University of Michigan.

Wilmar F. Nuechterlein was elected president; Walter M. Laitala, vice-president; Norman Andersen, secretary; Robert Henick, treasurer.

Committee chairmen include Belva Barnes, New Activities; Martin Engstrom, Membership; Wesley Webb, Program; and John Dinkeloo, Publicity.

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DUES OF SERVICE MEN WAIVED

The board of directors of the M. S. A. has voted to waive the dues in the Society of any members in military service of the United States, provided his rank is below that of commissioned officer. The board will be glad to receive information about such members.

Denison B. Hull, Chicago architect, has announced his candidacy for the Republican nomination for congressman at-large.

Gale F. Parmelee is now employed as architectural checker at the Illinois Ordnance Plant at Carbondale, Illinois. He also served in the same capacity at the Hoosier Ordnance plant, recently completed at Louisville.

"Our Natural Resources and Victory" will be the subject for discussion at the Monday, March 2, Film Forum meeting at 7:30 p.m., in the auditorium of the Main Library. "Oil from the Earth," an unusually interesting documentary film, will be shown.

Film Forums are presented weekly by the Public Library. The national sponsors of the project are the American Library Association, American Association for Adult Education, and the American Film Center.

Film Forums are a new and stimulating way of becoming informed about the vital issues of today.

Tickets are available free of charge at the Library.

Councilman George Edwards, formerly executive secretary of the Detroit Housing Commission, will discuss Detroit's housing problems at 7:30 p.m., Tuesday, March 3, in the auditorium of the Main Library, Woodward and Kirby.

This is the third in a series of practical talks on the problems of the average consumer called "The Consumer and the War."

Bulletin:

Rudolph Stanley-Brown tells me the "Mae West" houses—as they call the Igloo down in Washington, are attracting so much attention that Fairfax County, Virginia, has become one vast parking space for the automobiles of visitors who come to see 'em. Rudolph said the explosion was a loud one, when a loosened strand of chicken wire reinforcement punctured the fabric of the balloon.—Hubert G. Ripley.

I want you to know that I am indeed grateful to have been placed on your mailing list. I find myself very much interested in what you are doing in the State of Michigan looking towards unification. This is a patent problem, and personally I am looking forward to some adequate solution.—Harlan Thomas, Director, A.I.A., Western Mountain Dist.

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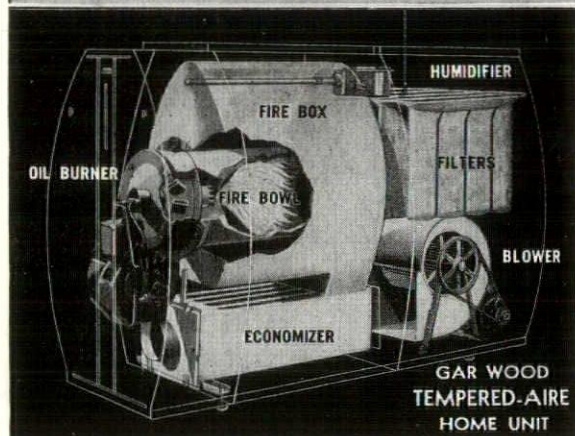
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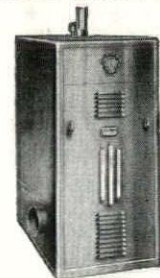
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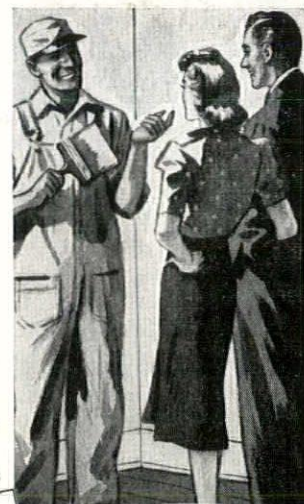
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WEEKLY BULLETIN

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DETROIT, MICHIGAN, MARCH 10, 1942

No. 10

ARCHITECTURAL UNIFICATION IN MICHIGAN

As presented to the Grand Rapids Chapter, A.I.A., at Hotel Olds, in Lansing, March 4, 1942.

The plan was discussed before the West Michigan Division of the Michigan Society of Architects, in Grand Rapids, on February 24. In addition to the report at this meeting, as published in the Weekly Bulletin, many questions were brought up and discussed, resulting, I believe, in considerable clarification.

Grand Rapids members have rendered a service to the Committee in pointing out what appeared to them to be obstacles. Some of these were points which had not yet been dealt with by the Committee, and have, therefore, served to guide the work in the right direction. The work of Messrs. Rindge, Mead, Flanagan and Seeger, as members of the Committee has been most constructive.

Many of the objections have been based upon misunderstanding, but those from the Grand Rapids area were, on the whole, very real.

A recent letter from Mr. Lancelot Sukert, of Washington, states,

"I have read carefully and given my best consideration to all of the arguments, pro and con, presented in the Weekly Bulletin, with respect to the proposed plan of unification. It seems passing strange to be sitting on the sidelines when that subject is under discussion. Unfortunately, without discussing it with those who hold the Institute in reverence, as well as with those whose hearts burn to accomplish unification, I may have missed or overlooked some of the essential points.

"To me it seems quite simple. The A.I.A. bases its membership upon selective qualifications. It might be termed vertical. The Michigan Society of Architects bases its selection of membership upon registration. Being without selective qualifications, it might be termed horizontal. The M.S.A. could not become selective. The Institute could become democratic. Therefore, the basis of the movement seems to my mind to be an attempt to turn the Institute from a selective to a democratic organization.

"Some years ago Fugard, Ned Purves and I, perhaps others, all hit upon the idea of changing the color of the A.I.A. membership, in order to permit its becoming truly and honestly representative of the profession as a whole. We were first shushed, then pushed down. The group guiding the Institute's policy did not like it. Maybe times have changed and with them the ideas of Institute membership. Maybe the M.S.A. has the answer. Personally I would rather see the Institute recognize the need for the change and announce it to the profession, than to be pushed into it under the guise of one of its own banners, namely unification.

"The M.S.A. and the A.I.A. both have their places in the scheme of things. Both the M.S.A. and the Detroit

Chapter might disappear entirely and emerge as a state chapter of a national democratic architectural organization. If that is what is wanted, why doesn't someone say so?"

The reply to this letter is as follows:

"Thanks for your comments on our unification plan. There would necessarily be a few minor changes to Institute by-laws, but I do not believe that points you mention would be obstacles.

"I can assure you that the movement has nothing to do with membership in the Institute. We have no intention of trying to make the Institute democratic, or of making the Michigan Society selective.

"What we are undertaking is to combine the Detroit and Grand Rapids Chapters and M.S.A. into one organization—a state-wide chapter of the Institute. Present corporate members of the Institute would remain as such and new members would be elected to the Institute as in the past. Therefore, some of state-wide chapter members would be Institute members and some would not, but all would be known as 'members' of the state-wide chapter, with equal privileges of voting and holding office, and at the same dues, in the state chapter. That would be complete unification in the state, as there would be but one organization, with branches.

"We further propose that the Institute create associate membership in the Institute, and that all of our non-Institute members be associate members of the A.I.A. This would afford a more direct connection than at present through state association membership.

"From this it can be seen that, aside from allowing a chapter to have in its membership both Institute and non-Institute members, and allowing non-Institute members to hold office in a chapter, the Institute would not be affected. I wish you would read carefully the March 3 issue of the Weekly Bulletin for some explanation of this.

"Let's assume that a group of policy holders in the New York Life Insurance Company formed a local club in Detroit, and another group of policy holders in the Michigan Mutual Company did likewise. They might band together because of a mutual interest, one group a unit of a National organization, another a unit of a State organization. We are in a similar position, and seem to overlook the important

See UNIFICATION—Page 3

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ALUMINUM SOUND FILMS TO FEATURE MARCH 10 DINNER

Unfinished Rainbows, A New, Authentic and Dramatic Historical Technicolor Sound Picture, Covering More than 100 Years of Scientific Progress in the Field of Aluminum, Promises Architects and Guests Real Entertainment on March 10 at the Rackham Memorial

Although one-twelfth of the earth's crust is aluminum, less than 100 years ago it was so difficult to separate from its compounds that it cost \$545 a pound. After years of research, American resourcefulness and determination found the practical low-cost way of isolating the metal and as a result, aluminum today costs but 15c a pound. "Unfinished Rainbows", produced in technicolor in Hollywood with an outstanding cast of characters, tells the amazing story of aluminum. It is inspiring, dramatic and entertaining.

In addition to "Unfinished Rainbows," the Aluminum Company of America will show black and white sound films covering "Aluminum—Mine to Metal" and "Fabricating Processes." Because of the importance of this critical metal in the war program today and because ingenuity is being and will be mustered to find even more peace time uses for a war time expanded production, the Program Committee arranged the March meeting in order that architects here might hear about the dramatic development of aluminum in the most delightful way possible.

The War Production Board has just announced that "domestic production of aluminum would be quadrupled to 2,100,000,000 pounds a year." The United States will have a top rate of more than 2,500,000,000 pounds when the entire program is complete and this is not a paper program, as a large part of the necessary contracts have already been let. The possibilities of turning the record breaking facilities of this great industry into peace-time uses stagger the imagination.

Cheap aluminum may revolutionize building methods and many of the conveniences of life. The story of how the cost of this amazing metal has been reduced from \$545 a pound to 15c is one of the thrilling romances of American industry. This story, graphically presented in the technicolor sound film, "Unfinished Rainbows," tells how a great industry has been built on the foundation of sound research.

MORE BEAUTY

An Editorial in the Pontiac (Mich.) Press, Feb. 24, 1942

Our American Institute of Architects may be right when it says the country need beautifying here and there, but the rub comes in trying to figure out just how to go about it. Making the merchants crochet their awnings and paint their sidewalks a warm yellow might meet with the approval of artists of the modern school, but others of more flaming taste might not be satisfied with anything less than Gen. MacArthur roses in front of billboards and compelling our cops to wear spats.

What the architects seem to be getting at, however, is the laying out of city parks and streets, with special emphasis on the location of libraries, city halls and other public buildings. They also profess to be greatly interested in finding a solution to the parking problem without detracting from a city's well groomed appearance. If these ambitious technicians can find a scheme to provide more parking space we're perfectly willing that they just forget the rest of the vexing problems they're tackling.

In trying to pretty up the average city and be practical at the same time, why don't the architects lay out a master plan for placing all hospitals in the neighborhood of bad intersections and the municipal offices in high buildings overlooking the ball parks? The jail could be placed close to the railroad tracks so the knights of the cinder highway could easily find their way out of town after doing their stretch as the city's guests.

Once the towns have been touched up in an artistic way, the architects might turn their attention to the rural scene. Baby ribbons on highway markers should be effective, to say nothing of fetching landscapes painted on roadside gasoline stations. However, we profess being a little depressed over the whole idea of beautifying the country, noble as the experiment might be. The beauty parlors have tried it—and we must in frankness say, with uncertain success.

MARCH 10, 1942

Calling All Architects!

TO JOINT MEETING

Detroit Chapter, A.I.A.

Detroit Division, M.S.A.

RACKHAM EDUCATIONAL MEMORIAL

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Program at 8:00 P.M. If you are unable to attend the dinner, come and see the picture.

Neal Gabler is desirous of securing back numbers of the Weekly Bulletin. He has bound volumes for all years from 1935 to the present. Any one who has numbers dated earlier than that will confer a favor by making the fact known.

* * *

Lewis J. Sarvis is architect for a new \$535,000 public health school building at the University of Michigan.

Funds for the building were provided by the W. K. Kellogg foundation of Battle Creek and by the Rockefeller Foundation of New York.

* * *

St. Clair Pardee of St. Johns has been named as the architect for several of the Michigan armory projects, including those at Owosso, Alma, Ypsilanti and Mt. Pleasant.

UNIFICATION—Continued from Page 1

point that we are all architects. I see no serious obstacles in combining the State groups. Maybe some of them are Elks, Odd Fellows or Eagles.

"You know, the Institute has no title or interest in any property of a chapter, nor is it liable for any debt of a chapter, and vice versa. Therefore, a chapter, with but few limitations, is supreme in its area.

"The Michigan Society of Architects is very strong, thanks to you and others. Perhaps it is in a position to lead the way. Suppose other states follow suit, wouldn't we then have one organization nationally, with corporate members and associate members. In so doing corporate members would know associate members better and increase Institute membership by electing those known to be qualified.

"I certainly would be the last to favor another national architectural organization, whether democratic or otherwise. We need fewer organizations, not more. It seems the more organizations the fewer members.

"Does this statement affect your opinion. I should be glad to hear further."

At the last meeting of the Detroit Chapter 53 were present, at the last meeting of the Detroit Division, M.S.A., 35—a total of 88. Only seven were duplications, so it could be assumed that if the two meetings had been combined 81 would have attended. A similar condition would prevail in Grand Rapids.

MacCORNACK SEES BRIGHT FUTURE FOR ARCHITECTS

Tells Detroit Chapter Members Profession Faces Big Problem in Post-War Program.

As difficult as is the situation in architecture today, the profession is facing the greatest opportunities of all time if we are to meet and solve the post-war problems, Walter R. MacCormack, Dean of the School of Architecture, Massachusetts Institute of Technology, told Detroit Chapter members at a dinner given in his honor Friday evening, February 20th.

The only reference made to his school was a statement that they are now overhauling courses so that after the war the architect may take a much more important part in national problems. He touched upon the Washington situation, stating that the Institute's new full time representative, Mr. Edmund R. Purves, is doing fine work in letting governmental officials know that architects are alive to the situations which the country now faces. The next thing, he said, is for architects to do a good job and to cooperate more closely with the other professions.

Emil Lorch, F.A.I.A., president of the Chapter, presided and introduced a number of new members, as well as some distinguished guests, including Mr. Walter Blucher of Chicago and our own distinguished members, Mr. Eliel Saarinen and Mr. Albert Kahn. President Lorch stated that in the old days architects were too narrowly trained, pointing out that we have gone a long way in recent years in becoming more socially minded and conscious of the broader aspects of architectural practice.

Mr. Albert Kahn stated that he was proud to see the Detroit Chapter such a live and prosperous organization, which change he said was quite noticeable since his last attendance.

Mr. Saarinen said that he enjoyed the meeting because he liked to listen and he liked to speak, particularly to the ladies. He had reference to Miss Belva Barnes, a member of the Student Chapter, who was present. He expressed the belief that there is a large field for girls in the planning professions today, adding that we need more lady architects and fewer interior decorators.

Mr. Blucher, secretary of the National Association of Housing Officials, with headquarters in Chicago, was formerly secretary and city planner in Detroit. He stressed the importance of city planning today and said that the architects should broaden their field and become more active in this work. Mr. Blucher said that he had ceased to recommend to communities that they set up city plan commissions because he knew that the next question would be, "Where can we obtain an experienced city planner?" The speaker said that he could place 25 men in good jobs today if he could find those who are qualified.

Others who spoke briefly at the dinner meeting included Professor Jean Hebrard of the College of Architecture and Design, University of Michigan, Alex Linn Trout of the Citizens Housing and Planning Council, and Clair W. Ditchy. Mr. Ditchy spoke on the plans for the Institute's convention to be held in Detroit, June 23-26, saying that he hoped that a tangible expression of the things discussed would be the result. He quoted General Knudsen as saying that if the manufacturing interests show the splendid record that the building industry has, the future paths would be easier.

President Lorch touched upon the exhibit of housing, which is current at the Art Institute, characterizing it as the most splendid effort in many years.

Following the Chapter dinner, members adjourned to the small auditorium of the Detroit Institute of Arts to hear a lecture by Dean MacCormack. His title was City Planning. He covered the subject in a most comprehensive way and left many worthwhile thoughts with his audience. Following the lecture there were comments by others and a question and answer period. We expect to publish the text of Dean MacCormack's lecture in a future issue of the Bulletin.

This program was one in a series which added emphasis to the exhibition of housing shown at the Detroit Institute of Arts through February.

LIVING ROOMS SHOULD EXPRESS THE OWNER'S TASTE

by Helen Burrowes

Miss Burrowes, daughter of Marcus R. Burrowes, F.A.I.A., writes the women's page for the Farmington Enterprise. This article appeared in that paper on February 19, 1942.

What does your living room say about you? Does it tell people visiting it for the first time your favorite colors, what books and pictures you like, what your hobby is? Or does it merely tell them that you read current magazines on home decorating and do exactly what they tell you?

While it's true that most of the magazines devoted to interior decorating do have valuable suggestions for arranging your house, they should be accepted as just that—suggestions, and not commands. Not everything they advise is attractive, nor is everything they deplore in bad taste. After all, a living room is meant to be lived in, and you and your family are the ones to live in it, not the experts. So put in what you want, regardless of their raised eyebrows, and you'll at least have a room a little more distinctive than most.

Character can be introduced into a living room in many ways. One of the best is the presence of books—but books that have been read, not row on row of matching unused sets. If you shelves are large, it is a good idea to break the solid ranks of books with colorful china and glass ornaments.

If you collect something, whether it's pottery figures, glassware, or any of the many things now so popular, you possess a very good way of making your living room express your personality. Get some inexpensive shelves, hanging or otherwise, and display your collection. One of those useless small, windows can be turned from a liability into an asset by fitting it with glass shelves and using it as a showcase.

Change the small, easily movable pieces of furniture, the pictures and ornaments, around every so often. Otherwise you may get so used to your living room you won't see it as it really is. A mantel-piece arrangement especially should be subject to frequent shifts, since it's usually the focal point of the room. Instead of one large picture on the chimney wall, try a group of smaller ones, or some of your best china plates (good china is a very successful though seldom used, wall decoration). On the mantel-piece itself, rotate your favorite ornaments, most attractive flower arrangements, etc. You'll appreciate them much more if you're not accustomed to seeing them always in the same place.

But whatever you do, make sure the room looks like you, not a picture in a magazine.

NEW MEMBER, G. R. CHAPTER, A.I.A.

Arthur J. Zimmermann, East Lansing, architect with the State Administration Board, Division of Buildings & Construction, has been admitted to membership in the American Institute of Architects and assigned to the Grand Rapids Chapter; according to information received from Chas. T. Ingham, Secretary of the Institute.



Zimmermann

Mr. Zimmermann graduated from the College of Architecture at Ann Arbor and spent some time in foreign travel, visiting most of the European countries. He worked in the Detroit offices of Hugh Keyes, Robert O. Derrick, O'Dell & Diehl and the late Ernest Thulin, and in the Pontiac offices of Leo Heenan and W. C. Zimmermann. For a period of three years Zimmermann maintained his own office in Marine City. In 1934 he entered the State Highway Department as a designer, transferring to the Buildings and Construction Division in December, 1935.

Zimmermann's election brings to 24 the number of corporate members in the Grand Rapids Chapter. Of this group, four are from the Lansing area.

ALLEN SKEPTICAL OF CONVENTION

Dear Sir Mr. Hughes;

I note in your valuable family periodical a statement as follows; the banquet at the MSA convention in Lansing will be unique because neither Clair Ditchy nor I will be toastmaster.

This will gratify a large number of persons including me.

As a matter of fact, it may interest you to know that I have lately been talking to a much higher class of audiences. I am definitely and unmistakably getting up there. Only last week for instance I addressed 1,050 inmates of the Jonia Reformatory. You could hardly expect me, after this, to be satisfied to relapse into the old habit of talking to a lot of riff and raff such as generally accumulates about an architects convention.

In all probability this convention will be quite a mess as I am gave to understand by my operatives that K. Black and A. Langius are running it and anyone who has ever watched, with a pitying smile, these two goons pooling their joint efforts to try to wad a shotgun will have a clear picture of what their convention will be. I would refer to it as mediocre if I knew how to spell mediocre. It is a fact beyond question that K. Black was going on 8 before they could teach him to wave by-by, while A. Langius had to leave Zeeland under a cloud because day-old chicks kept chasing him up trees. I relate these facts not in any spirit of criticism, as both these gentlemen are fine fellows in a spastic sort of way, but just to avoid any let-down feeling on the part of those who arrive at Lansing expecting the proceedings to take place in any known language.

I wish to give K. Black and A. Langius credit for one bit of caution; up to the present time they have not announced in loud ringing tones that they expect to make a big profit for the Society out of this convention. That gag is not getting the laugh it used to.

Furthermore, the toastmaster they have selected, Mr. Bill Corey, is a man of the highest attainments and one who loves to buy food and drink for architects whose names begin with "A." On many an occasion Mr. Corey has won my heart with his artless prattle and the marvelous dexterity with which he snatches up the check. At various times in the past five years Mr. Corey has been telling me a story about a turtle, a saloon and an umbrella but the recital has been constantly interrupted by food, floor shows and another round of celery tonic to such an extent that we never actually got the turtle out the saloon door. Life is like that, though, don't you think?

In brief, Mr. Corey is one of Nature's gentlemen, with improvements by Otis. I think highly of him. I wish him well. I am not even going to hiss him. I am not going to let Ditchy hiss him. This will be harder, as Ditchy has a slow leak in his upper plate that gives out with a hissing sound even when he is perfectly satisfied with everything, which is never. A curious character, Ditchy.

Frankly, I had toyed with the idea of asking Branson Gamber and Jim Spence to ride bicycles up and down before the Hotel Olds bearing banners reading "K. Black and A. Langius are Unfair to Toastmasters Local 1167 1/2" but I gave this up. I also gave up Gamber and Spence. Them and their limericks.

Respectfully,

ROGER ALLEN.

Frank H. Wright, chairman of a committee to collect material for an architectural exhibition to be held at the Society's Convention in Lansing, April 3 and 4, states that responses have not yet come up to expectations. The purpose has been published in the Bulletin. Please read it and get busy.

* * *

Bernard J. DeVries, Muskegon Architect is one of several chief members of a group of Architects and Engineers on a \$20,000,000 bomb loading plant for the Army, at Dixon, Ill. He will be associated with Louis Kingscott, of Kalamazoo, and the Chicago firm of Hazlett and Erdal.

SKUNK GULCH NEWS

By C. E. (Areaway) Harris, R. A., B. S. A.
Owosso Press Assoc. Spec. Corresp.

A highlight of the present social season was the charming open house at which Mr. Stanley Simpson entertained in his beautifully appointed early American home on the lower river flats last February 18.

The guests, members of the Central Michigan Division of the M.S.A., colloquially expressed themselves as "knocked cold" by the beauty of the place and the 5'-0" entrance door which snuggled quaintly under the eaves.

Mr. Ralph Herrick was the picture of grace as he poured, attired as he was in lovely tweeds of a delicate tint, while Mr. Simpson circulated vivaciously among his guests, keeping an eye upon his priceless bric-a-brac. The several severe cases of frost-bite having been allayed, many were drawn to the table by the delightful aroma of broiled cow which Mr. Hartwick was so masterfully preparing. Among those who supped prettily on daintily carved portions, charmingly served, were noted Mr. Sampson of Jackson, and Messrs. Black, Stewart, Stow and Rosa, with their guests Mr. Took and Mr. Hetrick of Lansing. The erudite company was regaled by Mr. Langius, recently returned from Washington, where he conferred with Eleanor on his part in O.C.D. as a tight-rope walker. Eventually rolled away from the table were Messrs. Zimmerman and Ackley. Prominent among the guests loomed a Mr. Dennison of Standard Sanitary. (Privately we understand that Mr. Dennison did not donate on the inside plumbing, which may be the cause of this apparent oversight in an otherwise well-planned home.)

The four corners of the room being well above freezing by this time, many of the company removed their hats and overcoats and indulged in light slumber while the business meeting was presided over by Mr. Zimmerman. Mr. Carl Rudine, not being present, was unanimously elected Director for the ensuing year.

This frothy business disposed of, many bestirred themselves to a table of tiddly-winks, while others indulged in Flinch, with the result the log walls were soon ringing with merriment.

All too soon the delightful evening was brought to a close and the guests regretfully tried to make their departure over the private drive which winds so picturesquely through the Simpson estate.

S. J. HERMAN

Dr. S. James Herman, physician and sociologist, who pioneered the idea of rehabilitating Detroit's blighted areas and for whom the Herman Gardens Housing Project was named, is dead in Los Angeles, Calif., after a long illness.

Dr. Herman was instrumental in obtaining Detroit's first housing survey and largely as a result of his efforts the Michigan Housing Association was created in 1927.

Coming to the United States from Germany in 1890, when he was 16 years old, his ambition was to study medicine. Eleven years later he was graduated from the medical department of the University of Maryland.

He came to Detroit in 1903 and, after practicing medicine for two years, turned his attention to mechanical engineering. For 20 years he was executive vice-president of the Diamond Power Specialty Co.

In 1922 Dr. Herman lost his sight. This did not deter him from studying, however, and in 1926 he obtained his M. A. from the University of Southern California after specializing in the social sciences.

Dr. Herman had planned to do medical research, but the loss of his sight prevented this. Instead, he devoted himself to the study of criminology and sociology. It was through these studies that he became interested in housing problems.

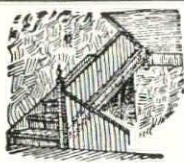
Dr. Herman retired to Los Angeles late in 1937 after he had suffered a stroke, returning to Detroit for one short visit. His wife, two daughters and two brothers live in California.

Dr. Herman's many friends in Michigan will mourn his loss.

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A sample of Roger Allen's daily column in the
Grand Rapids Press

Ted T. postcards the revelation that "the first dive bombe
was Carrie Nation."

"If we fail to buy Defense bonds now, and get interest,
he then concludes, "we will find out about Nazi bonds the
have no principle and very little to interest us."

* * *

THIS WAS BOUND TO HAPPEN.

A soprano soloist in Chicago, engaged to sing at a funeral,
decided to do a bit of shopping before the service, accord-
ing to the A.P. Reaching the church just in time, she
caught an usher, handed him a box containing her pur-
chase, and asked, "Will you take care of this for me?" He
nodded solemnly.

When she rose to sing, she saw atop the casket her new
spring hat, a mass of violets and hyacinths.

* * *

I sometimes wonder what a political candidate expects to
gain by having his picture printed.

* * *

WORLD'S WORST VERSE.

A lady from near Charlevoix
Exclaimed very loudly with joir,
When on sending a sweater
She got a nice letter
From camp, signed "Your own Charleboix!"

* * *

Who remembers when if congress passed a bill to spend
a million dollars, the papers would print a piece about it?

* * *

FABLES FOR THE FORTIES.

Once upon a time there was a Conservative Citizen who
owned a Mansion with a Yard full of Sculpture from the
best Iron Foundry in Erie, Pa. He had several Iron Deer
an iron St. Bernard with a non-refillable cask hung to his
Neck, and quite a number of other Beautiful Objects made
out of Boiler Plate. He also had a Hitching Post represent-
ing a Small Colored Boy holding out a Ring to tie the Lines
to. He would walk around admiring the Ferrous Fauna
and the other Bric-a-Brac and remark, "I don't know any-
thing about Art but I know what I Like."

His friends would Argue with him. "Throw that Junk
out and get Modern," they would advise. "Who Makes with
a Hitching post any Longer?" they would inquire. "Throw
those Beasts back in the Blast Furnace, Elmer; you are mak-
ing yourself a Laughing Stock."

Elmer paid them no Never Mind. "Some day those Statues
will be appreciated. Some day that Hitching post will be
useful again," he would say to himself.

Came 1942 and the Iron Art came in very handy indeed;
they hauled it away and melted it down to make Tanks
out of it to give Hirohito a Hot Foot; horses came back into
use and were tied to the Nubian. But this did Elmer no
Particular good as he had been gathered to his Fathers
some years previous.

This proves that there is no Percentage in sticking around
just to Say "I told you So."

* * *

When people say "He makes his living by his pen,"
they mean he's a writer. Or possibly he raises pigs.

* * *

The war will really come home to American youth when
a small boy has to have a priority number to buy a rubber
band for a sling shot.

Roger Allen.

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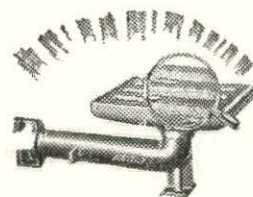
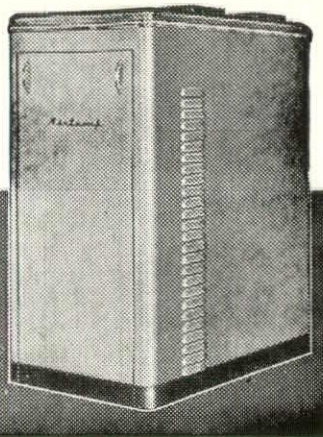
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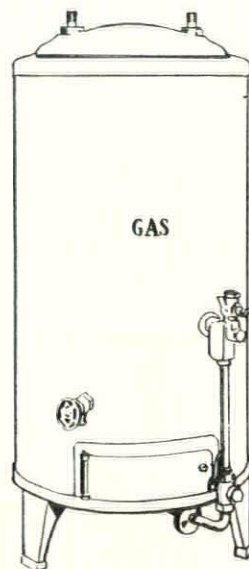
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Vol. 16

DETROIT, MICHIGAN, MARCH 17, 1942

No. 11

Announcing a lecture by

ERIC MENDELSON

EMINENT EUROPEAN AND AMERICAN ARCHITECT

Engineering Society of Detroit, 100 Farnsworth Avenue
Monday, March 16, 1942, 8:30 P. M.

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As one of the prominent young architects of Europe who had received important commissions in the field of commercial work, including department stores, office buildings, motion picture theaters, etc., Mr. Mendelsohn some years ago came to America to make a study of our systems. When he returned to Europe he found plenty to do and made good use of what he had observed.

He became even more progressive and went to England, where he did outstanding work. He was architect for the Einstein Tower, near Berlin, an observatory in honor of the scientist; the British Hospital in Palestine, and many other notable structures.

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ART IN HOUSING

By Joseph Hudnut

In the February number of the Bulletin of the Boston Society of Architects is a masterly essay by Joseph Hudnut on The Art of Housing. It is so good, I hope you find place for it in your Bulletin --Hubert G. Ripley.

Several years ago I asked an architect who had just completed a housing project (not in the Boston area) to tell me the principle upon which he had designed his facades.

"I got them," he said, "from the plates in Ramsay's Late Georgian Houses."

For some reason the remark seems less preposterous, after the passing of years, than at the time it was made. Not that the XVIII Century flavor he gave his facades has grown less congruous to the busy life which they enclose, but rather because these facades, whatever may be their absurdities, reveal at least the consciousness of an art in housing; of a need for feeling and for expression, as well as for science, which is too often unacknowledged in the bleak exteriors of our more recent projects. Strange as it may seem, these Georgian exteriors were added on with love; a love which was illusioned no doubt and misdirected but which was nevertheless real. The architect, I think, built with his heart, and the structures he has erected tell us so. We perceive beneath the veneer of his scholarship an intention to convey a mood, a thought; and that perception seems to lift his work above the arid materialism which clothes the more advanced science of our own day.

Not less of your ingenuity, gentlemen, not less of your admirable common sense and practical genius, your commendable solicitude for the public purse. More of these, not less; but could you not, without abridgement of your zeal for firmness and commodity, include also that sympathy for the human no less than the technical objectives of your program which, fused into your buildings, might illumine their dismal efficiency? I do not suggest that this light should be made to shine from Georgian or Tudor adulteries, or from trimmings and furbelows of any other style, or from anything added on, whether added in the name of taste or of scholarship; still less from the application of principles and rules of form gathered from the textbooks of aesthetes. I suggest, rather, that the architect should discover and guard some deeper purpose in his work than that of mere shelter and sanitation, and that he should find the means, as an essential part of those practical processes by which materials are assembled and shaped for use, to make this purpose evident. I mean, in short, that the housing project should be not an agency for social reconstruction merely, but also a theme for art.

It should be understood that I am not speaking of an abstraction. I do not use the word art in the drawing-room sense of something to talk about. The art I have in mind is essentially a process of giving emotional content to things made by man. That is in a housing project something real and very much to the point. I shall go so far as to say that, without such art, (which I will call architecture), the housing project will fail as an agency for social reconstruction. Those wise and compassionate persons who — in their zeal for cleanliness and fresh air, for decent sanitation and comfort, for economy and sound construction—have ignored the arts of expression little know the subtle force of idea and emotion in human affairs. They would persuade us with argument when the way to our heart lies open before them. It has yet to be proved that mechanical refrigerators have power to promote the good life; but the power of window-boxes has been proved a hundred thousand times.

DAY AND EVENING COURSES
— In —
ENGINEERING AND CHEMISTRY

Detroit Institute of Technology

303 Downtown Y. M. C. A. Building

Spring Semester Starts February 2nd, 1942

Dear Sir Mr. Tal Hughes:

I don't see, but it seems to me,
That there is too much contention;
By able men who wield the pen,
About this here convention.
I read today, Roge Allen's lay,
About our fine committee,
He takes a crack, at Kenneth Black,
And for Languis has not pity;
In years gone by, we ask not why,
'Twas either he or Ditchy,
Who gave the toast to the honored host,
In language strange and pitchy;
Says Ken and Gus, are in a muss,
And calls it mediocre,
He seems to think, it's on the blink,
(You know he's quite a joker);
He says that I, just love to buy,
Drink and food for Architects,
And goes on to say, in his subtle way,
That I always snatch the checks;
Well that may be, and far be it from me,
To take issue with this man;
He's keen of wit, and I will admit,
He's a cunning Artisan.
He sits up nights, and writes and writes,
A column for the press,
His stuff is clean, you know what I mean,
And full of cheerfulness;
Now why should he, poke fun at me,
And Gus and Kenneth Black,
We'll admit he's good, but he really should,
Be patting us on the back.
As a Toastmaster he, has a pedigree,
A past master of the art;
I like his grin, with that double chin,
And he's really good at heart;
But what does he mean, when he vents his spleen,
On Gus and Kennie Black?
Why the hell, does he have to tell,
Such things of a long way back?
Ken may have been, a little shy when,
He was a boy of eight;
But we'd have you know, he's not so slow,
At least not so of late;
And he says that Gus, made an awful fuss,
'Cause Chicks chased him up the trees;
That may have been true, but I'm tellin' you,
I've seen him with "Chicks on his knees";
For Roger and Clair, I really care,
Both are fine fellows I know;
As Toastmaster they, have gone a long way,
And they always put on a good show;
But they're "Birds of a feather, and can't last forever,
No matter how good they may be;
Changing horses in season, is surely not treason,
So why all the Hell-i blee.

Bill Cory. 3. 10. 1942.

Charles E. Firestone, of Canton, O., had been appointed by Governor John Bricker of Ohio, as a member of the State Board of Examiners of Architects.

Mr. Firestone is widely known in the architectural profession, having served two terms as President of the Architects Society of Ohio.

* * *

How are you getting along with your work, Tal?

Thanks for the splurge! You make me feel as if I was welcome to bore you with these thoughts . . . but for architecture's sake shut them off when and as . . . both of our reputations are at stake! Mine isn't worth much more than a good steak and the invitation is always out for you to come out and have one with me . . . they're dandies!

Now that you have the boys under way to unified, I might ask if you believe in clubs for women, too?"

Not unless kindness fails, eh?—BILL REID.

THE FEUD CONTINUES

My Dear Hughes:—

Please cancel my subscription to your scurrilous publication.

Is it necessary to print the sort of drivel that appeared in the last issue over the signature of Roger Allen? If I thought the combined assets of Allen, the Bulletin, and your own sweet self would amount to over ten dollars I would sue you for \$100,000.00 and settle for whatever you could scrape together.

Judging from the flood of fan mail that has come in since the formation of the Anti Ditchy Or Allen For Toastmaster Club, it is apparent that only two people in the world fail to understand why the club was formed. Must I tell you who those two people are? Or can you guess?

It is difficult to describe, in language you can print and stay out of jail, the reasons behind the action of the committee in ignoring both Ditchy and Allen in the selection of a toastmaster for the coming convention. (Plug.) It would probably be libelous for us to simply say that we found a better man, so we won't say it. However, a gentleman from Grand Rapids (name of Flanagan) who is more fastidious in the matter of humor than I am, put it very neatly when he quoted an old agricultural axiom to the effect that "When the corn gets too high—cut it down." I submit that we have had about all the corn we can take from Ditchy and Allen. And as proof of the fastidiousness of Mr. Flanagan's brand of humor and of the admirable restraint he displayed in his selection of a quotation, I would like to say further that any phrases or epigrams of an agricultural nature that occur to most architects when they think of either Ditchy or Allen, seem to have their origins in the barnyard rather than in the open fields referred to by Mr. Flanagan.

Many people will be surprised at the milk of human kindness which runs out of Allen's mouth in his remarks about Bill Cory. But don't be deceived. The cunning hand of the master is at its best when dishing out such flattery. A wolf in sheep's clothing if I ever saw one.

You will recall that about a year ago Mr. Allen spent considerable time and, by his own admission, a lot of Bill Cory's money in the Motor Bar. In doing so he was attempting to get himself attached to the payroll of the research division of the Otis Elevator Company for the purpose of perfecting his invention of a stationary elevator for a one story building. This matter was duly reported in the Bulletin at the time. The Bulletin did not report, however, that in addition to this idea for supplementing his modest income, Mr. Allen firmly believed that it would be a good thing for his liver if he could become associated with a company which has more ups and downs than a Geisha Girl on a bed of hot spikes.

Mr. Cory, understandably, was not impressed either by Mr. Allen's invention or by the condition of his liver and it was felt, for a time, that Bill's callousness in this matter had embittered Mr. Allen's soul. Can it be that Allen has collected his forces for another offensive? If he has, you may be sure it will be an offensive offensive.

Yours for a good convention—even if Allen and Ditchy do show up. And don't forget the dates, April 2, 3, and 4. Or the place, Hotel Olds, Lansing, Michigan.

Regretfully,

KENNETH C. BLACK

George Howe of Philadelphia, Pa., has been appointed supervising architect of the Public Buildings Administration, Federal Works Agency, succeeding Louis A. Simon, who retired on December 1, 1941.

He has been associated with the office of supervising architect since 1939 in a consulting capacity. Until 1928 he was a member of the firm of Mellon, Meigs & Howe of Philadelphia. In 1929 he formed a partnership with William Lescaze and together they designed many large schools and commercial buildings. Mr. Howe is a member of the American Institute of Architects.

ARCHITECT OF THE COLOSSAL

From Who Magazine As Condensed in The Reader's Digest

MARC A. ROSE

Albert Kahn, the genius of design behind many of our new defense plants.

At Willow Run, Michigan, 20 miles from Detroit, the random trees of a pleasant farm have given way to a forest of steel columns set in rows two thirds of a mile long. All 62 acres have been put under one roof. Inside, there is not a single partition. It is the largest building ever erected all at once; its few rivals in size have grown by accretions. Presently army bombers will roll from its great door—150 feet wide—directly onto its mile-square flying field.

This \$47,000,000 Ford bomber plant was designed by Albert Kahn, architectural specialist in the gargantuan. In his lifetime he has been architect of two billion dollars' worth of structures on six continents. At 72 he is busier than ever before, speeding up housing of our defense industries. His staff of 500 crowds five floors of a Detroit building; he has 100 men in the field supervising construction. Kahn has already designed 50 huge defense plants. The Chrysler tank factory, the Hudson Motor's naval ordnance plant, the Wright airplane motor plant near Cincinnati (all 16 major league baseball teams could play in it simultaneously) are typical.

Albert Kahn has revolutionized industrial architecture. His factories are handsome—well proportioned, with clean, simple lines, bold patterns. They are light, well ventilated, not only efficient but pleasant and healthful. The trend he started has swept America. Millions of workmen thus owe him thanks, though few of them realize what dingy firetraps factories were 40 years ago, before Kahn began letting sunlight into them.

This reform was deliberately achieved. "I have always contended and we have proved that it costs no more to plan for the welfare of the men and make the plant bright, comfortable and good-looking as well as efficient," he says.

Kahn arrived in Detroit from Luxembourg in 1879, oldest of six children of a dreamy, impractical rabbi. Failing to get a synagogue, his father peddled fruit. His mother ran a lunch counter near the Michigan Central station. Albert helped them both (there was no more school for him) and besides got a job in an architect's office. But he was soon fired—out of kindness, his boss said, explaining that he had no aptitude for the work. Besides, he smelled strongly of the stable, from currying papa Kahn's horse.

Shortly thereafter, the boy had a stroke of good fortune. Julius Melchers, father of Gari Melchers, famous American artist, offered to give him drawing lessons on Sundays. He did so well that Melchers got him a job with another architect. Here he stayed several years, sometimes eking out family earnings by working nights as a waiter.

During that time Albert Kahn had his first success. When he was 21, he won the American Architect scholarship—\$500 for study abroad. He was bewildered in Europe, didn't know what to study, until he met by chance and traveled for three months with Henry Bacon, Jr., the cultivated young architect who was later to design the Lincoln Memorial in Washington. Kahn speaks of that trip as his real education in architecture.

Back in the United States, he was glad to get commissions to remodel small houses. His engineer brothers joined him. Louis is still general manager of the firm. Moritz died a few years ago. Felix is one of the famous "Six Companies" group which built Boulder Dam. The firm's first important job came in 1903: the University of Michigan's \$150,000 engineering building. That year Albert also built an apartment house of reinforced concrete, a daring departure at the time. Although such construction had made a start in Europe, methods were still clumsy and expensive. Americans had experimented with it; sometimes their buildings collapsed. Kahn's apartment proved sturdy and his courage had momentous results.

About this time his brother Julius, whom he had helped to become an engineer, returned from a job in Japan. He

asked Albert how he had calculated the strength of his reinforced concrete. "By guess," said Albert frankly. "There are no scientific data." Julius went to work on the problem, designed a type of reinforcement in which the strength of steel-concrete columns and beams could be calculated precisely.

An alert general of the Army Engineers was enthusiastic over published reports on Julius's experiments. Would the Kahns supply their type of reinforcement for the new War College buildings? They had no real experience; no one was making the kind of steel they would need. But they said yes, and did it.

By now the automobile industry was transforming Detroit. Early plants were built of masonry, with wooden beams and flooring. Fires caused heavy losses. Moreover, new methods of manufacturing called for ever-greater areas of unobstructed floor space, greater cleanliness, better light.

Reinforced concrete seemed the answer. Albert Kahn tried to get the job of designing a new Pierce-Arrow plant in Buffalo. He lost to a firm which used the traditional piers and masonry. The old plant burned one night, before plans were ready for the new. Next morning Pierce-Arrow sent for Kahn.

He became the country's outstanding authority on concrete construction, creating such a demand for the special bars needed that Julius organized his own steel fabricating company—Truscon. Albert pioneered the use of metal sash, and began putting acres of windows into factories designed for an ever-widening circle of clients, including nearly all the automobile manufacturers. He has designed 1000 buildings for Ford alone, including the gigantic River Rouge plant.

Kahn's latest ideal, floor space entirely unbroken by columns, reaches its climax in his addition to the Glenn Martin airplane plant, 300 feet wide, 700 feet long, with five acres of absolutely clear floor. The roof is supported by the longest flat spans in the world. It's not too wide a floor; already there are bombers with 212 feet of wing-spread.

One reason Kahn is the industrialists' favorite architect is that "they always want the new plant finished by yesterday," as he says. Kahn comes close to giving it to them. The Glenn Martin building, for instance, was completed in 77 days from the moment Martin first telephoned Kahn that he wanted to build.

In 1939 you could get labor, steel, any materials you needed. Now it's different. I asked Kahn what was most remarkable about the stupendous Ford bomber plant. I thought he might talk of the ingenious arrangements for handling traffic; in the ten-minute shift changeover period there will be 20,000 cars crisscrossing, 40,000 men entering and leaving the building. Kahn has laid out the plant so that men get to the spot where they work much as you enter a football stadium at a point near your seat, traveling along basement corridors or elevated ramps, instead of streaming into the plant hit or miss.

But what Kahn said was, "I take most pride in the fact that this biggest of all buildings has been constructed out of materials on hand so to speak. We found out what we could get at once, from the steel mills, and we designed the building around that. Nothing had to be specially manufactured. America wants bombers in a hurry, and that was our contribution. I never did anything that took more ingenuity!"

Albert Kahn looks back on his Russian experiences as the weirdest of his life. In 1928 he was asked to design the Stalingrad tractor plant. The next year the U.S.S.R. handed him the most stupendous commission any architect ever undertook. He was to design all the 512 factories of the first Five Year Plan.

Albert and his brother Moritz set up shop in Moscow and recruited 1500 Russian assistants. They made no progress for a year. The Russians would take no orders. Sometimes "please" moved them, and sometimes it didn't. They had a maddening habit of responding "Why?" to simple instructions, and wouldn't budge until answered. Vigorous protests in high quarters eventually got better discipline.

But the task was a kind of Alice-in-Wonderland fantasy. Kahn men had been trained to design economically and save labor. In Russia the idea was to use as much labor as possible. There had to be work for everybody; no job, no food card. When the plans called for timber, logs were sent, to be sawn by hand on the site of the building. Even simple tools were scarce; men drove nails with stones. But there was such a lavish supply of manpower that results were achieved—albeit uneconomically.

At 72, Kahn looks 60. He is serene ("I work fast, but I never hurry"), good-humored, companionable. He is passionately fond of music. As a child he aspired to be a pianist but poverty balked him. He still gravely draws \$40 a week salary and gives \$35 of it to his wife, as he did when he started. Twenty-five of Kahn's associates, who have been with him over 20 years, share in profits and will take over the business at his retirement.

Th General Motors Office Building in Detroit is his special pride. It is one of the most beautiful buildings in America, 20-odd years old but as modern as the newest. He's also proud of the problems solved in the press shop at River Rouge, where second floors carry 500-ton presses. Another of his favorites is Edsel Ford's residence, a stone house in the English Cotswold style.

Kahn sums up his philosophy about his craft thus: "Architecture is the art of building—adding to the mere structural elements distinction and beauty." He pokes fun at those who put columns and pediments on banks and breweries. "More buildings suffer from too much ornament than too little. The mere clothing of the skeleton of an airplane makes a thing of beauty. So with buildings."

Kahn's designs have strongly affected the Modernists, with the large M, but he isn't wholly in sympathy with them. He argues for fitness. "A hospital shouldn't look like a hotel, or a home like a laboratory."

He is the apostle of sunlight, doesn't think much of the windowless factories. The government demands that new defense plants have blackout facilities. "Nonsense," says Kahn. "Bombers drop flares. You can't hide a 60-acre plant." But he dutifully designed galvanized iron window coverings, easily installed, easily removed. Most of his new plants have bombproof basements, which also provide space for locker rooms, cafeterias and rest rooms.

And what, I asked, is to become of all these factories when the war is over?

"Unless the world arrives at a perfection I do not expect, we shall continue to build planes and guns and tanks in some of them," he replied soberly. "But if we have the sense I do not think we have, the rest will not be any too big to provide room for making the goods our people can use."

Walker & Co. Sponsors Fourth Annual Poster Art Contest for Detroit Secondary School Students

For the fourth consecutive year, students in Detroit secondary schools are given the opportunity to display their talents in the WALKER & CO. Poster Art Contest.

This event draws unusual interest and attention, and judging by its growth during the past three years it will register very effectively this year. Sponsored by WALKER & CO., Outdoor Advertising, in Detroit, the contest has the wholehearted support and cooperation of the Detroit Board of Education.

There are 57 cash prizes totaling \$645 being offered to students in comprehensive high schools, technical high schools and intermediate schools. First prize in the comprehensive and technical school classes is \$75.00 and in the intermediate school the first prize is \$30.00.

Any student in the 7th through 12th grades of Detroit secondary schools is eligible to enter the contest, and the purpose is to develop a keen practical appreciation of commercial art in advertising. Subjects are varied—any United States manufactured product or service may be used.

The contest began February 23rd, and will continue through May 4th, 1942. Jury of Awards includes: Mrs. Julius H. Haass, Art Patron and Vice-President of the Arts and Crafts Society; Miss Suzanne Blank, President of the Detroit

Women's Advertising Club, and Statistician of the Detroit TIMES; Mr. Herman G. Jahnke, Art Director, Walker & Co.; Halsey Davidson, Art Director, Campbell-Ewald Co.; William S. McLean, Director of Advertising, Fisher Body Division, General Motors Corp., all of Detroit; Mark Seelen, Art Director, Outdoor Advertising Incorporated, New York, and H. Ledyard Towle, Director of Advertising and Creative Display, Pittsburgh Plate Glass Co., Pittsburgh.

REMARKS OF CHARLES FIRESTONE TO CLEVELAND A.I.A. CHAPTER

The Cleveland Chapter has tonight initiated into its membership about 40 new members. This is certainly an outstanding progressive program put into operation. Cleveland has set a pace for the rest of the Ohio Chapters of The A.I.A. They have offered a challenge, if you please, to The American Institute of Architects.

What I have to say are my own opinions, and not as a representative of the Examining Board or any special group, except a group that think as I do.

I have been a member of The A.I.A. since 1921. Some of us have not been in accord with the high-handed mannerisms of The Institute or its autocratic policies in the past. They were perhaps representative of the times.

Today, The Institute has an extremely liberal and progressive program. They have had this democratic program for several years, but have not initiated it as the leaders in The Institute today are doing. The Institute today has opened its doors to all Architects (those recognized by law as Architects) and made possible the membership to all Architects of acceptable character.

I have been told personally by officers of The American Institute of Architects that The Institute is not ready for unification. This or that state has no license law. This or that state has no organization. This or that state is wanting in something. Michigan now, I understand, is formulating some sort of unification program based on one Chapter throughout the state. This can never be operative in Ohio, in my opinion. It seems to me that, just as long as there are forty-eight states in the Union, just so long will there be perhaps forty-eight opinions as to organization for unification.

I am more thoroughly convinced that, because of this more bountiful program for all Architects by The Institute, and the liberal thinking of the leaders today, The Institute is the only organization that can accomplish unification.

Cleveland today has offered a challenge to The Institute of what can be done in Ohio. I believe that Ohio is ready now—not tomorrow, not next year, but today—ready for unification. A little selling on the part of the members of

the various Chapters in Ohio and a little tolerance in both the Chapter and the Section can accomplish unification almost overnight. It remains, however, for The Institute to provide the mechanism or the machinery with which to accomplish it. Therein, gentlemen and officers of The A.I.A. here tonight, is the challenge.

If I may be so bold as to make this statement before such a representative group of Architects and the members here from the national organization of The Institute, I will say that I believe the Sections of the Architects' Society of Ohio and the six Chapters of The A.I.A. in Ohio are ready to be fused into one organization at each of the geographical locations and these six Chapters of The Institute form a state organization or association of the Ohio Chapters. This state organization would function almost identical as the Architects' Society of Ohio does, being representative of all the Architects of Ohio in matters relating to local and state matters, and let The Institute and the Chapters still function as they do now. This surely would not disrupt the setup of The American Institute of Architects and their relation to the Chapters, but would form a consolidated unity of the Architects in Ohio.

Let The American Institute of Architects refund to the state organization, for its maintenance, operation and functioning in state matters, a sum of about \$5.00, or thereabouts, of the dues paid to The Institute, thereby bringing a closer tie and a more friendly co-operative feeling between all of the Architects in the state and The American Institute of Architects, as their national organization.

Mr. Officer of The A.I.A.—that is the challenge that I believe Cleveland has given to you tonight.

LANDSCAPE ARCHITECTS EXHIBIT

The Detroit Chapter of the American Society of Landscape Architects will exhibit photographs and plans of their work at the Horace H. Rackham Memorial Building, 100 Farnsworth Avenue, Detroit, from March 16th to March 28th, inclusive.

The exhibit will include many illustrations of municipal projects, city plans, parks, public buildings, recreational areas, subdivisions, and large and small residential developments. Defense projects of immediate interest to all will form a timely exhibit in itself. College campus layouts, housing, and roadside development illustrations will be included.

There will be actual photographic records of work old and new and various illustrations which show the scope of the art of Landscape Architecture.

Officers of the Detroit Chapter are: Lawrence G. Linnard, president; George G. Ross, vice-president; and Miss Eleanor Roche, secretary-treasurer.

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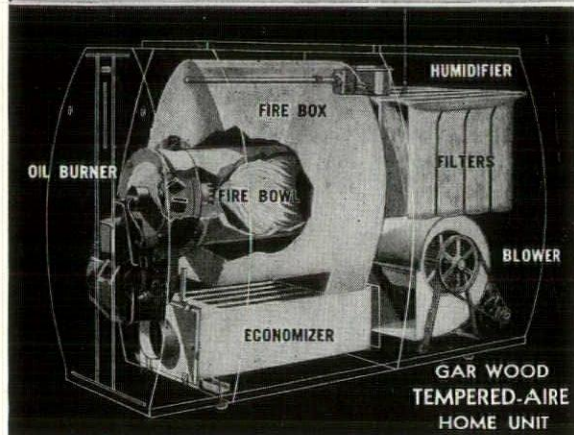
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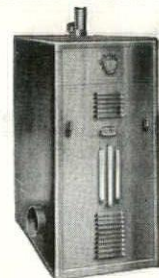
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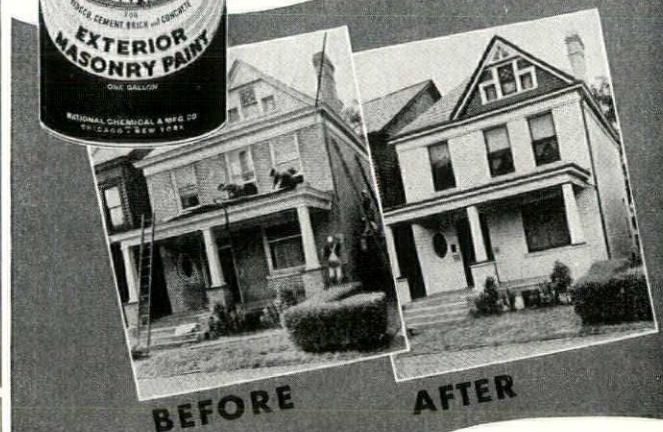
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BULLETIN

1942 MAR 24 AM 9:10

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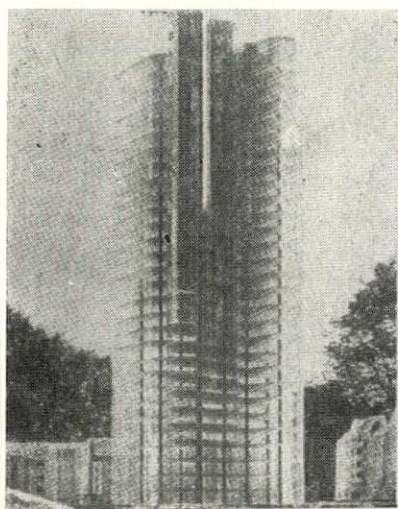
DETROIT, MICHIGAN, MARCH 24, 1942

No. 12

ARCHITECTURE MOST VISIBLE OF ARTS

An Interview With Eric Mendelsohn

Detroit was characterized as a jungle by Eric Mendelsohn, renowned European and American Architect, who visited Detroit last week. The modernist hastened to add that he could now criticize American cities, because he is now here as one of us. He only wants to assist in awakening the public to the necessity of proper planning now. Mendelsohn spoke at the Engineering Society of Detroit on Monday evening, March 16, under the auspices of the Detroit Chapter of The American Institute of Architects and the Metropolitan Art Association.



Above, Mr. Mendelsohn and, at right, design for an apartment building made by him in 1921.

In introducing the speaker, Emil Lorch, F.A.I.A., Chapter president, characterized his visit here as an interesting human event. Lorch stated that European architects have written more than we have in America because we are too busy. Addressing the young men, Lorch said, "You have come into an era called modern architecture but the struggle began before you were born. During my time I have seen a wonderful growth. Mr. Mendelsohn's love of architecture goes back to his love of music, and here in Mendelsohn we have the finest product of the modern movement. His work has been, since his graduation and even before, of the modern school."

In an interview Mr. Mendelsohn pointed out the disunity in the architectural profession in America, stating that this was evident even in the architecture and planning which he observed in the downtown area of Detroit—or rather the lack of these qualities. In drawing a parallel between the unification of the profession and the architecture of this country, he stated that the impetus given to rebuilding in

Europe after the last war was not originated by Government but by the architects themselves, citing the Royal Institute of British Architects as the one architectural organization in England. The R.I.B.A. even controls the architectural schools, he said, and one begins his affiliation as a student.

Mendelsohn stated that public information for the profession would do more than anything else to remedy many of the ills which we now suffer. He said that we should have archives, a library, a clinic, a public information program and a headquarters as a place of meeting, not only for architects but for architects and important people, where they may be informed of the architects' place in service to the public. "We should let the public in on our secrets and tell them why we are doing certain things," Mendelsohn said, adding that the Government has led the way in sponsoring certain projects to make architects mindful of the many sociological problems.

Asked whether or not the present was a favorable time for such a program, Mr. Mendelsohn said that there could be no better time because the public is now stirred up and expects important changes in the near future. He characterized architecture as the most visible of the arts, saying that he seldom spoke about architecture because he makes architecture. "I speak of architecture only in connection with our lives," he said. The eminent architect, lecturer and writer is now writing a book about these subjects which will be addressed largely to the public.

While Mr. Mendelsohn is a modernist, he has not recently turned that way, since he has never been anything else. In his student days he relates that his instructor gave Renaissance problems, which he refused to do. "I was poor then but I engaged another student poorer than I to do a problem for me and I submitted it—sort of a ghost architect." On another occasion he relates that he turned in a problem and his instructor called him in to ask what it had to do with the Renaissance. This Mr. Mendelsohn could not answer, but the instructor said, "It has nothing to do with the Renaissance, but I accept it, because it is good."

Mr. Mendelsohn's one-man exhibition is now in Chicago from whence it will go to other cities throughout the country.

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STATE ARCHITECTS TO CONVEENE IN LANSING

The Twenty-Eighth Annual Convention of the Michigan Society of Architects will be held at Hotel Olds in Lansing on April 2, 3 and 4, it has been announced by C. William Palmer, Society president.

"Despite the war it is imperative that architects present a united front in the face of adversity," Palmer said, in stressing the fact that this year the convention will be of a more serious nature devoted largely to the architects' part in the Nation's victory program as well as post-war planning.

Nominations Made

Nominations for officers to serve for 1942-43 are as follows: Palmer for president; John C. Thornton, first vice-president; Paul Kasurin and James A. Spence, second vice-president; Leo M. Bauer and Harry L. Mead, third vice-president; Aloys Frank Herman and Earl W. Pellerin, secretary; Lawrence E. Caldwell, treasurer; Talmage C. Hughes, executive secretary. Directors nominated, three to be elected, include Roger Allen, Wells I. Bennett, Kenneth C. Black, A. B. Chanel, Ralph B. Herrick and Emil G. Zillmer.

Balloting will be by mail and elections at the convention. The convention will open with an informal smoker Thursday evening, April 2. The board of directors will meet for breakfast at 8:30 A.M. on Friday and this will be followed by the first business session at 10 o'clock, at which reports of officers, directors and the seven Division presidents will be heard.

Religious Services

Since this is to be on Good Friday, a period from 12 noon until 3 P. M. will be set aside for delegates to attend church services in downtown Lansing. Beginning at 3:15 P. M. on Friday, Kenneth C. Black will conduct a session devoted to Unification of the Profession in Michigan and a proposed plan being considered by a committee, of which he is chairman. At this session also will be heard the report of tellers on election of officers, and Frank Eurich, Jr., liaison officer between the architects' organizations and the Producers' Council, will review his activities.

Industry Banquet

At the annual banquet scheduled for 8 P. M. Friday, William A. Cory of Detroit will be toastmaster and the guest speaker Thomas S. Holden of New York. His subject will be "The Architect and the Building Industry in the Victory Effort and in the World Tomorrow."

Mr. Holden, who is now president of the F. W. Dodge Corporation, which company publishes Sweet's Catalog, Dodge Reports, Statistical Research Division, Architectural Record and Real Estate Record, has served as chief statistician for his company and editorial director of the Architectural Record. Since 1919, he has been in charge of general publicity and public relations for the company. This has involved much contact with professional and trade associations, public addresses, newspaper and magazine articles on construction and architectural matters.

"The center of gravity of Western civilization has shifted to our hemisphere," Mr. Holden says, "and assuming victory for our side, the United States of America should emerge from this war the strongest and most influential nation in the world. Upon this nation will rest the grave responsibility of leadership in economical and political reconstruction, in social and cultural advancement. It will be necessary to transform the arsenal of democracy into a generating plant of prosperity and a seed-bed of civilized culture for the world of tomorrow. This great responsibility, which cannot be shirked, is also a golden opportunity.

"Far beyond reconstruction needs and postponed construction demands created by war time curtailments will be the new needs accompanying an expanding economy, rising living standards and cultural progress. As always, every new element of a progressive civilization must be appropriately housed and must find a fitting architectural expression," Holden believes.

"Hardships of war have already begun to retrain architects and builders for the jobs that will await them when the war is over. It is a rather drastic process, a process of weeding out non-essentials in design, of changing uses of materials, of revolutionizing mental attitudes. The

present situation imposes a struggle for survival, in which those who can quickly apprehend the needs of the times and can quickly adapt their thinking and their methods will be the ones best equipped to meet the requirements of the future."

Luncheon

Concluding event will be a luncheon on Saturday, at which Captain Donald S. Leonard, of the State Police, who is Commander of the Citizens Defense Corps, will be the speaker. Captain Leonard was sent to England to study British methods of civilian defense, and he has a most interesting message.

REPORT OF THE COMMITTEE ON THE UNIFICATION OF TOASTMASTERS, DEPORTATION OF KENNETH C. BLACK, AWARD OF POETRY PRIZE TO HENRY WADSWORTH CORY, AND DIFFERENT STUFF

Every architect and member of the allied building trades will be interested in the report of the Committee on the Unification of Toastmasters, presented herewith. Questionnaires were sent to all architects named Ditchy and Allen, to all elevator manufacturers other than Otis, to the members of the Delta Slam bridge club of Silo, Kansas, and to Psi Psoftly, women's honorary architectural sorority of Coates Bend College of Tatting, in Alabama.

(1) To the question "Should toastmasters be unified?" the results were as follows:

223 voted that all toastmasters should be crucified. (There are a lot of people in this country who cannot read plain, simple English.)

23 voted for unification.

2 voted for Rutherford B. Hayes and a water buffalo in every garage.

(2) To the question, "What, in your opinion, should be done to Kenneth C. Black, and after we have done that, would you subscribe funds to rehabilitate him after he leaves Alcatraz?", the answers ran as follows:

42 voted to hold a plebiscite in Lansing.

198 voted to protest Mr. Black's plan to put Mr. Black's photo on all ammunition cases containing blank cartridges. Mr. Black, patriotic to the end, and this is the end, thought this would save ink and labor; seeing the photo of Mr. B., anyone would know at once what the boxes contained.

2 voted for One Big Union and double time for St. Patrick's day.

(3) To the question, "What recognition should be made of Bill Cory's poetic genius?", the answers ran as follows:

36 voted to have Gypsy Rose Lee unveil a statue of Mr. Cory in Grand Circus Park.

211 voted to have Gypsy Rose Lee unveil in Grand Circus Park.

2 voted for a ceiling of 6 cents on double-dip ice cream cones.

What do we find when we analyze these figures?

We find that with the exception of 7 men, all named, by an odd coincidence, Adrian Nelson Langius, everyone is in favor of the unification of toastmasters. Mr. Langius holds out for capital punishment.

Your committee has spent a great deal of time on this. Most of the time was devoted to looking for aspirin. Where does that stuff GET to, anyway?

| | | |
|-----------------|------------------|------------|
| ROGER ALLEN, | CLAIR DITCHY, | O. HENRY, |
| V.-Pres., Comm. | V.-Pres. & Ward- | V.-Pres. & |
| on Unification. | robe Mistress | Candy Bar |

UNIFICATION FOR UNIFICATION

By William H. Reid, Jr., A.I.A., Billings, Montana

Sufficient letters and expressions on the unification of the profession of architecture point to its necessity by virtue of the fact that the desirability of the proposal is not questioned. The issues at hand are definitely those of organization to obtain unification. The problem, then, is one of unification for unification.

The Michigan Unification Plan, "is predicated on the belief that ultimately there should be but one architectural organization in the United States—The American Institute of Architects," as stated in the March 3, 1942, issue of the *WEEKLY BULLETIN*, Michigan Society of Architects. The only portion of this predication at issue is—The American Institute of Architects. And in Michigan, unification for unification is not unanimous because of a small minority questioning the effects of the unification plan on existing organizations such as the Institute chapters and Society divisions.

Michigan is to be commended for bowing to the minority expression. Such a hearing is the ultimate principle in the success of all democracy. The minority's points of issue are sound. Present unification cannot be scrapped for a theoretical view of accomplishment. Eighty five years of Institute unification accomplished is worthy of consideration vs. a problematical, all-inclusive, general unification of the profession.

The American Institute of Architects is an advantage to unification as an existing, working organization representative of 20% of the architectural profession. "If this (unification) is so desirable, then why doesn't the Institute do it as a nation-wide plan" was a question asked. "The answer is," reports the *Bulletin*, "the Institute doesn't operate that way . . . It is not likely that any plan could be proposed that would meet the approval of every chapter (of the Institute) and state association." The American Institute, then, should not be a predication to the plan for unification.

Why not predicate unification, " . . . on the belief that ultimately there should be one architectural organization in the United States," period? In other words for unification of "15,000 architects and 45,000 draftsmen, sixty or seventy percent of the total number would make a powerful organization," again quoting the facts and figures of *The Bulletin*.

Call the organization what you may—"The American Institute of Architects is comprised of 20% of the profession realizing the necessity of unification. The Detroit and Grand Rapids chapters, over 50 years old, would be the last to favor," losing members but realize the advantage of unification. The Michigan Society of Architects, comprised of members less than 20% of whom are members of the A.I.A., are unanimously in favor of unification. I wish our Illinois architects would get busy in some similar way. Best wishes for success of the attempt at unification and simplification. I think your proposed plan is excellent, except . . . Indiana. Best wishes and good luck for solution to your problem . . . Montana. General consensus of opinion that if it is possible to work out an arrangement satisfactory to all, one organization to include all the architects of the state would be preferable to the present arrangement . . . Minnesota."

An amalgamation of the state societies into one organization of the United States is the ultimate unification. The American Institute of Architects and its chapters, the existing state associations and societies are the functioning agents, the entrepreneurs for this amalgamation. Once arranged by the agreement of these existing functionaries, the Institute remains the A.I.A. with its chapters and 85 years of progress. Its properties, members and activities would be strengthened by the existence of an all-inclusive organization with the man power and representation necessary to promote and carry through the activities which are beyond the known power of the Institute.

The Institute, certainly, has the inherent right to grant the use of its properties and offices to the good and necessity of the architectural profession. As a fostering agent, it should not be above expanding its equipment and personnel

so far as is necessary to the need of the operating facilities of the new national organization. The state organizations would not be adverse to the expansion of membership and the entailing responsibilities.

Members of the Institute would not expect to become members of the national organization other than by affiliation with their state societies. Members of the national organization would not expect to become members of the Institute until they were qualified and a qualification of the Institute would be membership in a state society. There is little appeal in a sub-classificational membership, with or without vote, in any organization.

The American Institute of Architects, after fulfilling its natural and normal, sponsoring duties to unification, might well become subsidiary in national effort to the national society. It would become rightfully in position as the American College of Surgery is to the American Medical Association. Such organization permits proper representation and progressive attainment and responsibility.

Now, then, without change, except insofar as it is necessary to correct the bafflement of the public relative to the chapters and divisions of the American Institute of Architects and the Michigan Society of Architects and the Board of Registration of Architects, Engineers and Surveyors, Michigan has the beginning nucleus of the national organization. California for some time has been ready; Illinois, Indiana, Montana, Minnesota, New York and Washington have been heard from in this instance. Will Michigan take the lead in signing up the existing organizations for a name and request of the A.I.A. offices for organization?

The public could hardly be blamed for the confusion that apparently exists in Michigan. The American Medical Association exists in all states with its various valley and county divisions; Rotary, Kiwanis, Lions, etc., exist in nearly every city. Unification in these organizations does not baffle the public with the program of the clubs or their governors, lieutenant governors, international presidents, club-presidents, past-presidents and chairmen of community activities. The National Society of Architects as distinguished or not from the American Institute of Architects, but general throughout the nation will clear up the bafflement in Michigan, as far as the public is concerned. The press might appreciate less presidents of Michigan Society of Architects unless the divisions were made more understandable to the public. In this instance, perhaps district governors under the president of the Michigan Society would be designatory and a pattern for the National Society.

It is not to be presumed that there will be any grand rush to membership in this national society from the mere fact of its accepted name or organization. It would appear that Michigan has little to gain until some national society is recognized for use in selling or covering a larger field of prospects. Perhaps, then, the organization of the other existing state associations would have more power than the unification of their own members to a society, in sequence of approach. Which came first, the chicken or the egg?

UNIFICATION MARKS TIME

At the last meeting of the Unification Committee a number of contributions on the subject were received and discussed. Resulting from these ideas action was taken to defer any further definite steps, pending a clarification of the situation.

It was felt that any plan submitted to the Society convention, April 3 and 4 would have to be hurried, and would consequently be immature. While work of the Committee has not ceased, the tendency seems to be toward making use of present provisions of A.I.A. by-laws toward accomplishing unification within the present structure of the Institute—that is by increasing corporate membership, and associate membership in the two chapters.

The Committee is desirous of receiving expressions from as many architects as possible, irrespective of their present affiliations.

WAR WORK

From The Oculus

The most comprehensive list of jobs for architects in the war effort we have seen to date, is one just received from Yale University, made up for "Alumni in Architecture." We summarize from this:

For Civil Service jobs in army or navy, the most direct approach is to the War Office, not through the Civil Service Headquarters.

(1) Nov. 7th; the Civil Service wrote architecture schools that opportunities were available to those who had completed a four-year architecture program plus certain work in naval architecture.

(2) Jan. 16th; there are opportunities in the government mapping program for architects who have courses in surveying or photogrammetry.

NAVY

(3) Bureau of Yards and Docks. Civilian Personnel Section. Civilian jobs. Drafting work. Civil Service rating of P-1 or P-2. Address: Civilian Personnel Section, Washington, D. C.

(4) Bureau of Aeronautics, Photographic Interpretation Section. Apply for ensign's commission. Address: Lieut. Commander Quackenbush, U. S. Naval Air Station, Anacostia, D. C. New training course probably starts March 1. Billets probably on shipboard.

(5) Commissions in the Civilian Engineering Corps and Naval Reserve; difficult for architects to secure. Information from Reserve Officer Section, Bureau of Yards and Docks, Navy Department, Washington, D. C.

(6) Bureau of Plant Protection, Naval Reserve. Address: Lieut. Commander McCaag, 3rd Naval District. Age wanted, 25-40.

Information regarding civilian employment or applications for commissions can be secured from the Office of the Chief of Engineers, War Department, Washington, D. C. The Civil Engineering Corps of the army is in charge of all types of construction work, including camouflage.

(7) Civilian jobs in design, construction, engineering, etc. Civil Service rating P-1 or P-2. This is the Ammunition Division, Plant and Maintenance Unit of the Ordnance Department. Address: Major R. L. Russell, Ordnance Dept., U. S. Army, Washington, D. C.

(8) Commissions in the U. S. Army. Apply for commission in the U. S. Army Engineering Corps, Construction Division. Apply through Local Corps Area Headquarters.

JOINT MEETING VIEWS ALUMINUM FILM

C. William Palmer, president of the Michigan Society of Architects, presided at a joint dinner meeting of the two local architectural organizations at the E. S. D., Tuesday evening, March 10. He reported on meetings of the joint Unification Committee, and the M. S. A. Board of Directors, which occupied the afternoon.

The feature of the evening was a program of sound motion pictures in technicolor concerning the history and development of aluminum. Paul Marshall and Sam Knowlton, of Aluminum Company of Michigan, were in charge, with Knowlton at the controls. Sam explained that the principal characters in the picture were still active in the company. They are Messrs. Arthur B. Davis, president; John Stevens, liaison officer with the Government; Roy Hunt, chairman of the board, and Jack Chesley.

The picture entitled "Unfinished Horizons," is a professional production and a true story of that interesting industry. It was characterized by Emil Lorch, president of the Detroit Chapter, A.I.A., as a wonderful demonstration of brains in industry, and the important part played by the late Andrew Mellon.

Other divisions may want to avail themselves of the opportunity of viewing this excellent film at their meetings. This may be arranged through Mr. Knowlton, Aluminum Company of Michigan, 3311 Dunn Road, Detroit.

Here is an opportunity for architectural groups to add an interesting feature to their meetings.

STATE TO BUILD WARDS FOR 2,000 MENTAL PATIENTS

From the Detroit Times, February 15, 1942

Looking toward the end of feverish war-time building activity, there is one man in Lansing working hard to establish a long range construction program which will fill the state's needs for years to come.

He is Adrian N. Langius, state director of buildings and construction, an architectural engineer who likes to visualize the day when he will be able to say:

"At the present rate of increase we will have 2,000 more mental patients in state institutions 10 years from now. New buildings will be ready for occupancy at that time."

State Stops Building

The way it is now, he explained, no one even can guess very accurately how many state-owned buildings there are, let alone what will be needed in the future.

"We are now making a survey of existing facilities of all departments for the purpose of determining future needs," he said.

"During the war emergency all state building will cease and only needed repairs be made. Then, after the war, when thousands of men are out of work and building materials become available, we will be ready with plans for construction."

With State 12 Years

Although a young man, Langius has been with the state 12 years. He supervised the planning and construction of all recent state police building additions, recognized nationally for their beauty and efficiency.

While all kinds of building interests him, Langius likes to think of himself as an expert on mental institutions—of which the state has just finished paying for \$11,000,000 worth.

He is president of the Grand Rapids chapter of the American Institute of Architects and is a director of the Michigan Society of Architects.

CYCLOPEDIA OF ARCHITECTURE, CARPENTRY AND BUILDING

For Sale by Mrs. H. E. Mott, 16182 Stout Ave., Detroit, EVergreen 4147. Mrs. Mott is the daughter of Alfred E. Weaver, architect. These books are in perfect condition.

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Vol. VI. Architectural Drawing, Lettering.

Vol. VII. Free Hand Drawing, Perspective, Sciagraphy.

Vol. VIII. The Orders, Pen and Ink Rendering.

Vol. IX. Sheet Metal Work.

Vol. X. Heating, Ventilating, Plumbing, Index.

LAST CALL!

For those who have not paid 1941-42 dues in the M.S.A. It is important to be in good standing. Send \$5.00 forthwith.

Fired at Random

Two Detroit architect-engineering firms have been awarded contracts for new war plants. Smith, Hinchman and Grylls were engaged for a \$5,000,000 "factory in Colorado" and Shreve, Anderson & Walker for an ordnance unit in Lima, O. The latter is also a \$5,000,000 project.

* * *

Carl Sandburg, poet and biographer of Lincoln, was heard to advise a young bachelor friend recently, according to the Saturday Review of Literature, "Be sure to choose a Texas girl when you marry. Then you'll know that whatever may happen, she's seen worse."

—ROGER ALLEN.

* * *

Warren Rindge has left Grand Rapids for an indefinite period to assist in the preparation of plans and specifications for a large defense project near Dixon, Ill. Louis C. Kingscott, Kalamazoo architect, is in charge of the architectural work and Rindge will have one of the key positions in the organization, which is expected to include about 200 men.

Rindge has announced that he will retain his present office in the Michigan Trust building.

Rindge and Kingscott are members of the Grand Rapids chapter of the American Institute of Architects, Rindge holding the office of vice president.

* * *

Although their plan is still "on-paper" stage, University of Michigan student architects have mapped out just about everything for the comfort and happiness of Ford Motor Co. defense workers in connection with their "Bomber City." Plans for the city, which have been submitted to housing authorities, provide for row houses, apartment buildings, two-bathroom residences, schools, churches, parks, a golf course and business places.

* * *

Says the Statler News, "Listen ladies! Don your wailing weeds, for Wally Fauquier, handsome assistant manager, joins the army on March 18.—Wally is a brother of the (not so) handsome Bert, of the Weekly Bulletin.

* * *

Bulletin:

If you are now dealing with the Government, or if there is a possibility that you will be in the future, you need the U. S. Government Manual.

The new Spring edition of this 700-page compendium of necessary information is now out and can be obtained for 75 cents at the Office of Government Reports, 464 Federal Building, Detroit.

This book answers the multitudinous questions about who's who and what's what in the new war agencies. It also contains descriptions of the functions and operating of the legislative, judicial, and executive branches of the Government. A valuable feature is the 37 pages of organization charts which clarify the operations of these departments and war agencies.

If you do not want to send or go to the Federal Building for a copy, a check or money order mailed to the Office of Government Reports will bring one by return mail.

FRED L. BLACK,
Field Representative

* * *

An unusual exhibit of musical instruments of folk origin will be on view at the Main Library, Woodward and Kirby, for two weeks beginning March 20.

Included in the exhibit will be shepherds' flutes from Bulgaria (kaval) and Poland, Italian bag pipes (zampone), a Serbian gusla, a Russian domra, a balalakia, a Finnish kantele, and a Syrian oud.

The display has been arranged by the Public Library and the Council of Social Agencies.

Bulletin: We have a partial set of your **Weekly Bulletin** for 1941 and would like to have our file complete, if possible. Our needs for 1941 are vol. 15, nos. 1-42 and no. 50. Our 1942 file is complete to date. Also if it were possible we would like to secure the back volumes 1-14 (1926-1940).

If these numbers of the Bulletin are obtainable anywhere we will be glad to have the Accessions Division of the Library purchase them for our file.

Any information you can give will be appreciated.

LEICESTER B. HOLLAND,
Chief, Division of Fine Arts
Library of Congress

ARCHITECTS TO CONTEST ON CAMPUS DESIGN

Approval of a program of competition for a campus arrangement and architectural design for the proposed three-block extension of the Wayne University campus, and for the selection of an architect for a student center building, was given by the Detroit Board of Education, meeting as a committee of the whole, Tuesday.

An architectural prize committee, open to all architects whose principal offices are in the State, will be conducted by the board. March 28 is the closing date for entering the contest and May 4 the closing date for submitting plans. A jury of five persons, to include three architects selected from recommendations of the American Institute of Architects, will choose the winning design. There will be three cash prizes totaling \$4,000.

Details of the competition have been prepared by Bronson V. Gamber, 3500 Union Guardian building, professional adviser for the contest, in accordance with plans approved by the architect's institute. Awards will be announced within 10 days after the close of the contest.

The group plan will include all buildings proposed for construction in the three-block area bounded by Second, Kirby, Cass and Warren avenues, immediately north of the present main university building. The student center building is to be constructed within the first block. Putnam and Merrick avenues are to be closed between Second and Cass avenues and the total architectural plan must harmonize with the Public Library, the Art Institute and other buildings in the area.

The first block is already under condemnation and methods of financing construction of the student center have been worked out in general. Actual construction awaits termination of the war because of material shortages.

"Do you absolutely guarantee this hair restorer?" inquired the sailor whose hair was getting a little thin.

"Guarantee it?" replied the ship's barber. "Listen, don't take the cork out of the bottle with your teeth unless you want a mustache within 24 hours." Annapolis Log.

* * *

What this country really needs is a shortage of glass-fronted envelopes.

* * *

Gen. Douglas MacArthur, while at West Point, was engaged to eight girls at one time. After that, life on the Bataan peninsula must be almost too dull and monotonous. Roger Allen.



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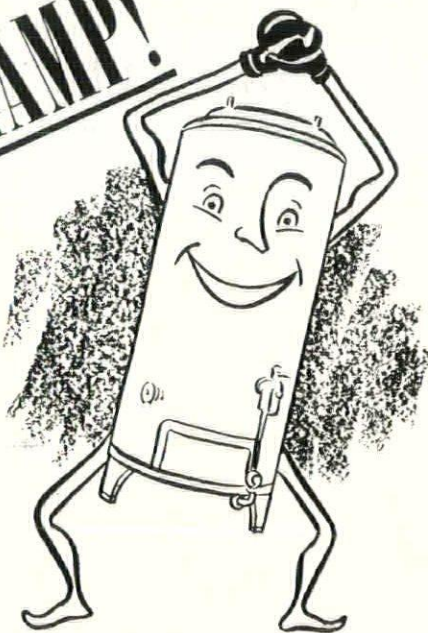
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Twenty-Eight Annual Convention Number

WEEKLY BULLETIN



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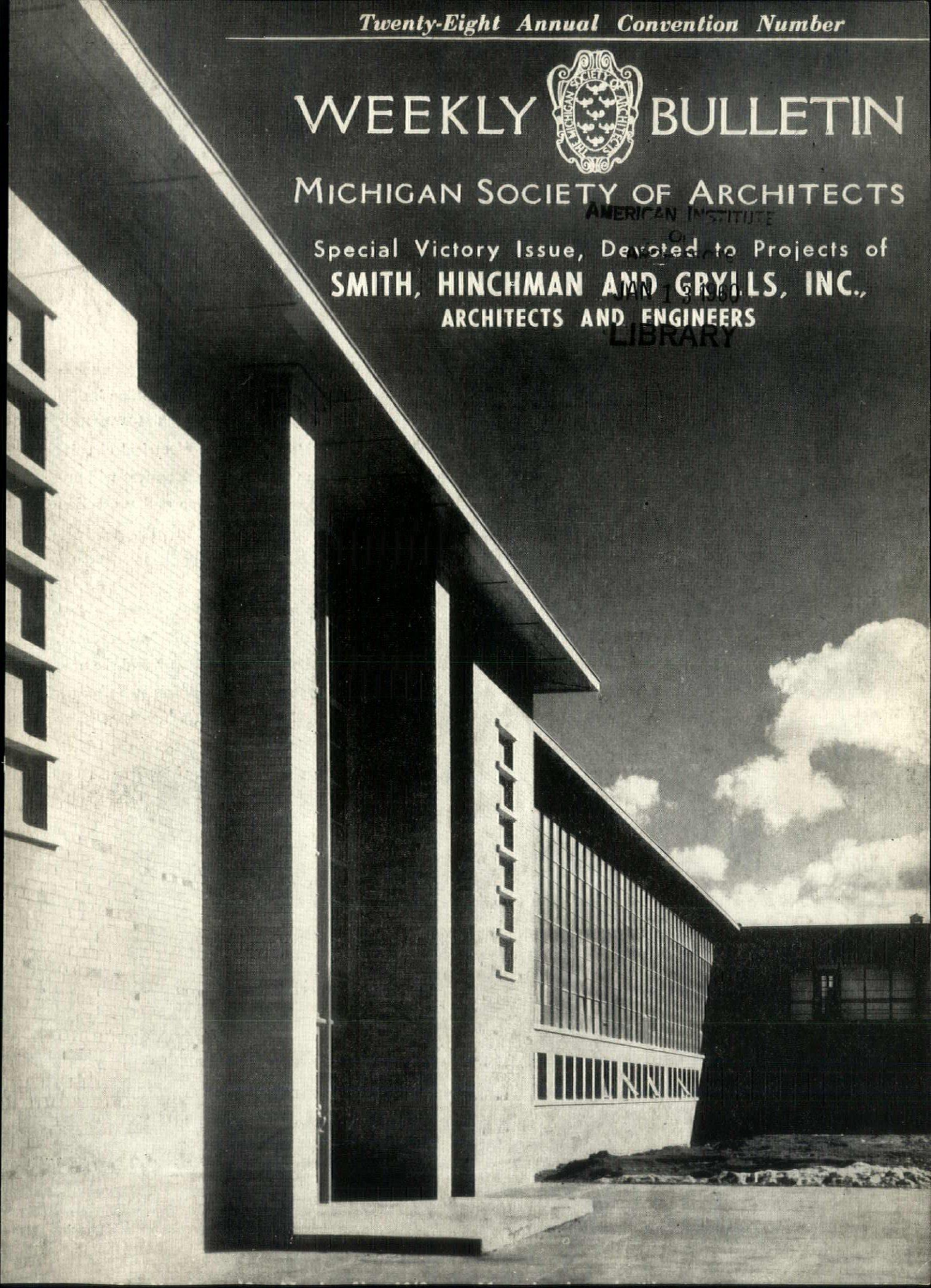
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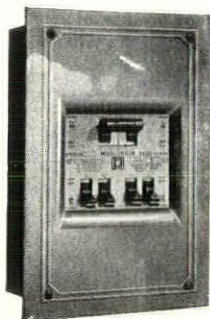
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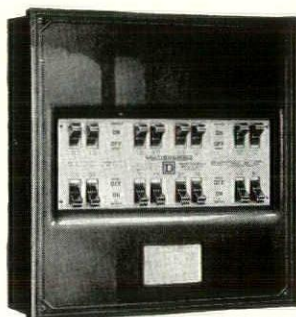




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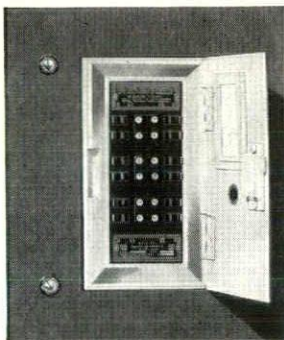
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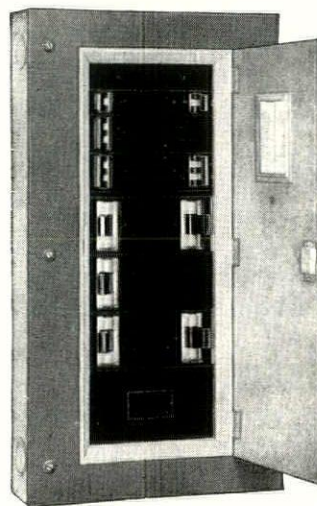
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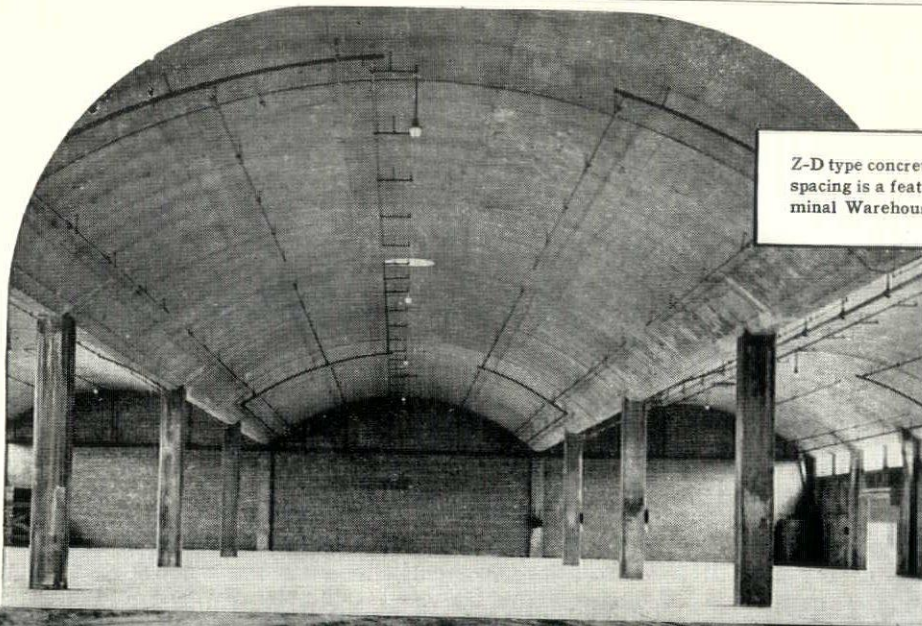
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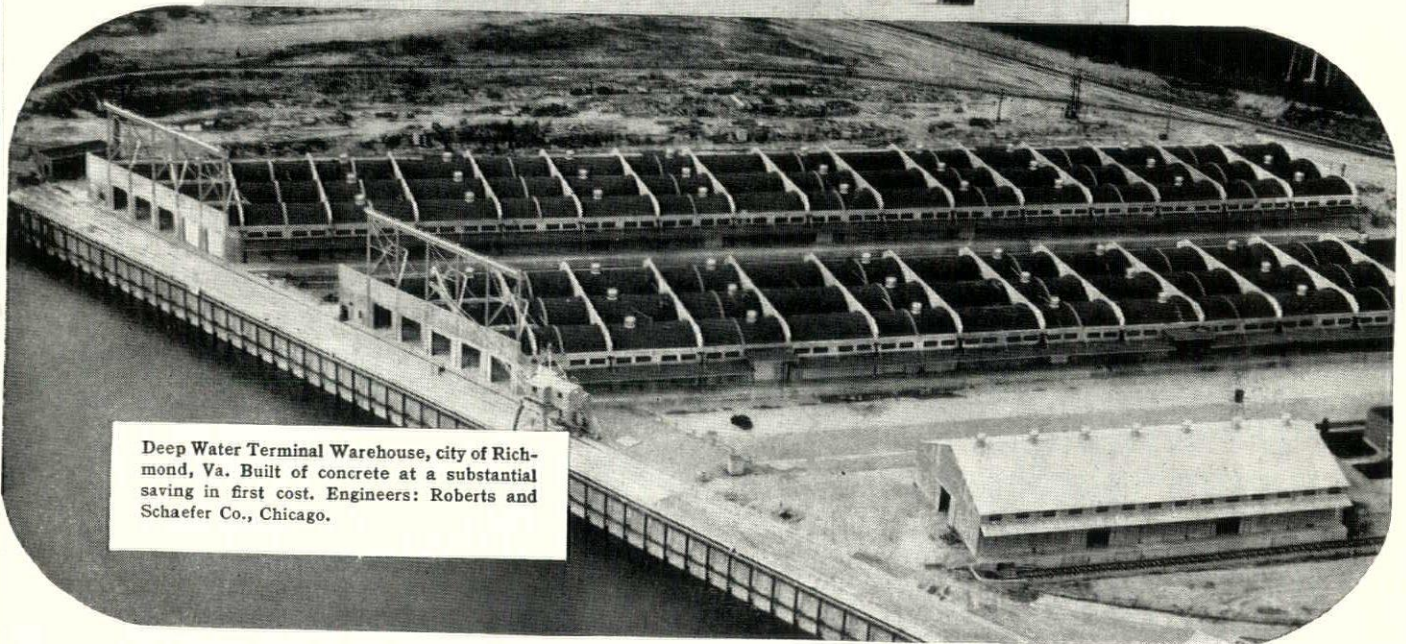
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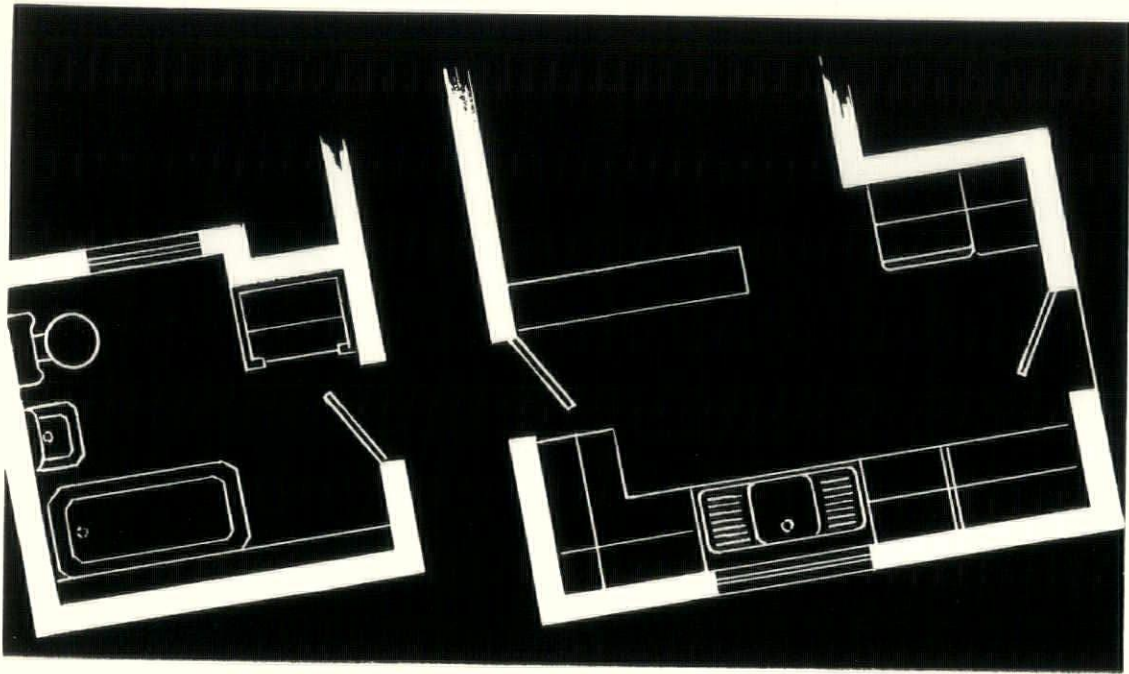
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ON THEIR 28th ANNUAL CONVENTION

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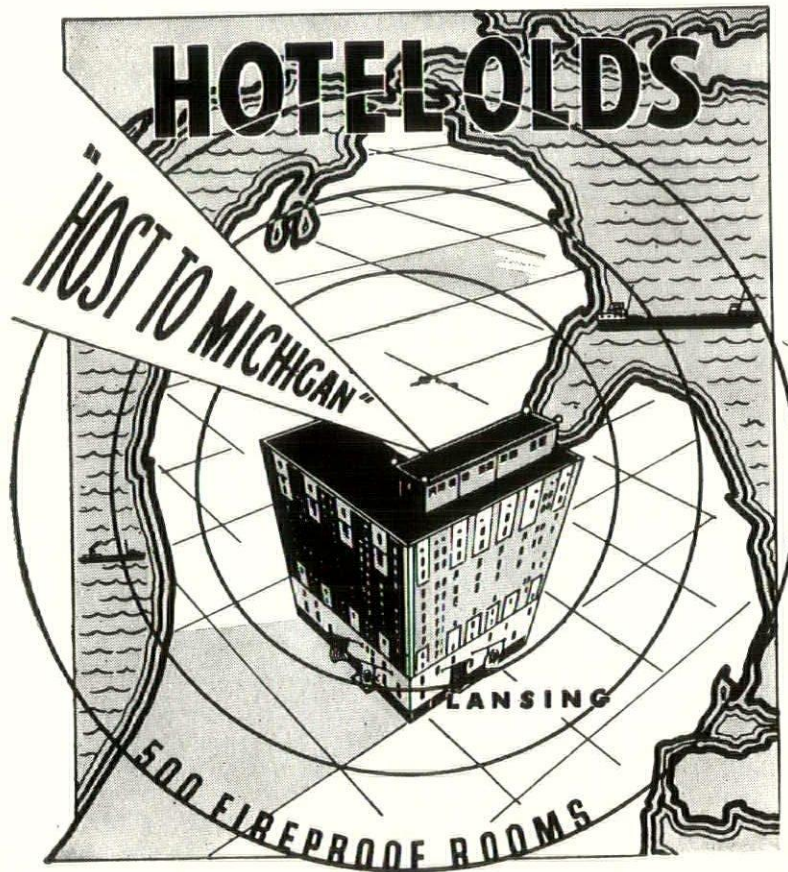
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MICHIGAN SOCIETY OF ARCHITECTS Twenty-Eighth Annual Convention

HOTEL OLDS, LANSING, MICHIGAN

April 2, 3, & 4, 1942

* * *

Thursday, April 2

6:00 p.m. Registration begins in Club Floor Lounge, Hotel Olds.

8:00 p.m. Informal Stag Buffet and Smoker, East Room.
Viewing of Exhibition.

Friday, April 3

8:00 a.m. Breakfast meeting, Board of Directors, Brown Room.
Registration continues in Lounge, Club Floor.
Informal reception.

10:00 a.m. Official opening, business session, East Room.
Greeting to the Convention, Arthur J. Zimmermann, President Central Michigan Division.
Minutes of last annual meeting as published in Weekly Bulletin.

Report of the Secretary, Cornelius L. T. Gabler.
Report of the Treasurer, John C. Thornton.
Address of the President, C. William Palmer.
Appointment of tellers on election of officers.
Reports from presidents of each Division.

12 Noon to 3:00 p.m. Tre Ore
(inasmuch as this is Good Friday, the period from 12:00 Noon to 3:00 p.m. is left open on this program. Those wishing to attend church services during this period please get in touch with the Convention Committee for location of churches of various denominations, all of which are in close proximity to convention headquarters.)

3:15 p.m. Business session, Kenneth C. Black, Chairman.
Report of Unification Committee and general discussion of this subject.
Report of tellers on election of officers.
Report on our association with Producers' Council by Frank Eurich, Liaison Officer.

7:00 p.m. Sixth Annual Building Industry Banquet.
(Speakers' table formal dress, remainder optional).
Toastmaster, William A. Cory.
Music by Carlton B. Eldridge.
Presentation of guests.
Presentation of Honor Awards, C. William Palmer.
Guest Speaker, Thomas S. Holden,
President, F. W. Dodge Corporation.
Subject, "Building For Victory and the Future."

Saturday, April 4

8:30 a.m. Breakfast meeting of new Board of Directors.

10:00 a.m. Business session, East Room.
Branson V. Gamber, Chairman.
Report on Registration by Watts Shelly, Executive Secretary of Board of Registration. General Discussion following.
Report on program for A.I.A. Convention 1942.
Unfinished business.
New business and installation of officers.
Closing of business session.

12:00 p.m. Luncheon, American Room, Open to Public.
Toastmaster, Adrian N. Langius, Director of Division of Buildings & Construction, State Administrative Board.
Guest Speaker, Captain Donald S. Leonard, State Commander Citizens Defense Corps.
Subject, "Building For Defense."

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ASK YOUR DECORATOR

WEEKLY BULLETIN

Michigan Society of Architects

Volume 16, Number 13

March 31, 1942

TALMAGE C. HUGHES

Editor

120 Madison Ave., Detroit, Mich.

E. B. FAUQUIER

Adv. Mgr.

Entered as second-class matter Dec. 9, 1930, at the Post Office at Detroit, Mich., under the Act of March 3, 1879. Published Weekly. Subscription Price: 50c per year (Non-members \$4.00) 10c per copy. Special Numbers \$1.00

ON THE COVER

Detail, Denver Ordnance Plant, Smith, Hinchman & Grylls, Inc., Architects & Engineers.

Material in the Smith, Hinchman and Grylls portfolio has been passed by the U. S. Office of Censorship. It is to be noted that names and location of plants have been deleted. For obvious reasons, also, no air views are permitted. Needless to say, but for this, an even more impressive showing could be made.

ALL HAIL

To our President, Bill Palmer, to officers and directors, the committees and their chairmen.—An especially to Johnny Thornton, treasurer. He is retiring at this Convention, after ten years of faithful service. Under his administration the Society has made gains never dreamed of, both in membership and its financial position. His shoes will be hard to fill, but he has agreed to carry through with the new treasurer to assist him in holding on to the gains made.

ARCHITECTS' CONVENTION TO BE DEVOTED TO VICTORY PROGRAM

The Twenty-Eighth Annual Convention of the Michigan Society of Architects scheduled at Hotel Olds in Lansing, April 2, 3 and 4, will be devoted largely to the architects' part in the Nation's victory program, according to an announcement made Saturday by Kenneth C. Black, general chairman on arrangements for the meeting. Other Lansing architects assisting Black are A. J. Zimmermann, A. A. Stewart, Ralph B. Herrick, R. V. Gay, A. N. Langius, Clarence Rosa, St. Clair Pardee and Carl Rudine.

LEONARD TO SPEAK

Captain Donald S. Leonard of the State Police, who is State commander of the Citizens Defense Corps, will be the speaker at a noon luncheon on Saturday.

Captain Leonard will have complete charge of this phase of defense and has plans for organization along the lines already proven in England. As consultant for the Office of Civilian Defense he visited London and other English cities and observed firsthand civilian protection.

EXHIBITION PLANNED

Frank H. Wright of Detroit is chairman of a committee to collect material from the architects' offices of the state to be exhibited at the hotel in Lansing the week of the Convention. Honor awards will be presented for the best designs in the classes of small residences, larger residences, and other buildings.

The problem facing the profession will be dealt with and special attention given to the formation of groups of individuals and smaller offices, together with engineers, for the purpose of handling defense work. Since it is obvious that practically no other types of construction will go forward until after the war, it is essential that architects of all classes organize to fit into the government's program at once.

"As far as 1942 building activity is concerned, we can

envision a concentration of effort upon projects directly related to munitions of war," C. William Palmer, Society president, stated. "These activities will be centered around the army, navy and air force and upon projects coming within the scope and meaning of the health and safety of both the armed forces and the civilian population," he added.

"Never before has a greater task been placed squarely upon the architectural profession and the construction industry—a task that calls for the production of billions of dollars of new factories needed for the speeding up of an industrial machine to provide planes, tanks and ships in quantities that challenge the imagination."

"The problem, therefore, becomes one of fitting every element of the building industry into the proper category in order to achieve maximum results with speed and efficiency. While the solution of the problem will rest principally upon the larger organizations, which have demonstrated ability to perform under emergency conditions, smaller organizations are willing and eager to make their contributions. They can do so by pooling their resources and organizations with others of their own size and by working in cooperation with and direction of the Government," Palmer concluded.

The convention will open with an informal smoker Thursday evening, April 2. The board of directors will meet for breakfast at 8:30 A. M. on Friday and this will be followed by the first business session at 10 o'clock, at which reports of officers, directors and the seven Division presidents will be heard.

INDUSTRY BANQUET

At the annual banquet scheduled for 8 P. M. Friday, William A. Cory of Detroit will be toastmaster and the guest speaker Thomas S. Holden of New York. His subject will be "The Architect and the Building Industry in the Victory Effort and in the World Tomorrow."

Mr. Holden, who is now president of the F. W. Dodge Corporation, which company publishes Sweet's Catalog, Dodge Reports, Statistical Research Division, Architectural Record and Real Estate Record, has served as chief statistician for his company and editorial director of the Architectural Record. Since 1919, he has been in charge of general publicity and public relations for the company. This has involved much contact with professional and trade associations, public addresses, newspaper and magazine articles on construction and architectural matters.

LADIES WELCOME

While no special plans are being made for the entertainment of ladies, they will be welcome. "Ladies of the Convention" always add color and interest. Many of the sessions will include discussions not entirely foreign to them. Many architects' wives know a great deal about the profession—some more than their husbands—and this should be cultivated and encouraged.

In Memorium

The Michigan Society of Architects expresses sorrow at the passing of the following members since the last convention:

John M. Donaldson
(Honorary Member)

Geza Maroti
(Honorary Member)

Ernest S. Batterson
Harry W. Bonnah
David Gorman
Frank E. Hill

Grant C. Macomber
Everett W. Nice
F. J. Thielbar
Harry W. Wachter



Palmer



Holden



Capt. Leonard

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REPORTS OF COMMITTEES 1941-42

MICHIGAN SOCIETY OF ARCHITECTS

Note: Report of George F. Diehl, chairman, Committee on Relations with the Building Industry, was published in the Bulletin of February 3, 1942; report of Earl W. Pellerin, chairman Committee on Education, issue of Feb. 10; Aloys Frank Herman, president Detroit Division and Leo M. Bauer, chairman Committee on Practice, issue of Feb. 17.

COMMITTEE ON LEGISLATION

Kenneth C. Black, Chairman

In accordance with instructions of the Society at the last convention, the Committee had certain amendments to the Registration Law introduced at the regular session of the State Legislature for 1941. The Committee Chairman, accompanied by Mr. Langius, attended hearings at committee meetings in both the Senate and House.

During the course of the amendments through the legislature, one minor amendment, proposed by the Union of Operating Engineers, was placed in the bill in addition to the ones proposed by the Society. With that single change, the bill was adopted by both houses, was signed by the Governor, and is in effect.

In addition to sponsoring the legislation desired by the Society, the Committee kept an eye on other legislation of interest to the profession and wrote several letters to members of the House and Senate relative to the Society's position on other legislative matters.

In the preliminary work attendant on the introduction of this bill, the Committee had two or three meetings which were very well attended.



Black

COMMITTEE ON PUBLIC INFORMATION

Talmage C. Hughes, Chairman

The meetings of the Board in the various division areas have resulted in excellent newspaper publicity throughout the State. In every locality news releases have been used, because there is a local angle, that of the director from that area. The Summer Convention at Mackinac Island was the most notable example, ranking second to the Annual Convention.

There has been a feeling on the part of some members of our committee that the present is not a favorable time to publicize the architect. There would seem to be some justification for this and, on the other hand, there is much to be said in favor of not relaxing our efforts, even under the most difficult circumstances. England's plight is much more serious than ours and has been so for several years, any yet the Royal Institute of British Architects has redoubled its efforts to educate the public and governmental officials, in an effort to prepare them for a post-war program in which the architects will take their proper place.

With regard to our National Committee I quote from the Institute's communication of November 3, 1941:

"At the meeting of The Board on November 1, the report of the Committee on Public Information, Talmage C. Hughes, Chairman, was received and commended.

"It was directed that the 'Public Information Manual' accompanying the report be mimeographed and sent to each Chapter and each State Association Member of The Institute through the Regional Directors and the State Association Directors.

"Accordingly there is transmitted, herewith, sufficient copies for each Regional Director to send one to each of his Chapters and to hold two copies in reserve.

"The State Association Director will receive enough copies for each State Association Member of The Institute, with five copies for reserve.



Hughes

"As of possible convenience, there is attached to this letter a current roster of Chapters and State Association Members, showing names and addresses of Presidents and Secretaries based on information of record here."

REPORT OF THE SECRETARY

Cornelius L. T. Gabler

Following the 27th annual convention, at the Hotel Statler, Detroit, March 19, 20, 21, 1941, the board of directors held nine regular meetings and three special meetings.

Regular meetings were as follows:

Hotel Statler, Detroit, March 21, 1941.
Intercollegiate Alumni Club, Detroit,
June 9, 1941.

Directors meeting held jointly with
the Detroit Chapter, A.I.A. at
the Intercollegiate Alumni Club,
July 7, 1941.

Mid-summer Meeting, Grand Hotel,
Mackinac Island, August 7 to
10th, 1941.

Pantlind Hotel, Grand Rapids, Sept.
23, 1941.

Lansing, October 22, 1941.

Midland, November 14, 1941.

Knife and Fork Club, Battle Creek,

Jan. 13, 1942.

New Bldg. of the Engineering Society of Detroit, March
10, 1942.

Special Meetings were as follows:

Held in office of C. W. Palmer, Detroit, April 7, 1941.

Held in office of C. W. Palmer, Detroit, April 22, 1941.

Held at Intercollegiate Alumni Club, jointly with the
Detroit Division, on June 9, 1941.

There has been much accomplished during the past year, partly accounted for by the diligent work of your board and partly due to the fine attendance at all meetings.

The special meetings of the board formulated the amendments to the registration law that were later presented to the legislature and passed. Questions of the practice committee were discussed at these meetings and it might well be said that under the chairmanship of Leo Bauer more has been accomplished in this branch than any other single committee.

Through the routine of the regular board meetings the following were the most important of the problems handled:

Participation of the Michigan Society of Architects in the planning and arranging of the National Convention of the American Institute of Architects, which will be held in Detroit in June.

Resolutions on priorities.

The disciplining of certain contracting firms who flout the law by offering and providing architectural services in competition with members of our profession.

Passing of a resolution that will maintain on the active membership list, without the necessary payment of dues, during the time of Service, of all active members of the Michigan Society of Architects who have entered the service, below the rank of a commissioned officer.

The establishing of a sinking fund to act as a reserve for the Bulletin to help defray a deficit that might appear in a year's operation of the Bulletin.

In recording these, and other important matters, it has been gratifying to see so much accomplished in such an efficient manner by your board and especially your president.

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ARCHITECTS—BUILDERS' AND TRADERS' GOLF COMMITTEE

Wm. F. Seeley, Chairman

It seems only a little while ago that I stood before you to read the golf report for 1940. Much has transpired since then, but of all the pleasant happenings of the year, the six golf outings of ours stand out in my memory, (and I hope in many of yours), as would a bright light in a dark corner.

The first outing was held

TUESDAY, MAY 27—ORCHARD LAKE COUNTRY CLUB—WEATHER, FAIR, HOT, and WINDY. 130 played golf. 136 had dinner. A great turnout.

Second: TUESDAY, JUNE 24—TAM O'SHANTER COUNTRY CLUB—WEATHER, FAIR and WARM, a perfect day. 71 played golf. 78 had dinner. An ideal day, but attendance was off some—fishing season opening always hurts.

Third: TUESDAY, JULY 22—BROOKLANDS GOLF AND COUNTRY CLUB—WEATHER, FAIR and WARM. A perfect day. 75 played golf. 88 had dinner. A fine party all the way.

Fourth: TUESDAY, AUGUST 19 — TAM O'SHANTER COUNTRY CLUB—WEATHER, FAIR and WARM. A perfect day. 69 played golf. 94 had dinner. Business and vacations cut the golfers.

Fifth: TUESDAY, SEPTEMBER 16 — TAM O'SHANTER COUNTRY CLUB—WEATHER, FAIR and HOT 1:00 to 4:00 P.M., then a ten-minute shower—balance of day fair and moderate. 92 played golf. 85 had dinner. Good meeting after dinner. Guests of honor were Col. Burdick and Lafe Allen, Real Estate Editors of the Detroit Free Press and the Detroit Times. **Note:** This was the first outing on our records where more men played golf than were present at dinner. You explain it.

Sixth: THURSDAY, OCTOBER 16—BROOKLANDS GOLF AND COUNTRY CLUB—WEATHER, FAIR and MODERATE. A perfect day. 68 played golf. 97 had dinner. This being the final party, the custom which had been in vogue for closing the season of 1939 and 1940, viz., that of having special prize donations discontinued. It was felt that there had been so many things to give for this year that people just might not be in the mood. However the T. B. Rayl Company and John Howell did give special prizes. Your chairman was fortunate to draw John's prize which was a delicious cake of my choice, baked by John and duly delivered in person. The Rayl Company gave a number of hammers, chisels, screwdrivers, and flash lights, through the courtesy of its president B. H. Ackles. The guest of honor was that venerable old trooper of ours, Jess Stoddard. Just another anniversary of his birth, this time being the 70th one. Jess, as is his custom had the big punch bowl in service, and all drank toasts to his continued health and happiness. "Long may he be with us," is the prayer of all who signed his birthday card.

Among those present was Aloys F. Herman, President of the Detroit Division of the Michigan Society of Architects—it was he who presented the cup to Paul Sutherland. Other cup winners for the season were Joseph King (May); Larry Hum (June); Jack Culbertson (July); H. J. St. Clair (August); and Leo I. Perry (September).

The sum total of all this is that 505 (average of 84) played golf, which is 84 more than in 1940, and 578 (average of 96) had dinner which is 96 more than the previous year. This gain was very gratifying, it in reality is the equivalent to another outing. You were relieved of \$1,685.75 (average of \$281.00), during the season, as against \$1,624.00 (average of \$270.00), for 1940.

\$1,395.41 was paid for green fees and dinners. 87 regular and special prize certificates, 8 dozen golf balls, miscellaneous expenses such as sales tax on dinners, fees to pros and

locker room boys, tips to waiters, and complete dinners to guests of honor, called for \$275.08, which leaves a balance of \$15.26.

It is interesting to note that the average of those who played golf and those who had dinner was an even 90 and though the highest attendance at any one outing was 136, we actually had present during the six outings 262 different men, and over the twelve year period of our handicap record which started in 1930, 698 different men either trod the fairways with us or have broken bread at the dinner tables.

In closing, thanks and appreciation go to Dr. Chandler, president, for his support and attendance; to Ed. Brunner, our secretary, for his attendance and support in the way of publicity, he did a good job; to all the directors who were present on one or more occasions; to our faithful and hard-working recorder, Miss MacFarland; to Jane Cooper, who got out the notices and prepared the certificates; to Miss Krietzler for assisting at one outing and finally to all of you fellows who make these outings possible.

Last year at this time we predicted an increase in attendance due to the addition of fifty-three new member firms, it is pleasing to see this prediction come true.

What lies ahead of us next year, no one knows, but with your help, we will carry on knowing that it is always a pleasure to serve the finest social organization of the building industry in the state of Michigan.

Thank you.

ANN ARBOR DIVISION, M.S.A.

L. L. Woodworth, President

As in the past, one of the chief local problems has been the extent to which local lumber dealers furnish plans prepared by full-time draftsmen within their own organizations.

Last spring we asked these lumber dealers to meet with the members of the Ann Arbor Society, at which time we pointed out that many of the houses for which they prepared drawings should rightfully be in the hands of the architects. Their defense is the usual one, that they were forced into preparing plans by competition; however, they did agree to limit their drawings to houses costing not more than \$7,000.00.

Two registered engineers were petitioned by our division to stop loaning their seals for drawings prepared by unregistered men, where the seal was required to obtain a building permit. These engineers promised their cooperation.

Some of our members investigated the matter of a large residence under construction and discovered that plans had been prepared by a local lumber dealer. Because of the cost of the house, legal requirements had not been met and we were able to have the building permit revoked and construction stopped. Although still acting unethically, legal requirements were met before construction was resumed. We have had splendid cooperation from the city engineer's office and the building inspector.

The exhibit of Architecture and the Allied Arts was held in the exhibition rooms of the Rackham Building from May 5th to 15th. In addition to the material supplied by the Michigan Society the work of local architects and students was exhibited.

In connection with the exhibit, Alden B. Dow of Midland gave an illustrated lecture which was well attended.

One thousand cards were mailed announcing the exhibit and Mr. Dow's lecture. Generous publicity was given us by the local papers.

At our dinner meeting with the board of directors of the Michigan Society on Tuesday evening, February 17th, Mr. Watts Shelly, the executive secretary of the State Board of Registration for Architects, Professional Engineers and Land



Woodworth

Continued on Page 17

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Surveyors, gave an interesting and encouraging report of his work in connection with enforcement of the registration law. Following Mr. Shelly's talk the meeting was devoted chiefly to a discussion of the plan for unification.

Our last meeting was held at the Michigan Union on March 3rd. At this meeting the following officers were elected for the coming year; Paul Kasurin, President; Thomas S. Tanner, Secretary and Treasurer and Lynn W. Fry, Director.

CENTRAL MICHIGAN DIVISION

Arthur J. Zimmermann, President

Central Michigan presents to the Society a group of conscientious architects who have shared the responsibilities of another year of work and pleasure. A group of men in practice, in business, and in government who have met monthly throughout the year in the service of our profession. The Society lists some thirty names in our group. Commendation goes to: Ackley, Black, Frost, Gay, Kressbach, Langius, Harris, Hartwick, Herrick, Pardee, Rosa, Rudine, Sampson, Simpson, Stewart, and Stow. Not one of these sixteen active members can be singled out for individual effort without a thought for others in the group.



Zimmermann

Central Michigan wishes to report a year of innovations; in organization, in procedure, and in activity, which paid many pleasurable dividends. A motto, "a little job for everyone", brought responsibility and action. Streamlined committees developed group interest. We had only two: one entitled, "Public Relations" and the other "Art Activity". Each furnished alternate subject matter for our meetings. The secretary's minutes were outmoded and narrative summaries written of each meeting by different members who took turns in reporting for the group. These summaries were dittoed by the secretary and sent originally to only absent members that they too might become a part of our activity. One never knew what might be said. The result was that soon copies had to be sent to all our members. We now have an individually written summary of the year's group activity and have made a definite step toward building up our own public relations with a thought in mind for those of the profession and the future.

Locally we bid the Society welcome to Lansing. The convention has been the outstanding thought and activity of our group for the year. We trust our hospitality will merit your approval.

WEST MICHIGAN DIVISION, M.S.A.

Emil G. Zillmer, President

Another busy year has passed and it is time for our president to make his annual report.

Five, four regular and one special, meetings were held during the past year, three were at the W. B. Grill, one at the Pantlind Hotel, and the annual meeting at the Cherrie Inn.

The meeting at the Pantlind, held September 23, 1941, was a joint meeting of the Boards of the W.M.S.A., the Detroit Chapter A.I.A. and the Grand Rapids chapter, A.I.A. Members of the Producers' Council were represented and the meeting was well attended. Many interesting talks and discussions were given by members and representatives of the various Chapters and Producers' Council.

Our last meeting was an election of the officers for 1942 with Chris Steketee, president; Charles Norton, vice president; Frank Mester, secretary and treasurer; and Harry L. Mead, director.

Several of our members have left our ranks for the duration of the war.

John P. Baker is in Pine Bluff, Arkansas.



Zillmer

Fred Knecht, Warren Rindge and Bernard DeVries are in Dixon, Ill., with Mr. Kingscott.

Ralph Seeger is in Florida for a month's vacation.

Col. McCarty is still in Chicago serving Uncle Sam, probably a General by now. Good luck, Bill.

Our meetings usually bring forth the old Baker's dozen and with Rod Allen, Paul Flanagan and Governor Osgood at their usual corners, the meetings are always very interesting.

Harry L. Mead has been the most active member, outside of Frank Mester, collecting dues. Mr. Mead attends any and all meetings; M.S.A., W.M.S.A., A.I.A., and all the Directors' Meetings, and his knowledge of affairs keeps us well informed; thus his election as director for the new year.

With Chris at the helm this year, our Chapter should give a good account of itself and I know he will keep the Chapter active. We will all support you, Chris.

Many of our members were placed on Committees by our good President, Bill Palmer, and I am sure they helped their chairmen and gave a good account for themselves.

Mr. Turner has been on the sick list, but from latest reports is back in the harness again and no doubt you will see him at the Convention.

We miss John Baker and hope he will be back with us soon as the war is over or his project is completed.

Our office has been very busy the past year and a half, and being out of town most of the time has kept our meetings rather few.

Tal Hughes was our guest at the last meeting and gave us a very interesting talk on Unification. More power to you, Tal, and I know the boys enjoyed your discussion and always enjoy having you with us. This goes for all the M.S.A. Architects, too.

In retiring as President, I wish to state that our Division is still a loyal group, a fine bunch of fellows, and here's wishing you much progress for 1942 and a bigger and better Division and more loyalty and action for the M.S.A., as well as our good old U.S.A.

Our many thanks to Bill Palmer, the officers and Directors of the M.S.A.

On to Lansing for another big convention fellows.

PRODUCERS' COUNCIL

Frank Eurich, Jr., Liaison Officer

As Liaison Officer for the Society to the Producers' Council of Michigan, I desire to report generally encouraging progress through the year, looking to the gradual achievement of the Council's nationwide objectives, relative to the architectural profession, in which program the Producers' Council of Michigan, with headquarters in Detroit, is functioning with notable success.

Industrial turmoil, labor and material problems, priorities and other factors have each, and all, contributed during the year to definitely limit the usual informational programs which the Council has sponsored and produced in connection with, and often as a part of, the meetings of our architectural groups. Michigan Society members know the value of these programs.

In spite of this, however, the spirit of the work carries on. It is gratifying to report some outstanding facts, which, generally known to the profession, are well worth recording here.

For the benefit of architects, and, in the interests of developing the highest quality of design, manufacture and research, the Producers' Council is faithfully continuing its investigations of newest building products and services; most recent developments in existing products and their application, and providing research and technical data, helpful in design and specification practice, the results of all of which are made available through the medium of the Producers' Council Bulletin, which appears at intervals.

This, in itself, constitutes a tremendous service to the profession and to the building world, in general, the value

Continued on Page 19



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of which can hardly be appraised. The fruits of all this labor are at the service of every architect in the state.

Further, the Producers' Council has uniformly contributed at the Society's Divisional meetings, not only through the attendance of its members, and occasional table exhibits, but in certain notable instances, an entire evening was given over, under Producers' sponsorship, to a member organization, which, acting as host, (and by that I mean, HOST,) presented a program of the greatest interest and educational value.

Even a brief resume of the functions of this particular committee, could easily extend beyond the generous space allotted to it; further remarks, which we hope will be deemed apropos, are reserved for a special report to be rendered at the Lansing Convention in April.

Your Committee very respectfully submits that he has taken huge enjoyment in the performance of his job as he sees it, but, he emphatically states, that he does not like, and never has liked that word "Liaison," and, in Lansing he will tell you why.

COMMITTEE ON MICHIGAN ARCHITECTURE

Emil Lorch, Chairman

The revised plan for a state-wide study of early Michigan buildings and architects with the help of an enlarged committee, approved last year, is so comprehensive that much time will be required to bring about the desired result. Circular letters and personal letters were sent out and the plan discussed with architects in various cities. However both the nation's critical status and that of the profession have naturally absorbed attention and are likely to continue to do so. Many desire to cooperate but cannot give time to search out the needed data.

Some progress has nevertheless been made,—at Mackinac Island through the efforts of W. L. Rindge of Grand Rapids and others, in Bay City by Averton E. Munger and with the help of George D. Mason in Detroit and of Claire Allen in Jackson. Much remains to be done in these communities. There is also in hand historical material from quite a number of other cities bearing on the time not covered by the Historic American Buildings Survey.

The Convention of last year passed resolutions endorsing the restoration of the American Fur Company buildings and others on Mackinac Island and of the Officers' Building of what was the Detroit Arsenal at Dearborn, formerly Dearbornville. The latter building was at the time of the convention threatened with destruction; in order to serve municipal and other uses the interior has undergone changes architecturally unfortunate during recent years. It is all that Dearborn has left of its early history and some of its citizens greatly desire its preservation. The Detroit Historical Society has for some years interested itself in Fort Wayne where it is now established, nothing will be done to the fine old Barracks of stone or to the walls of the Fort with approval of that Society. At Dexter the reconstruction of Gordon Hall, known as the Judge Dexter house, is progressing slowly. During the celebration of the centennial of the completion of the Michigan Central Railroad to Dexter the house was one of the chief attractions having had its main floor completely decorated and furnished for the three day occasion. The large number of visitors demonstrated that in Michigan as in other states the public is interested in architecture and decoration and that communities still having good early buildings, of which many have been destroyed and others are failing, can through restoring them not only attract visitors but stimulate interest in persons of all ages in the accomplishments of the past of which architecture is such a vital expression.

Interest has also been shown by out of state individuals, non-architects, who are familiar with historical results elsewhere hope that Michigan will not wait too long. That Michigan's early architects were "superior constructors" was stated by the late Irving K. Pond and this is demonstrated by the excellent condition of many of their surviving structures. These architects accomplished much with-

out the vast technical and material resources now so readily available to architects. It seems desirable therefore to record something of the life work of these pioneers who so worthily represented their profession during the more leisurely times preceding the automobile, plane and wireless, when in Detroit for example all the practitioners could be accommodated round a single table. Here and elsewhere such groups also laid the foundation for present day architectural organizations on which base we are still building often unconscious of their depth.

REPORT OF THE PRESIDENT

C. William Palmer

Your President herewith presents a general resume of the activities of the Board of Directors during the past year and, without encroaching upon the reports of the various committee chairmen, attempts to give you, in general, the progress of the Society during that period.

Too much praise cannot be given to your Board, which has met with all the divisions during the year, holding its board meetings in the afternoon and meeting with the division for dinner in the evening. The Board consists of eighteen members, and during the past year it has held ten meetings, with an average attendance of fourteen, one meeting having seventeen, which shows the interest that each Board member has had in the Society. Their serious attention and consideration to all matters coming before them is to be highly commended.

The Board has enjoyed meeting with the various divisions, for through this medium we become better acquainted with the entire membership of the Society and get to know the problems of the various districts. At these meetings we make contacts that seem impossible at a convention.

The Board meeting at Mackinac Island in August was well attended, and the snappy, meaty sessions of the Society, discussing unification, priorities, registration, Public Information, etc., will long be remembered by those attending. A good portion of the time was given over to entertainment, and the delightful environment coupled with ideal weather and every one in a holiday spirit made it a very pleasant outing. Every member attending praised this new activity of the Society and earnestly requested that it be repeated this year, air raids permitting.

The Board has studiously considered all points of discussion on unification, and while the profession may not be ready for this venture at the present, it is fondly hoped that this subject will not be pigeon-holed, but that eventually a solution that will satisfy all the members of the profession can be had, so that the public can recognize one united body. This will strengthen our organization within itself and give it more power in the public eye. Your President not only requests, but urges, that work be continued in this direction.

Even though we do not organize as one unit in the State of Michigan, the Society and the two chapters should unite in having one group of standing committees for each year. The present duplication is confusing for the individual member. One group for each activity made up from members of each architectural organization would make each member of the group conscious of his responsibility for work to be done. If you place a man on too many committees, he is apt to do less total work than if you give him one job on which he can concentrate his best efforts.

The Professional Practice Committee of the Society has worked earnestly and closely with the Registration Board (where a most friendly feeling exists). The Board has listened attentively and patiently to our complaints and is doing its best to solve our problem. We may expect great progress in the coming year in weeding out unlawful practice of the profession within this State.

The Membership Committee, working with our Treasurer, has outdone itself, and by hard work and personal attention the Society now—with a total of 542—has the largest membership for any year since its formation. This, accomplished in face of the fact that our dues were raised

Continued on Page 21

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from \$3.00 to \$5.00 at the last convention, shows the excellent work of the committee.

It is with regret that we announce the resignation of our Treasurer, John C. Thornton, who, after ten years of loyal service in this capacity, requests that he be relieved of this duty. The present healthy financial condition of the Society is largely due to his capable and untiring efforts. However, we note with pleasure that he will remain on the Board where we will still have access to his valued opinions on Society matters.

Now that we are in the midst of the great struggle, War, various members are either joining up with the Army and Navy, or burning midnight oil creating structures for National Defense. In general, the architect is doing his "bit" along with others, and Washington seems to recognize that the architect is a valued factor in the immense "Building for Defense" program.

Our Bulletin has given the profession at large a splendid cross section of our thoughts and activities, and, without doubt, is the most widely read publication of our profession in this locality.

This is due to the untiring efforts of its editor. The Public Information Committee, headed by the editor, has secured valuable space weekly in the local and State papers. Due credit should be given to this committee for obtaining such splendid results in a very difficult task.

The Legislative Committee has been on the alert and kept a watchful eye on all bills that have come before the State Legislature wherein the architect and his practice are involved. Through the efforts of his committee we were able to have two bills amended which might have worked to the disadvantage of our professional practice had they become effective as originally written.

We have had the best of cooperation with the Producers' Council of Michigan, and their informational meetings and constant good fellowship are sincerely appreciated by every member of this organization. These two organizations need one another, and their combined efforts can do much towards better building conditions. The Society should encourage this dignified affiliation for the good of all and the staunch friendships that can be formed through this source.

The Building Industry Committee, composed of four members of the Michigan Society of Architects, the Producers' Council and the Builders' and Traders' Exchange, has operated efficiently during the past year, making one more effort towards a united front for the building industry.

In closing, your President wishes to express his deep appreciation for the splendid cooperation of each Board member and the work done by all committee men during the past year.

COMMITTEE ON MEMBERSHIP

Lawrence E. Caldwell, Chairman

When this committee started functioning about one year ago we established a quota which was to break all preceeding records. Our goal was to be 506 active members, and more if possible to obtain. This goal was exceptionally high as we had no promotional activities as were used when the previous high of 505 was established. We broke all preceeding records.

As to the outcome of this campaign, I wish to refer you to the report of our Treasurer, Mr. John C. Thornton.

That the Society as an organized group should represent a membership of not a few but 100% of those registered in Michigan seems to be idealistic at this time. Some of our registered Architects have questioned the ability of such a Society to aid them in their individual problems. If a larger group would attend our monthly meetings and acquaint themselves with the work that is being done by those men, chosen to hold office, this



Caldwell

criticism would be eliminated and they would become active members.

The committee has requested all registered architects to pay their dues so the architects would be formed into a unified architectural society, such as would present a strong unified architectural front. With such an organization we could accomplish much.

To the incoming officers, this committee would suggest that more members be assigned to the membership committee so the following plan could be used: The plan suggested is to assign enough members to the committee so that each one could be allotted 10 names, and his duty would be to personally see that those prospective members pay their dues. A personal contact sometimes seems to be the means required to collect dues. This seems necessary if we are ever to have a 100% membership, and even then we may never attain that goal.

Your chairman wishes to thank each member of the committee. Without the help of Messrs. Thornton and Sewell of Detroit; A. J. Zimmerman, Lansing; Frank J. Mester, Grand Rapids; D. A. Kimball, Saginaw; F. S. Carson, Ann Arbor; H. W. Gjelsteen, Menominee; and Milton C. Major, Kalamazoo, the results of this committee's work would have been considerably less.

REPRESENTATIVE TO THE MICHIGAN ENGINEERING SOCIETY

C. William Palmer

Representing the Michigan Society of Architects, your President attended the banquet and the final meeting of the annual convention of the Michigan Engineering Society held in Grand Rapids last April.

Your representative, who is made a member of the board of directors of the Michigan Engineering Society, attended four out of five meetings of that board held in Lansing and Detroit, and reports continued progress in the friendly relations that exist between this body and the Michigan Society of Architects. This organization fully recognizes our professional standing as well as its own and at its meetings problems of both professions are discussed.

It was through the combined efforts of the Michigan Engineering Society and the Michigan Society of Architects that the amendment to the registration law was made last June.

Your representative finds a strong bond of friendship existing between the two organizations and continually working together on all activities of mutual interest, we can expect great progress in informing the public the extent and value of our respective professional services.

Many architects of the State have joined this organization during the past year and your representative feels that these members will find their time well spent if they attend the Michigan Engineering Society annual convention held in Lansing the middle of April, at which problems of interest to both architects and engineers will be discussed. *Continued on Page 23*

HONORARY MEMBERS

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Maurice Chauchon, Paris, France
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Paul Philip Cret, Philadelphia, Pa.
Alfred Granger, Chicago, Ill.
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SMALL HOUSE COMMITTEE

Clair W. Ditchy, Chairman

The small house picture is a rapidly changing one. Federal agencies, new materials, improvement in owner taste and demand, more intelligent public interest in the problem, more intelligent zoning and building ordinances are some of the factors which are producing this change.

Housing is a comparatively new field in America. The existence of a housing problem has been recognized for many years but until recently nothing positive was done about it. It came to the attention of Theodore Roosevelt who was our first president to comment upon its national implications. Under President Hoover, a conference on housing problems emphasized the seriousness of the housing situation and prophesied that if private enterprise did not find it feasible to solve the problem, government would. In Franklin D. Roosevelt's administration we have witnessed the building of many projects under various governmental agencies. Although many of these have been criticized because of cost, banality of design, unsound economic basis and other weaknesses, yet these Federal projects have served to point the direction which housing should take and have done much to educate the public. They have established certain standards for room occupancy, sanitary facilities, light, ventilation, ratio of land area to number of occupants, etc. They have focused public attention upon such community affairs as birth, death and crime rates, tax delinquencies, fire hazards, obsolescence and kindred evils prevalent in blighted or slum areas, and are demonstrating a plausible and economically sound method of solving these problems. They have proven the value of planning and proper shelter in creating a community esprit de corps.

The architect's place in this picture has not been very well defined. To begin with, he has, either through choice or economic necessity been interested only in housing for the higher income groups. Social workers, government officials, civic-minded citizens, professional "housers," and a handful of enthusiastic architects have in the main promoted the cause of housing to its present stage of development.

Private enterprise has not yet followed the Federal example to any appreciable extent. Some manufacturers are experimenting with prefabricated and demountable houses and speculative builders in some instances have canvassed the field sympathetically. Apparently the hesitancy to enter this field arises from the fact that because of the nature of the projects, the investment as such, can not be very lucrative.

The present war emergency is creating a great demand for temporary housing in localities where war industries have been established. Although some of the first housing projects erected under this program of war work have been unsatisfactory from many points of view, the apparent faults are being corrected in subsequent undertakings. As is often the case, the regrettable circumstance which has necessitated this program of temporary housing, has created a vast laboratory from which we may glean valuable data concerning costs, planning, new materials, new methods, site planning, facilities and utilities and once the war has ended we may adapt this knowledge to a sane and intelligent economic solution to this neglected problem.

The American Institute of Architects has had a national committee on housing for some years and the housing reports which have been written and submitted to the annual conventions constitute a substantial contribution to the literature on this subject. Local housing commissions and city plan commissions, through their studies and accumulated experience, are bringing to the attention of public authorities and private citizens the importance of this subject.

This committee believes that the individual architect should interest himself actively in the subject of housing as a community problem. It commends the work of the Citizens' Housing and Planning Council and urges architects to assist the Council in its work by joining it. Your committee further suggests that at least one meeting during the year be devoted to this subject and that the mayor and other public officials be invited to attend and participate in it.

TREASURER'S REPORT ON MEMBERSHIP

John C. Thornton

| | Registered | Active Members | Per Cent |
|--------------------------------|------------|----------------|----------|
| Central Michigan | 28 | 24 | 85.7 |
| Ann Arbor | 26 | 22 | 84.6 |
| Detroit | 345 | 291 | 84.3 |
| Southwestern | 30 | 25 | 83.3 |
| Saginaw Valley | 32 | 24 | 75. |
| Upper Peninsula | 7 | 5 | 71.4 |
| Western Michigan | 47 | 32 | 68. |
| Out of State | 218 | 118 | 54.1 |
| Total | 733 | 541 | 73.8 |
| Residing in Michigan | 515 | 423 | 82. |
| Non-Resident Members by States | | | |
| Arkansas | 1 | 1 | |
| California | 6 | 5 | |
| Georgia | 1 | 1 | |
| Illinois | 70 | 34 | |
| Indiana | 19 | 7 | |
| Iowa | 1 | 1 | |
| Maryland | 3 | 1 | |
| Massachusetts | 2 | 1 | |
| Kansas | 1 | 1 | |
| Minnesota | 5 | 4 | |
| Missouri | 2 | 2 | |
| Montana | 1 | 1 | |
| New Jersey | 1 | 1 | |
| New York | 23 | 15 | |
| Ohio | 35 | 20 | |
| Pennsylvania | 10 | 4 | |
| Virginia | 8 | 5 | |
| Washington | 1 | 0 | |
| Wisconsin | 16 | 8 | |
| West Virginia | 1 | 1 | |
| Wyoming | 1 | 0 | |
| Texas | 2 | 2 | |
| District of Columbia | 6 | 3 | |
| Ontario | 2 | 0 | |
| | 218 | 118 | |

Note: The above includes Honorary Members and deceased members who had paid their dues for this past year; also those received since closing the books.

Dues Payments in 1941-42

| | |
|--|-----|
| Number paid dues for 1941-42 | 527 |
| Less those who paid 1941-42 dues previously..... | 22 |

505

| | |
|---|------|
| Paid 1942-43 dues in 1941-42..... | 16 |
| Less those who paid 1942-43 dues previously.... | 2 14 |

Total 519

| | |
|---|---|
| Number of Active Members deceased during the year | 5 |
| Number paying dues but failing to reregister..... | 1 |
| Number of Honorary Members registered in Michigan | 5 |
| Number of Honorary Members not registered..... | 3 |

Above does not include those received since closing the books.

Active Membership by Years

| | |
|--------------|-----|
| 1936-37..... | 194 |
| 1937-38..... | 262 |
| 1938-39..... | 505 |
| 1939-40..... | 423 |
| 1940-41..... | 423 |
| 1941-42..... | 541 |

SUMMER SEMESTER AT U. OF M.

In accordance with general policy now adopted by the University of Michigan, the College of Architecture and Design will offer a full summer semester program of fifteen weeks. All essential required courses in the curriculum will be available. Entering students and those already in residence may thus accelerate their programs. Many desire to do this preparatory to special work with the armed forces.

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REPLY TO COMMITTEE ON UNIFICATION OF TOASTMASTERS, ETC., ETC., ETC.

Matching wits with Roger Allen,
Isn't just what I'd call pallin'
With a Saint;
He's too darn quick on the trigger,
And his punning and his vigor,
Smacks of paint;
His schemes are somewhat diabolic,
And it seems he likes to frolic,
With his pen;
Many strange things he has written,
And he really must be smitten,
With a yen,
To confuse the purely minded,
With his rambling long-winded,
Tales of men;
Unification of Toastmasters,
Would bring untold disasters,
To our Clan;
And better far than hoot 'em,
Take the whole bunch out and shoot 'em,
To a man;
For Kenneth Black he goes gunning,
With his satire and his punning,
And his swank;
But Ken has a lot of knowledge,
Never learned in any college,
He's no blank;
Ken is really smart and clever,
Knows his way around wherever,
He may be;
And he has a sense of humor,
All regardless of the rumor,
You must agree;
Therefore why should Roger Allen,
Insist that he has fallen,
So from grace;
He's a leader in his calling,
This despite Roge Allen's balling,
In the case;
And, to recognize my genius,
He would have this fiery Venus,
Gypsy Lee;
Unveil a bit of carving,
For a guy that's really starving,
Meaning me;
Of what can he be thinking,
Could it be that he's been drinking,
On a spree?
Better far dear Roger Allen,
That you send me down a gallon,
Of your hooch;
I really do need some that whiskey,
That keeps you sputtering and so friskey,
Make it Scotch!

BILL CORY, 3.24.1942.

STATE ARCHITECTS TO HEAR CAPTAIN DONALD S. LEONARD

The closing event on the schedule of the Twenty-Eighth Annual Convention of the Michigan Society of Architects to be held at the Hotel Olds in Lansing on April 2, 3, and 4, 1942, will be a Victory Luncheon at the Hotel Olds on Saturday noon, April 4, at which the architects will be addressed by Captain Donald S. Leonard, State Commander, Citizens' Defense Corps. Because of Captain Leonard's intimate knowledge of Civilian Defense problems, gained through his recent trip to England, and because of the tremendous interest on the part of all citizens in this subject, it has been decided to open this luncheon to the public.

Captain Leonard's talk, combined with the exhibition of defense methods and materials, which will be a feature of the convention, should be most instructive. He will speak on the subject, "Building for Defense," with particular reference to the part the building industry will be expected to play in the Defense Program and ways and means in which the average individual can be of assistance.

MARCH 31, 1942

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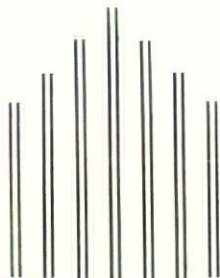
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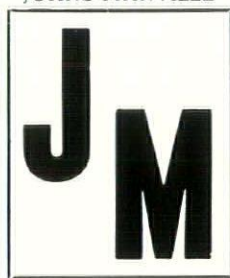


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PUBLICATIONS, REPRESENTING ARCHITECTURAL ORGANIZATIONS

(In whole or in Part)

- The Octagon, Journal of the A.I.A., 1741 New York Ave., N. W., Washington, D. C.
- The F. A. A. Bulletin, Florida Association of Architects, E. F. De La Haye, Sec.-Treas., Box 3747, Daytona Beach, Florida.
- Southwest Builder, Robert H. Orr, Editor, Architects' Dept., 724 South Spring Street, Los Angeles, California.
- The Bulletin, South. Calif. Chapter, A.I.A., 201 Architects' Building, Los Angeles, California.
- The Architect & Engineer, 68 Post Street, San Francisco, Calif., Fred W. Jones, Editor.
- Quarterly News Bulletin, Central Illinois Chapter, A.I.A., Elbert I. Harrison, Editor, 1014 Alliance Life Bldg., Peoria, Illinois.
- Monthly Bulletin, Illinois Society of Architects, H. L. Palmer, Financial Sec., 134 N. LaSalle St., Chicago, Ill.
- Bulletin, Kentucky Association of Architects, John L. McDermott, Sec., 1310 Washington Bldg., Louisville, Ky.
- The Construction News, 231 N. Pennsylvania St., Indianapolis, Indiana.
- Bulletin of the Boston Society of Architects, Edwin B. Goodell, Jr., Sec. 234 Boylston Street, Boston, Mass.
- Weekly Bulletin, Michigan Society of Architects, Talmage C. Hughes, Editor, 120 Madison Avenue, Detroit, Mich.
- Northwest Architect, 2642 University Avenue, St. Paul, Minnesota. H. W. Fridlund, Editor.
- Oculus, N. Y. Chapter, A.I.A., Albert G. Clay, Editor, 115 E. 40th, New York, N. Y.
- The Blue Print, Edmond N. MacCollin, 271 North Ave., New Rochelle, N. Y.
- Empire State Architect, 505 Franklin St., Buffalo, New York, James William Kideney, Editorial board.
- New York Building Congress News, 101 Park Avenue, New York, N. Y.
- Building Toledo, Toledo Building Congress, Hotel Secor, Toledo, Ohio.
- The Building Witness, Building Industries Exhibit Building, Cincinnati, Ohio.
- Construction & Maintenance, Suite 2, 8811 Detroit Avenue, Cleveland, Ohio.
- The Pennsylvania Architect & Engineer, Joseph Jackson, Editor, 1530 Chestnut St., Philadelphia, Pennsylvania.
- The Charette, 801 Keystone Building, Pittsburgh, Penna.
- Monthly Bulletin, South Carolina Chapter, A.I.A., James C. Hemphill, Sec.-Treas., 207 Carolina Life Building, Columbia, S. C.
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At the annual gathering of the bank's officers and employees on December 20, 1941, Walter S. McLucas, Chairman of the Board of the National Bank of Detroit, made the following statement relative to Civilian Defense and Civilian Morale.

"THREE times now, in my adult life, I have seen America at war. After the World War, I had hoped, as we all did, that it was the end of wars. It was not, and, from those previous experiences, I should like to give you some thoughts which have remained in my mind. We are going to make mistakes. They will appear to be mistakes of judgment, of policy, of tactics, and of strategy. At the outset, there will be times when we may look singularly ineffective. But we must realize that the path of peace, of civilization, and of democracy, compared to the militaristic nations, long prepared for conflict, is bound to appear at a disadvantage. That is, until its righteous might is asserted. Then, nothing can stop it.

"Our way of life represents civilization moving forward, away from the survival of the fittest and the 'might is right' idea. The other is merely the savagery of the early days of the world, regimented and equipped and governed by tyranny and fear. The militaristic nation makes fewer mistakes at the outset, but it makes the greatest of all mistakes—that is, the basic mistake of character. Where there is a mistake of character, it cannot be undone; it will collapse either of its own weight or by an uprising of those who have character. The one prepares men's bodies—democracy preserves men's minds and their souls and their freedom. You can correct the mistakes of democracy—but you must eliminate the mistakes of tyrannic autocracy.

"I have brought up this point of the mistakes a democratic nation is bound to make in any military campaign, when compared to dictatorship, because it has always been an essential part of the war-time effort of bankers to maintain the confidence of others. We will all hear of mistakes. Do not let us enlarge upon them. If you hear of them, and there is something you can do about it; well, do it. But do not make conversation out of errors, which, while terrible in their effects, are only part of a great picture. That is also true of rumors. Do not repeat them. In all of our contacts with the public, we have to show an

example. Naturally, we cannot inspire confidence unless we feel confident.

"I am confident of the outcome. But the speed with which we attain a lasting peace, through victory, will largely depend upon the sum total of our individual efforts in the hard days that are ahead. I repeat—we cannot inspire confidence unless we have confidence; we cannot ask for sacrifice unless we make sacrifices; we cannot urge others to play their part unless we play our part. We cannot criticize others unless we, ourselves, are free from criticism. Let us remember that.

"And let us remember there is nothing that can breed hysteria, distress, and doubt, like rumors and the enlarging upon our errors of commission and omission, which bear only a small relationship to the principal job at hand. I have enlarged upon this because fifth column activity has been so vitally important in other nations that we simply must not fall victims to its insidious effects here.

"Some of our boys have already joined the armed forces. Others will be called upon in the near future. It will be up to the rest of us to fill their shoes while they are gone. We want these boys back when the job is done and we shall be praying for their safe return. A group of our girls began Red Cross training within twenty-four hours of Japan's treacherous action. They are working in the evening when the day's work is done. We shall place every facility the institution controls behind them and their work. Many of our people are already engaged in the civilian defense activities and some are with the government. We must give freely of our time, our ability, our experience, and our influence in all such enterprises.

"If we have any ability, if we have any influence, this is the time we shall find it out, because the measure of any man, any institution, or any organization is its conduct and its contribution in a time of national emergency."

The officers and employees of the National Bank of Detroit ask that you join in the observance of these phases of Civilian Defense. They also recommend that you join the great army engaged in financing the war through regular savings for the payment of taxes and the purchase of Defense Bonds.

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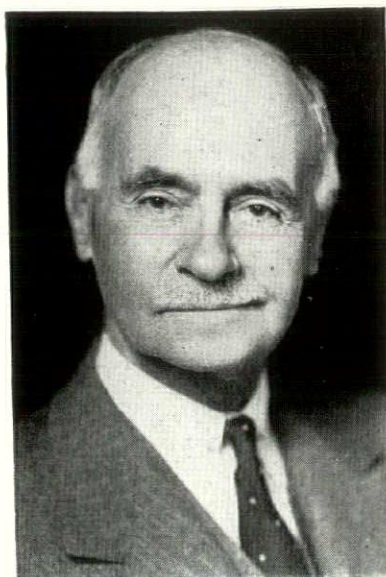
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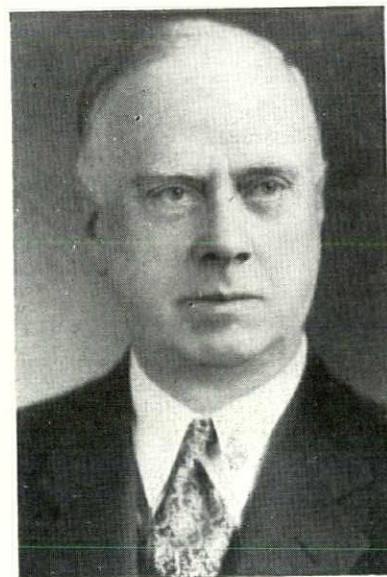
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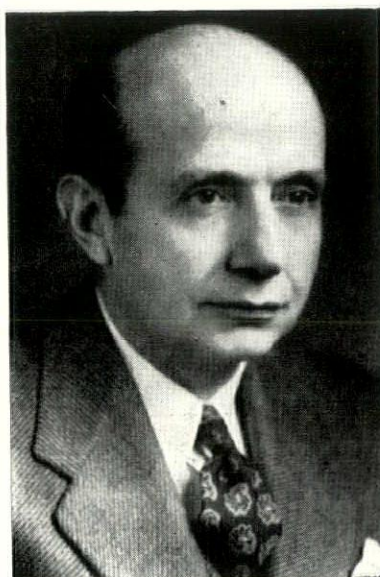
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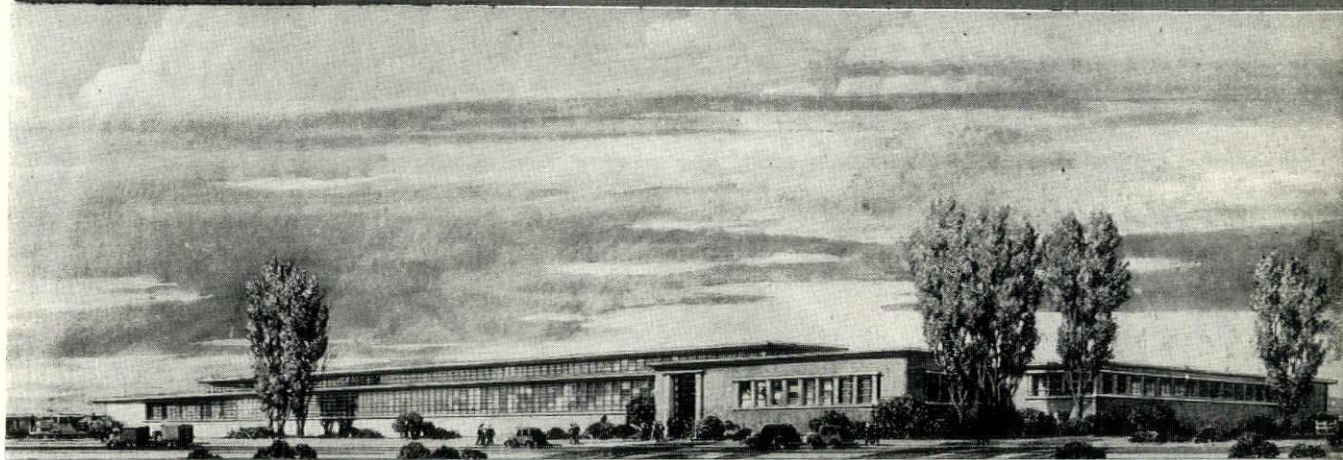
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A glimpse of the magnitude of small arms production may be gained from the statement of C. K. Davis, president of the Remington Arms Company, Inc., [REDACTED] built by Smith, Hinchman & Grylls, Inc., that in a single year his company will produce more small arms ammunition than was produced by all manufacturers in the United States during four years of the last war.

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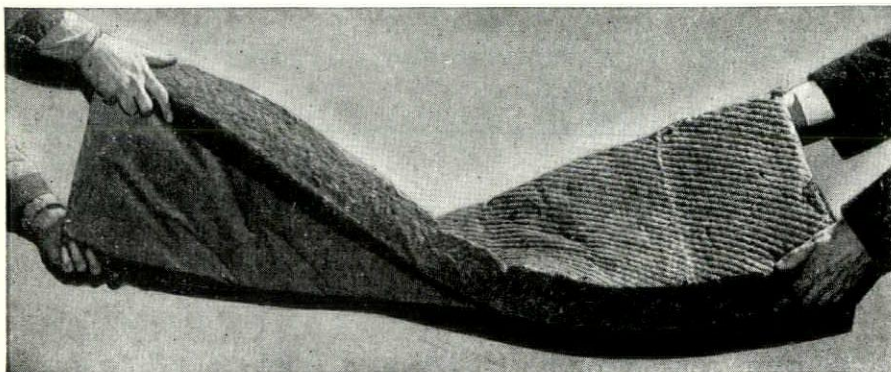
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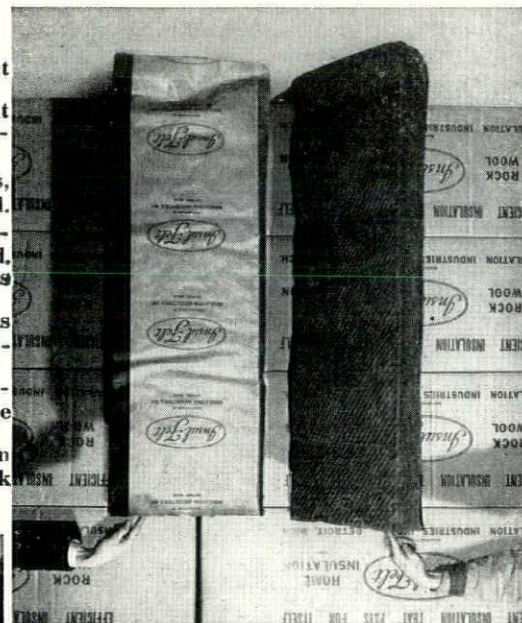
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From cornfields, sheep ranches, meadows and woodlands adjacent to five inland cities, have arisen, almost over night, 800 separate buildings, costing a total of \$300,000,000 completely equipped.

These new plants should have a profound influence on architecture and engineering in America. As the mounting cost of land on Manhattan Island raised our skyscrapers, and as the pride of ancient monarch gave rise to great palaces and monuments, so the demands of modern war are constructing, by a new technique, expansive, low structures of brick, steel and concrete.

The pressure, strain and duress under which these plants were built by day and by night, in rain and in mud, in snow and summer's heat, gave evidence that building, long considered a time-consuming operation, both in the drafting room and on the site, now has been stepped up to the tempo of Detroit's auto industry and is on a production basis. That very speed of planning and building has forced simple, direct, functional solutions to many complicated problems.

Priorities, critical materials, passive defense, and air raid precautions have, in turn, caused spontaneous architectural, structural and mechanical innovations and inventions which give these plants a new character and fresh appearance.

The five cartridge plants are located [REDACTED]

The rural [REDACTED]

gave rise to problems far more complex than those of building in an existing community. Railroads, water supply, roads, sewage disposal and power were developed to make the plants complete, independent units. A hospital and fire engine house on each site will give aid and protection in event of an accident.

The condition of the small arms ammunition industry eighteen months ago was somewhat similar to that of the distillery business at the repeal of prohibition. At that time Smith, Hinchman & Grylls was commissioned to build distilleries for Hiram Walker & Sons at Peoria, Ill., and Dumbarton, Scotland, and to add to the plant at Walkerville, Ont.; also to re-build and modernize all of the distilleries for Joseph E. Seagram & Sons. Manufacturing and process methods of these operations had to be re-studied in the light of up to date scientific production methods in both cases.

When word came to go ahead on the Lake City Ordnance Plant the latter part of 1940, a group of key engineers from Smith, Hinchman & Grylls was sent to the Remington Arms Co. home office and the Frankfort Arsenal to analyze small arms manufacturing and process methods.

Preliminary schemes for machine layouts were prepared in collaboration with the operating company and the Ordnance Department. From these studies building sketches were developed and production of working drawings started even before final approval. Contracts for the architect-engineer and the constructors, Walbridge-Aldinger and Foley Bros., were awarded simultaneously. As soon as building layouts were fixed, contracts for steel, sash and other materials were awarded and foundation plans issued to the job. In this way construction in the field went ahead coincidentally with plan production on the drafting board.

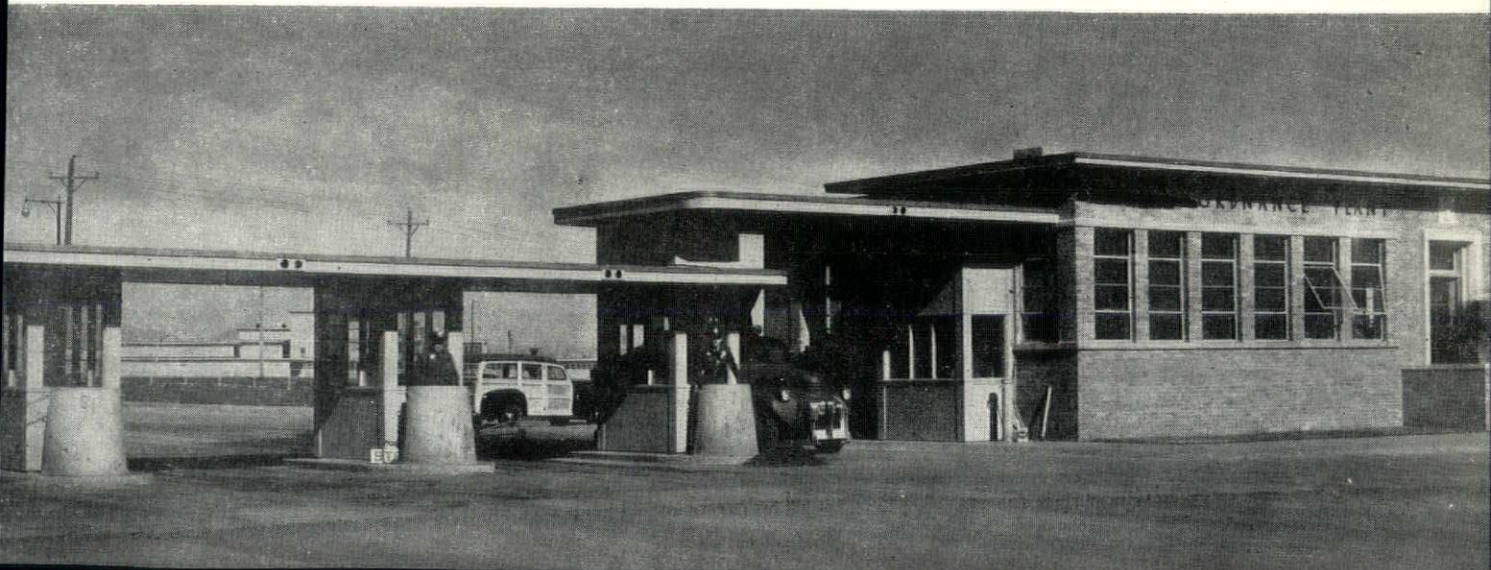
From the beginning the project was planned to permit uninterrupted operation. The spirit of co-operation with Smith, Hinchman & Grylls, shown by the Ordnance Department, the Army Engineers and the general contractor, and the insistence on keeping to a schedule permitted completion of the plant four months ahead of time. Official recognition of this fact was given by Col. F. C. Shaffer, in charge of plant building for the Ordnance Department, at the dedication of the Lake City plant.

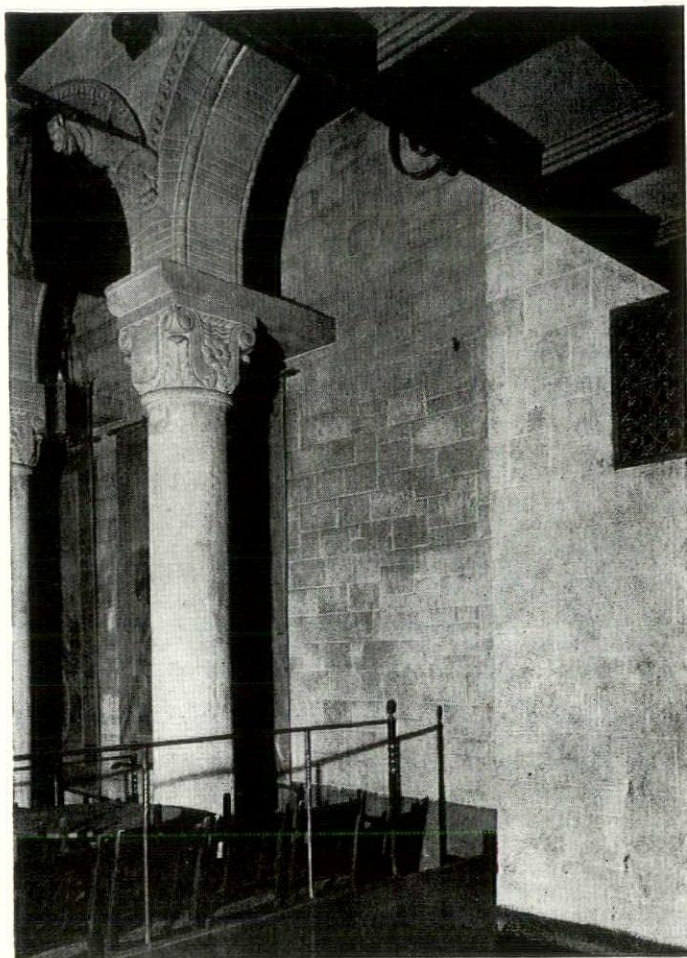
At Lake City there are 125 buildings representing 70 different types, ranging from small houses for storing powder to three manufacturing buildings each over 1,000 feet in length. This plant progressed so satisfactorily that shortly thereafter Smith, Hinchman & Grylls was commissioned to build a second ordnance plant. Subsequently, in July, 1941, the firm was retained to plan the [REDACTED] Ordnance Plant and the [REDACTED] Ordnance Plant, the [REDACTED] Ordnance Plant. Since the outbreak of war, the Government, through the War Department, has contracted with the firm to plan additions to all five plants, representing expansions from 30 to 100 per cent.

Continued on Page 37

SMITH, HINCHMAN & GRYLLS, INC.
Architects & Engineers

BEYOND THE FIVE LANE ENTRY





Players Theatre, Detroit, Michigan
SMITH, HINCHMAN AND GRYLLS, INC., Architects



The Player's Theatre, designed by the architectural firm of Smith, Hinchman, and Grylls, was built 16 years ago, and since that time has truly represented the splendid use of millions of cinder block in theatres, churches, schools, bowling alleys, industrial construction and many other types of buildings where insulation, acoustics, appearance, and cost are essential.

Today, after 19 years of producing quality cinder units, we are even better equipped; and more capable of furnishing and servicing this type of work, and welcome the opportunity of continued cooperation with the architects.

CINDER BLOCK, INC.

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DETROIT, MICH.

Plan production and construction tempo had been stepped up to such an extent by July, 1941, when the 3rd ordnance plant contract was awarded, that only six months elapsed between the time the drawings were begun and the time the first cartridge came off the conveyor belt.

The War Department wisely directed that the five plants be located in as many different states for strategic reasons, as well as to assure an ample supply of operating labor. Recognizing the possibility of air raids, the precaution of decentralization was utilized at each site. The buildings were staggered on the plot plan to minimize the danger of having possible bombings interfere with production.

The geographic decentralization forced upon us by the war will, undoubtedly, have its effect on post war economy. Widely scattered plants will show the way to a better use of our expansive land, to breathe pure air, and to take full advantage of our extraordinary mechanical transportation.

Ordnance Department requirements, such as those for handling explosives, tracer and primer material, safety distances and firing ranges, have given opportunity for somewhat different planning from that expected in the usual manufacturing plant. These regulations have produced arresting results. The plant, for example, is most impressive. It is situated on a gentle slope, backed by a forbidding mountain range. Beyond the five-lane entry, flanked by as many guardhouses, the long, low manufacturing buildings follow the contours, rising one above the other, with secondary manufacturing groups arranged askew. In the distance lie the powder magazines and hazardous area groups, served by a railway net-work, while the firing range has been safely located in a declivity beyond.

In producing these five small arms ammunition plants in such a limited time, Smith, Hinchman & Grylls feel a justifiable pride in their achievement. The firm pays high tribute to the splendid cooperation of Government officials and contractors, the Army Engineers, the Ordnance Department, the Remington Arms Company, Inc., the United States Rubber Company and the Federal Cartridge Corporation.

PARKER RUST PROOF COMPANY—EXPANSION

By Fred G. Strauss

What shall we substitute for tin? With the fall of Malaya and the Javanese islands our chief sources of high grade tin ore passed into the hands of the enemy and their loss found the United States in great need for this vital metal.

The expansion program now under way at the Morenci, Michigan, plant of the Parker Rust Proof Co. may hold a partial answer to the question of how to meet the loss of our tin supply.

Government officials believe that many articles heretofore coated with tin may employ effectively the process known as bonderizing. The importance of increased facilities to the war effort can be readily realized when the exposure of military equipment to rust and corrosion is considered. Wide possibilities for new processes in the food container field are apparent at a time when tinned containers are being removed from the market because of war needs.

The bonderizing process was built around the automotive industry which treats metal parts to prevent rust and to improve adhesion of paint. Defense demands have increased, rather than decreased, the demand for the metal parts so treated.

The new Morenci building will be used for office, laboratory and warehouse purposes, thereby freeing an equal amount of space for manufacturing purposes.

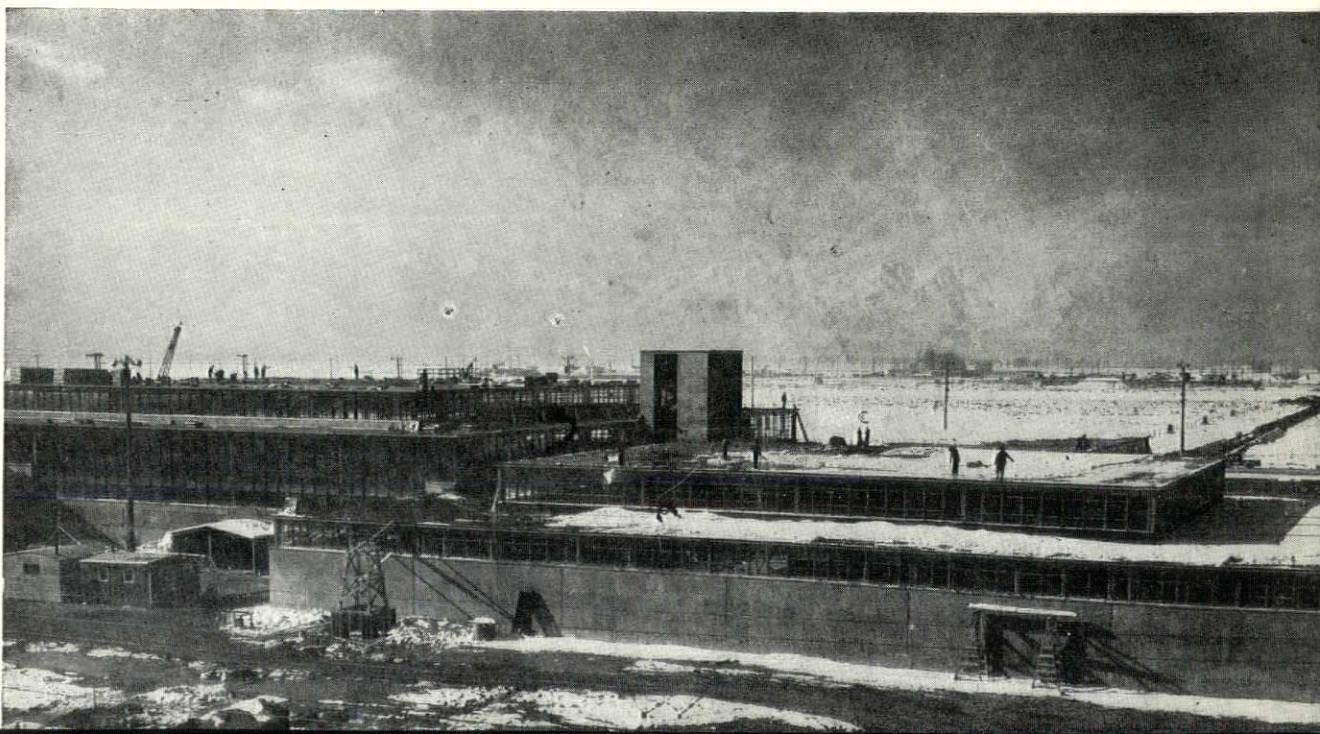
IF PLACED END TO END . . .

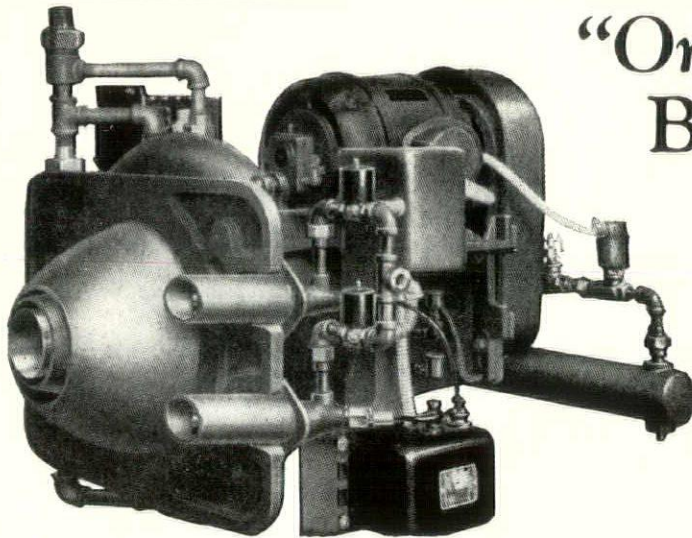
Approximately 3,326,400 square feet of blueprint paper was required by Smith, Hinchman & Grylls in making the layouts for five munitions plants constructed in the past 18 months.

At the standard width of three feet, the blueprints would reach from Detroit to Chicago.

SMITH, HINCHMAN & GRYLLS, INC.
Architects & Engineers

MANUFACTURING BUILDING, A WESTERN ORDNANCE PLANT





"One Responsibility" Burners and Oil

6

**MICHIGAN BELL
TELEPHONE BUILDINGS
GELATIN PRODUCTS CO.**

Detroit, Mich.

SOSS MFG. COMPANY
Detroit, Mich.

SMITH, HINCHMAN & GRYLLS, INC.
Architects & Engineers

Details of Enterprise Rotary Industrial Oil Burner with dual gas-electric ignition system, fully automatic. All burners are furnished in sizes up to 650 boiler horsepower in single units. Enterprise burners can also be arranged for combination gas-oil firing.

Note the V-belt drive feature which permits the use of standard motors. V-belts are silent, efficient and capable of long and dependable operating life.

ENTERPRISE HEAT AND POWER COMPANY

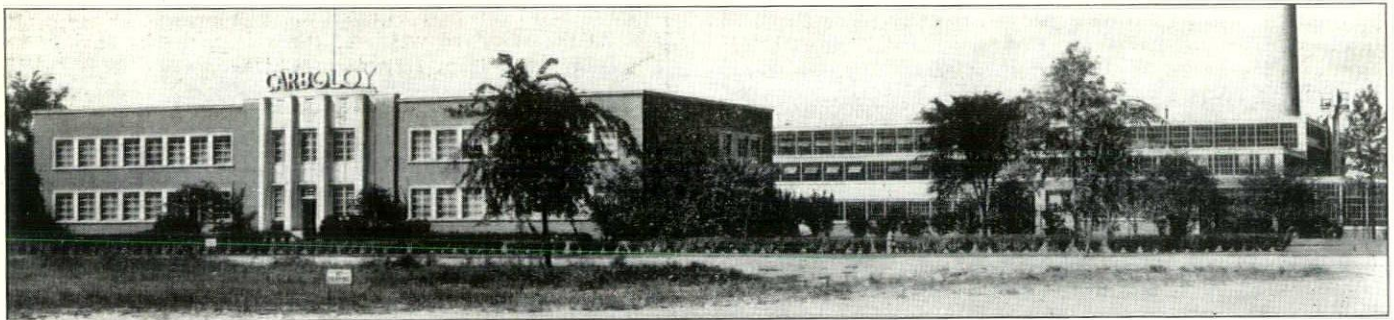
Established 1928

Distributors of Enterprise Rotary Oil Burning Equipment, approved by Underwriters Laboratories to burn heavy No. 6 (Bunker C) fuel oils, fully automatic.

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Detroit, Michigan



Modern industrial plant by Architects Smith, Hinchman & Grylls—equipped with Fenestra Industrial Windows

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2. Conserve Critical Materials—Steel sash provides free light and air—without help . . . It saves critical steel, copper, brass, tin, rubber and power used in motors, ducts, controls, fans used for artificial ventilation.

3. Save Money—Fenestra steel window walls often cost only 50% of the cost of other kinds of walls . . . Elimination of complicated ventilating machinery cuts operating and maintenance expense.

4. Plant Efficiency—Steel sash ventilators can be operated in long runs, unlike ordinary windows . . . Fenestra Steel Window Systems can be accurately designed to provide whatever light and air is required for efficient operation in any part of a plant.

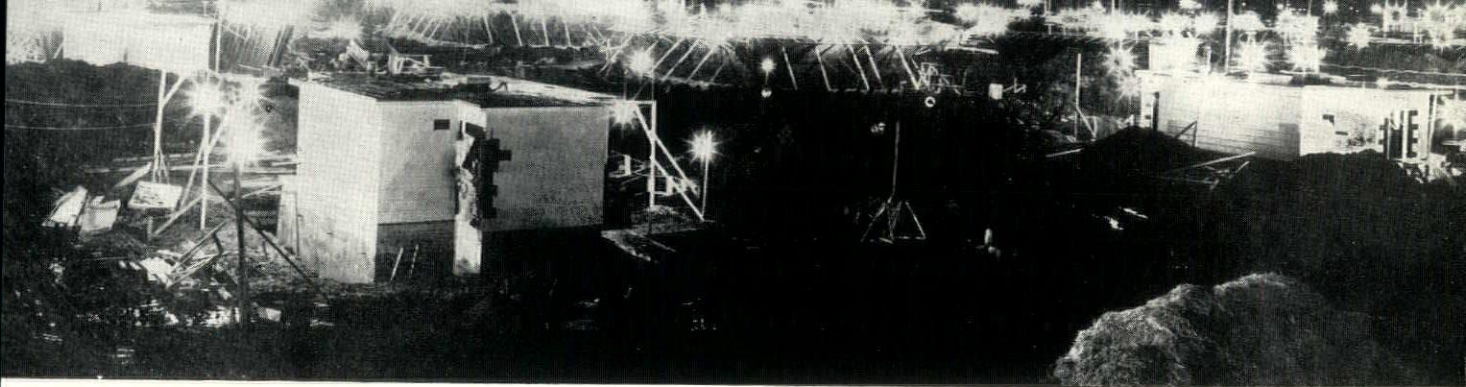
5. Bomb Protection—Steel sash, with explosion-type vents, yields to the blast, helps localize damage, saves a building from complete destruction from blowing out solid walls . . . When blackout is needed, it can readily be applied.

For complete information regarding use of Fenestra Steel Windows, Doors, Holorib Roof Deck in war plants, write to DETROIT STEEL PRODUCTS COMPANY, 2250 East Grand Boulevard, Detroit, Michigan.

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AND DOORS

Fenestra

HOLORIB
STEEL DECKS



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UNDER CONSTRUCTION

IN RAIN AND IN MUD



AND IN SNOW

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Architects & Engineers

Electrical Contractors

REMINGTON ARMS COMPANY
ORDNANCE PLANT

Smith, Hinchman & Grylls, Inc.
Architects & Engineers

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Detroit, Michigan

SMITH, HINCHMAN & GRYLLS, INC.
Architects & Engineers

45 FOOT CANDLES ON THE WORKING PLANE



SMITH, HINCHMAN & GRYLLS, INC.
Architects & Engineers

SHOULD FACTORIES HAVE WINDOWS?

By Alden D. Walker

Factories engaged in hot, dusty production operations function better with ample openings for natural ventilation while the manufacture of precision parts, where extremely close tolerances are the rule, makes the absence of windows and the introduction of air conditioning a profitable consideration. Ranging between these two extremes, however, is a vast majority of industry which can neither afford to throw heating dollars away in the winter months through acres of high conducting panes of glass nor justify the added expense of air conditioning in summer through manufacturing economies. A reasonable factory design which meets the needs of this large segment of industry becomes of vital importance to a progressive enterprise.

The Bundy Tubing Company feel that their new plant on the northern outskirts of Detroit may well be the answer to many a manufacturer's problem. With the assistance of Smith, Hinchman & Grylls, Inc., Detroit Industrial Engineers and Architects, they cold-bloodedly analyzed every conceivable factor of contemporary factory design and its relation to their business. The brutal question, "Why?", was put to every preconceived idea and former standard.

The so-called "greenhouse" style with an over-abundance of glass side walls and monitors was given the third degree and marked "rejected." Weather Bureau records for 43 years were scrutinized and showed that Detroit's average December was without sunshine 89% of the time while the average year requires artificial illumination 73.3% of the time and 1940 disclosed but 63 clear days. Surely an undependable quantity when adequate lighting of hundreds of intricate machines and inspection benches 24 hours a day is the problem to be solved.

How about heat loss through glass? Window washing expense? Glass breakage? Detrimental effects of sun glare? Each was taken up in order. Detroit has an 8 month heating season and fuel for industrial heat runs into significant figures. Sun glare on machines and benches means eye strain and eye strain leads to fatigue and poor work. Glass breakage in the old plant was expensive as

was the periodic window washing job. Experience had shown and was borne out in discussions with other factory managers, that even with the sun in evidence the lights turned on in the morning seldom are turned out until the noon lunch period. Labor invariably demanded that the glass be painted thus defeating its primary purpose and producing an unsightly appearance from the outside.

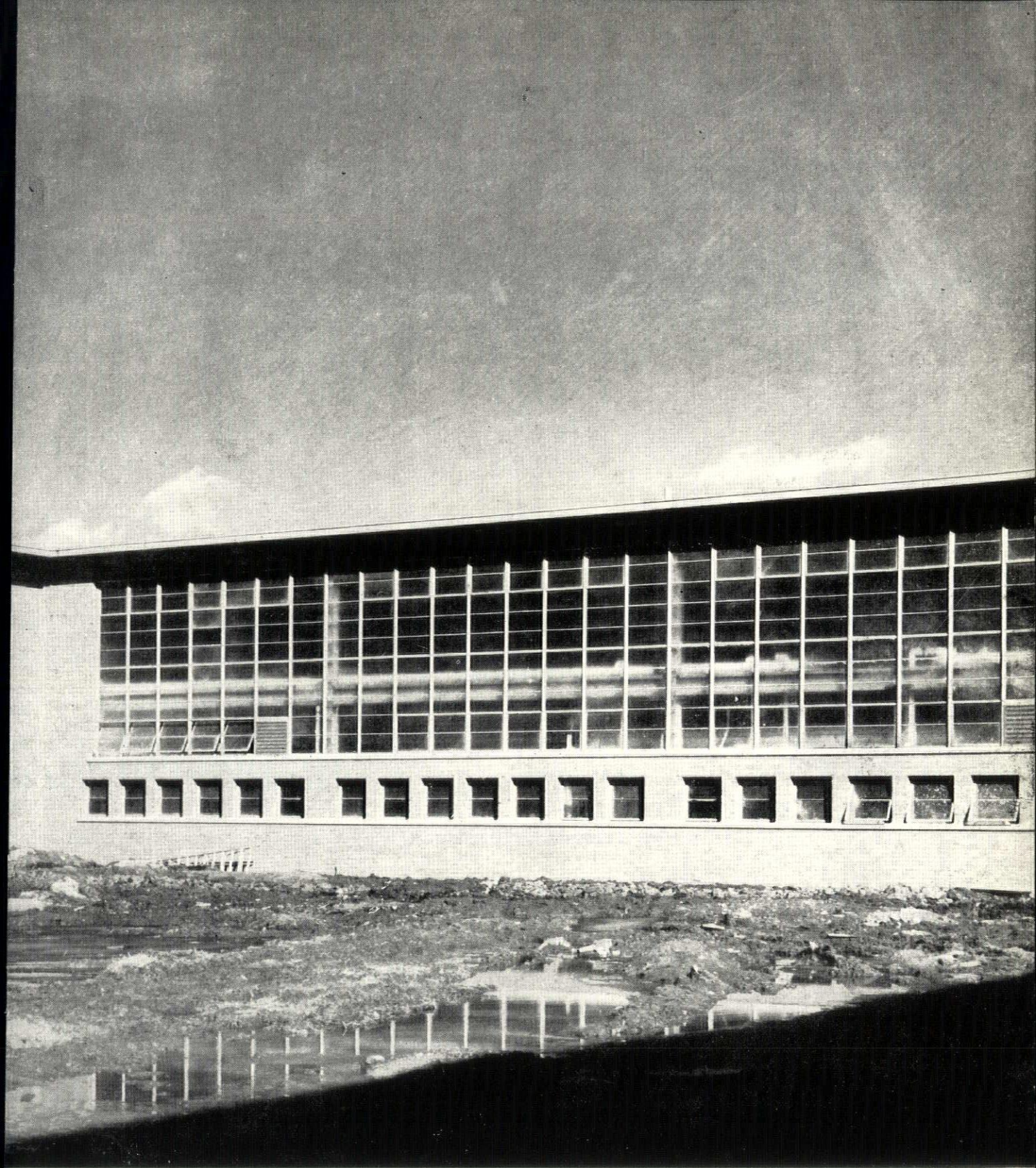
The initial cost of installing air cooling equipment plus its annual maintenance and operating expense could not be saved by appreciable improvement in the finished product, so was ruled out. The result of these studies lead to the design of a plant along unprecedented lines, without monitors and with but one row of 7 foot sash running around the plant starting 7'-8" above the floor. Above the sash and extending to the roof, $\frac{1}{4}$ " corrugated asbestos siding was used backed with 1" of asbestos surface fibre insulation while the metal roof deck is insulated with 1" fibre insulation board. The base course, up to the precast concrete sills, is of low cost hollow glazed tile which adds to the insulating qualities of the building and eliminates the need of periodic painting on the inside wall.

Lighting in the new plant provides a constant 45 foot-candles on the working plane throughout, with the lights burning 24 hours per day and no dependence placed on the relatively minor amount of glass. To date the electrical consumption with fluorescent tubes has run about 5% higher in the new plant as compared with the old plant with its incandescent lamps and about 6 or 8 footcandles on the working plane.

Continued on Page 45



EACH PLANT HAS FROM 3 T
OVER 100



MANUFACTURING BUILDINGS FEET LONG

SMITH, HINCHMAN & GRYLLS, INC.
ARCHITECTS & ENGINEERS

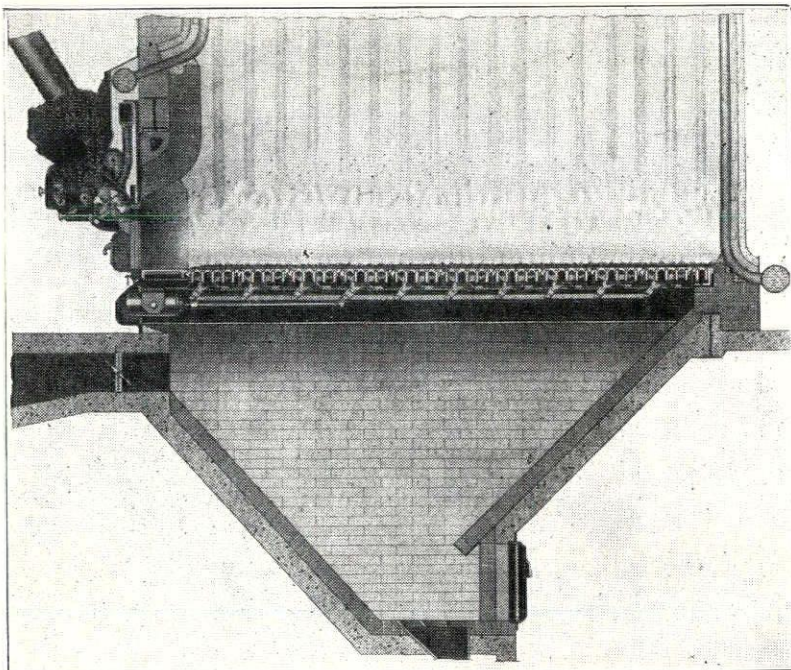
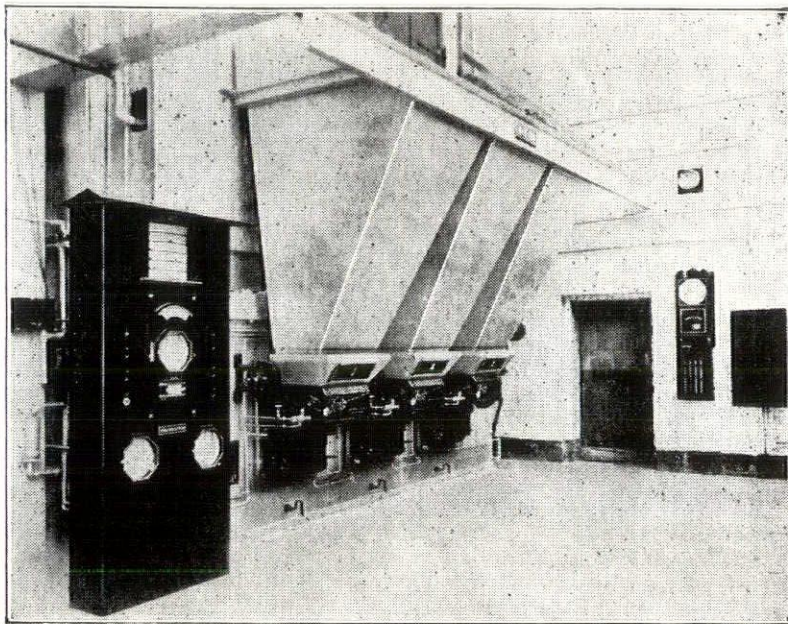
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HOFFMAN COMBUSTION ENGINEERING COMPANY

DETROIT, MICHIGAN

SHOULD FACTORIES HAVE WINDOWS? (Continued)

Heating of the well insulated plant with its warm air duct system has shown decided economies over the conventional "greenhouse" type of plant although exact figures cannot be cited until the present heating season is completed.

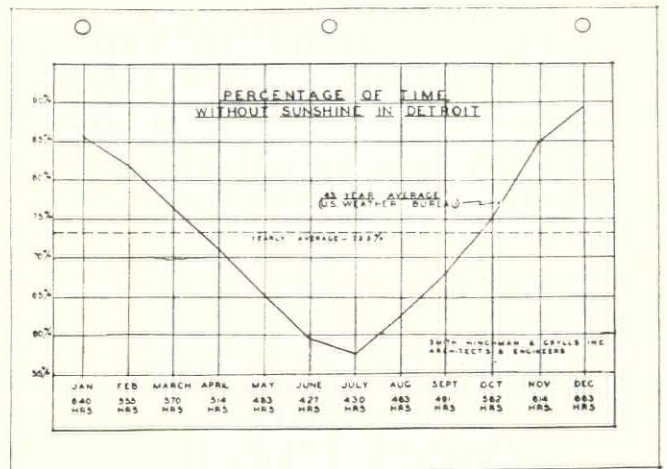
Ventilation of the plant in the summertime utilizes the heating duct system to keep the lower strata of air clean and in motion while roof ventilators draw off the warmer upper strata.

Ample toilet facilities and individual lockers for both men and women are provided above the production floors at the truss level running the full width of the plant with stairways at either end. The stairways at the east side are convenient to the time clocks and employee's entrance leading to the parking lot.

The Bundy management wisely chose a large, level site with water and railroad facilities at hand which involved but minor site development expense. The plot provides for ample future expansion with room left along the street for an administration building when the old plant is abandoned. Being outside the incorporated limits meant a considerable savings in land cost and many advantages in real and personal property taxes.

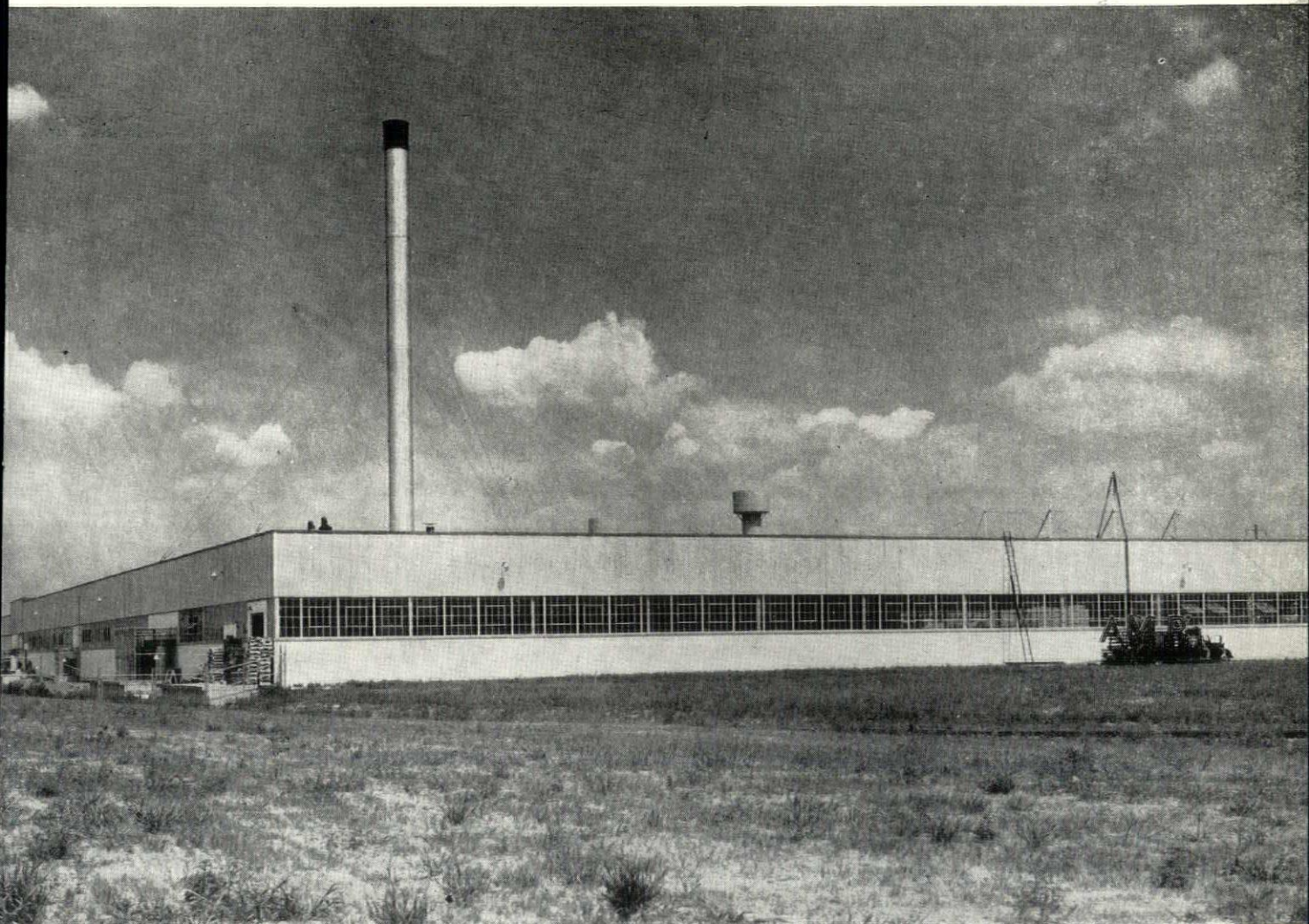
The practical objections of both management and labor to the profuse application of glass in factories dispels the

theory of "sunshine for the working man" while on the other hand the air conditioning factories for comfort alone will remain a luxury item in a highly competitive industrial world.



SMITH, HINCHMAN & GRYLLS, INC.
Architects & Engineers

A MINIMUM OF GLASS AT BUNDY



The War and "Number, Please! . . ."

By J. W. Leinweber



The greatest demand for telephone service in Michigan history came with the development of the state into an arsenal for Democracy.

During 1941, approximately \$300,000,000 was expended by Michigan industry for new plants, and equipment for the production of war material.

Such is the dependence of modern industry on communication lines that the Michigan Bell Telephone Co. found it imperative to spend \$28,000,000 for new and enlarged buildings, cables and central office equipment.

The number of telephones in some sections of Detroit increased three times over normal. Flint, with her plants working around the clock, became the fastest growing telephone city in the nation. Lansing, governmental as well as defense production center, set a new pace in telephone usage. Telephone demands also were heavy because of expanded military and industrial activities in Battle Creek, Mt. Clemens, Dearborn, Hillsdale, East Lansing, and other centers.

So far as priorities permitted, manufacture and installation of telephone equipment was expedited and buildings, designed as permanent structures, each to harmonize with others in its own community, were rushed through to be ready when equipment arrived. The telephone company found Smith, Hinchman & Grylls, Inc., long familiar with its special problems, prepared and waiting for the "go ahead" signal when the emergency arose.

THE CHRISTMAN CO.

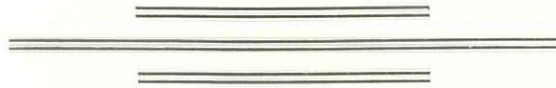
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POWER & WATER SUPPLY FOR A WESTERN ORDNANCE PLANT

CARBOLOY COMPANY, INC.—EXPANDS

Upon the machine tool industry fell the first and most urgent demands of defense industries. *Carboloy*, a cutting material ranking net to the diamond in hardness, invaluable product of research in the powdered alloy industry, found greatly expanded uses as war orders began to pile up in already swamped tool plants.

Due to the increased demand, the makers of *Carboloy* wisely anticipated the need of additional manufacturing facilities and plans were rushed to completion by Smith, Hinchman & Grylls, Inc. Construction was expedited so

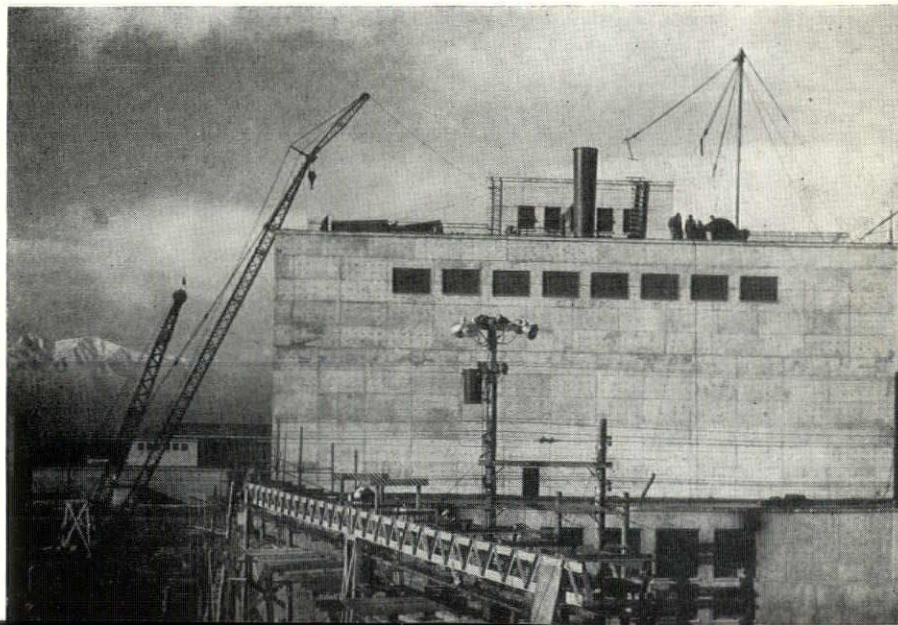
that by mid-1941, production was underway in the new plant.

With every available machine crowded to maximum production, *Carboloy*, because of its increased speed of cutting, has made possible the use of old machines for work which otherwise would have awaited the purchase of new equipment and the training of additional operators.

The Smith, Hinchman & Grylls staff is happy to be associated with an enterprise which again refutes the cry that there are no more frontiers for industrial development.

SMITH, HINCHMAN & GRYLLS, INC.
Architects & Engineers

CONCRETE WALLS AT SOME PLANTS TO MEET LOCAL CONDITIONS



TWIN CITY ORDNANCE PLANT * DES MOINES ORDNANCE PLANT * LAKE CITY ORDNANCE PLANT

MISSISSIPPI ORDNANCE PLANT * ST. LOUIS ORDNANCE PLANT

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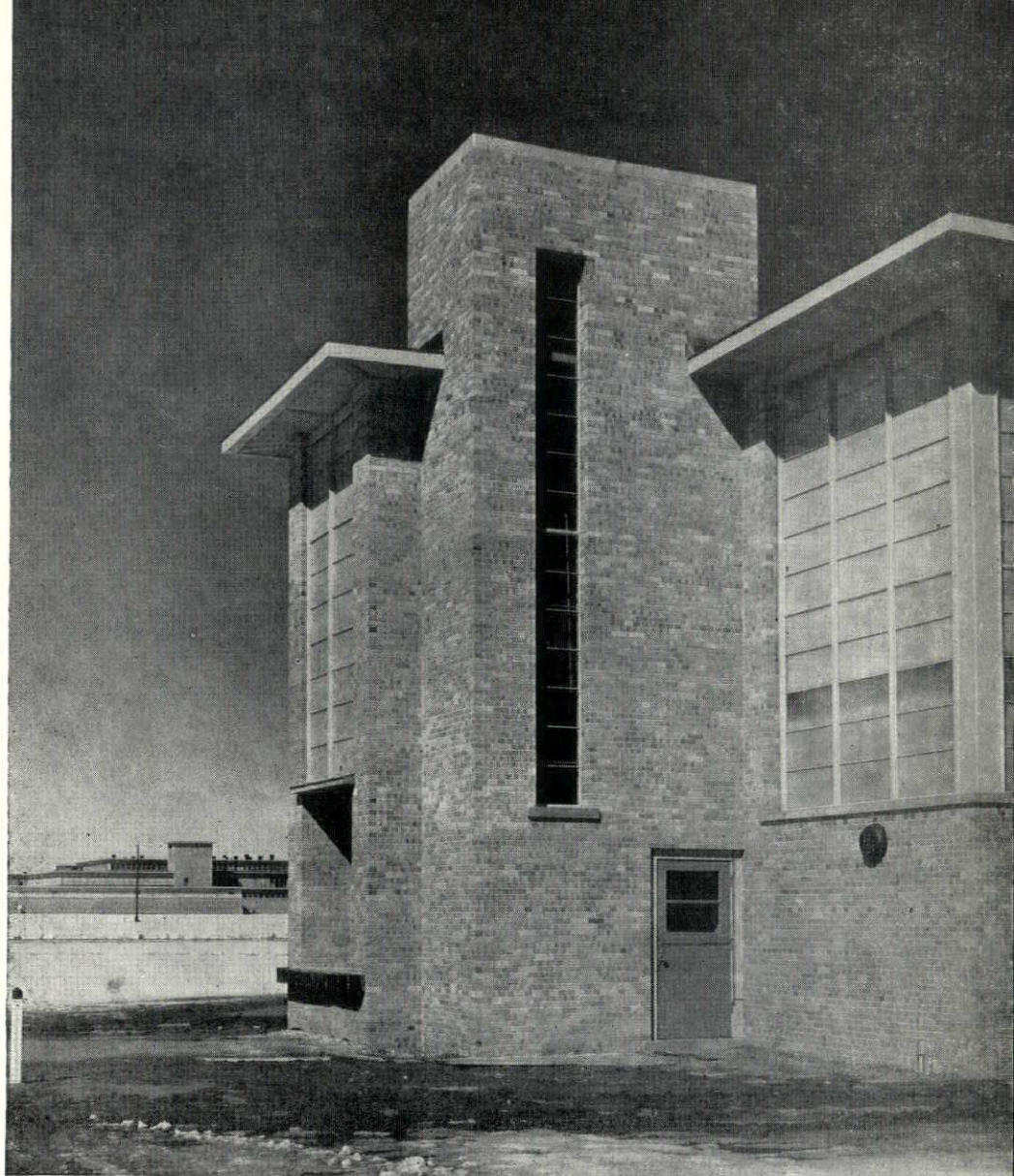


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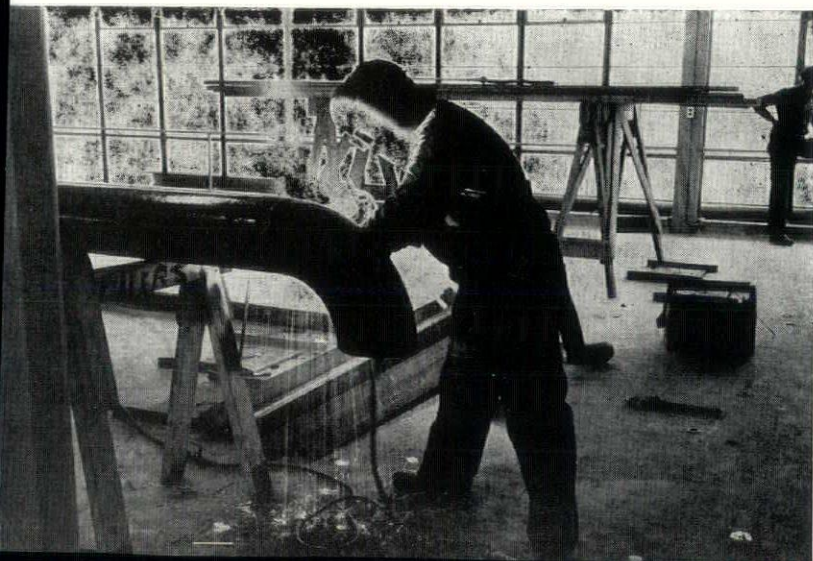
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Architects & Engineers

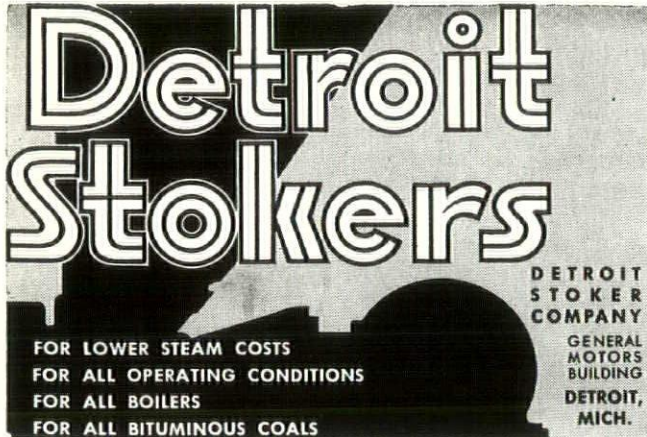
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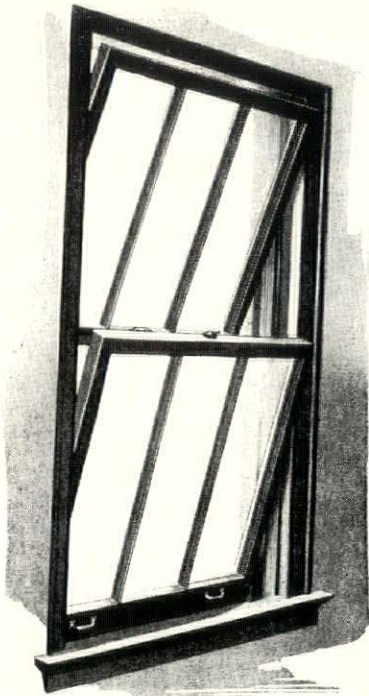
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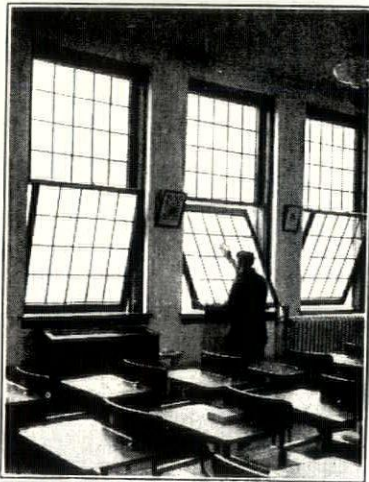
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DETROIT, MICHIGAN

ARCHITECTS REGISTERED IN MICHIGAN

Corrected to March 25, 1942

This list contains 724 names

545, or 75%, are active, dues paying members of the Michigan Society of Architects, for the year 1941, 42. Membership this date 1939, 505; 1940, 420; 1941, 419.

The following list of architects registered in Michigan is published through the courtesy of the Michigan State Board of Registration for Architects, Professional Engineers and Land Surveyors. The Board consists of the following: Laurence G. Lenhardt, of Detroit, chairman; Louis C. Kingscott, of Kalamazoo, vice-chairman; Dean Wells I. Bennett, University of Michigan; Henry T. McGaughan, Pontiac; Andrew R. Morison, Detroit; Clyde R. Paton, Detroit; Professor Wilfred C. Polkinghorne, Houghton; Charles T. Olmsted (not a member of the board) is secretary; Watts A. Shelly (not a member of the board) is executive secretary. Bennett, Kingscott and Morison are architects, the others are engineers—Address of the Board is 307 Transportation Building, Detroit; Telephone RAndolph 8173.

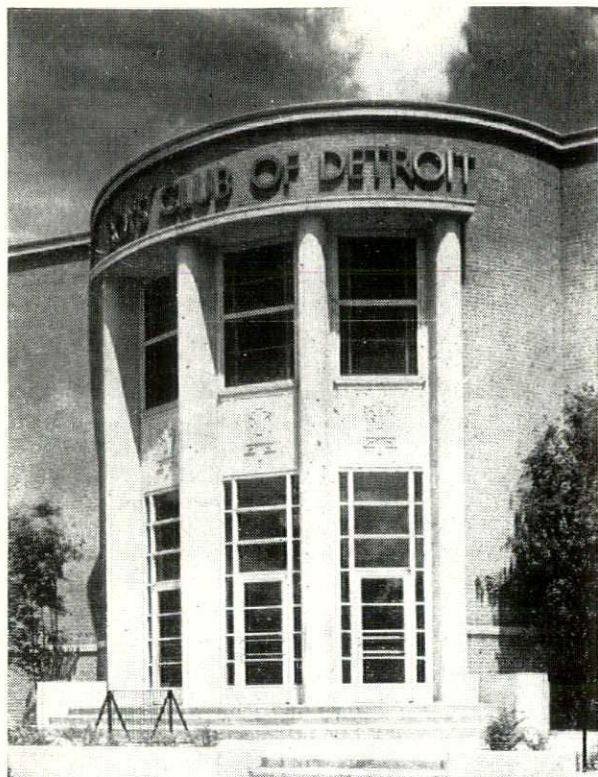
Except in cases of larger cities, the addresses are those in Michigan, unless otherwise shown.

*Indicates that present address is unknown, last known address is given.

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Active Members of the Michigan Society of Architects are indicated in Bold Type.

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| Abel, Lester A.....6834 Paxton Ave., Chicago, Illinois | AYRES, LOUIS Architects Bldg., 101 Park Ave., New York, N. Y. |
| ABRAHAM, SAMUEL F. 501 Murphy Building, Highland Park, Mich. | BACHMAN, GEORGE 521 Dryden Bldg., Flint, Mich. |
| ABRAMS, HENRY J. 19315 Appoline Ave., Detroit | BAILEY, ROGER 4017 Washtenaw Rd., Ann Arbor, Mich. |
| Ackley, Charles M.....508 Third Avenue, Pittsburgh, Pa. | Baines, Harry S.....Route No. 1, Birmingham, Michigan |
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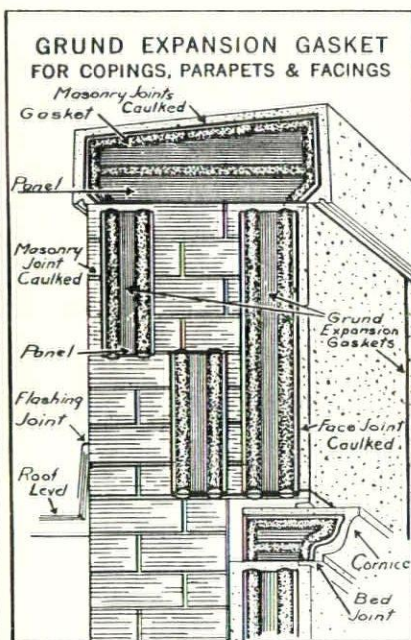
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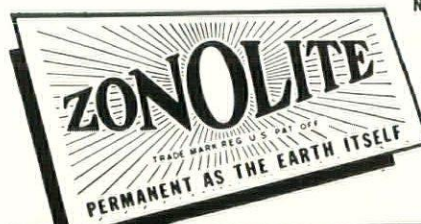
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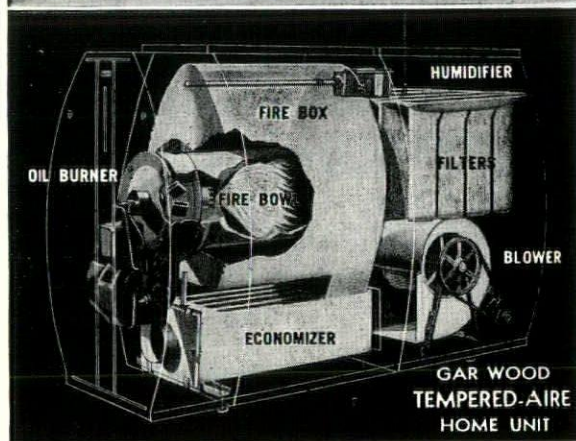
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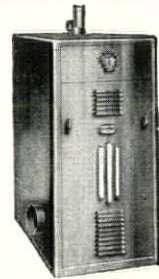
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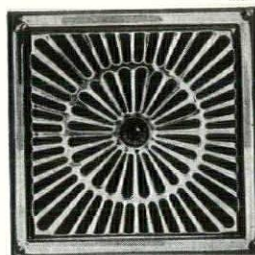
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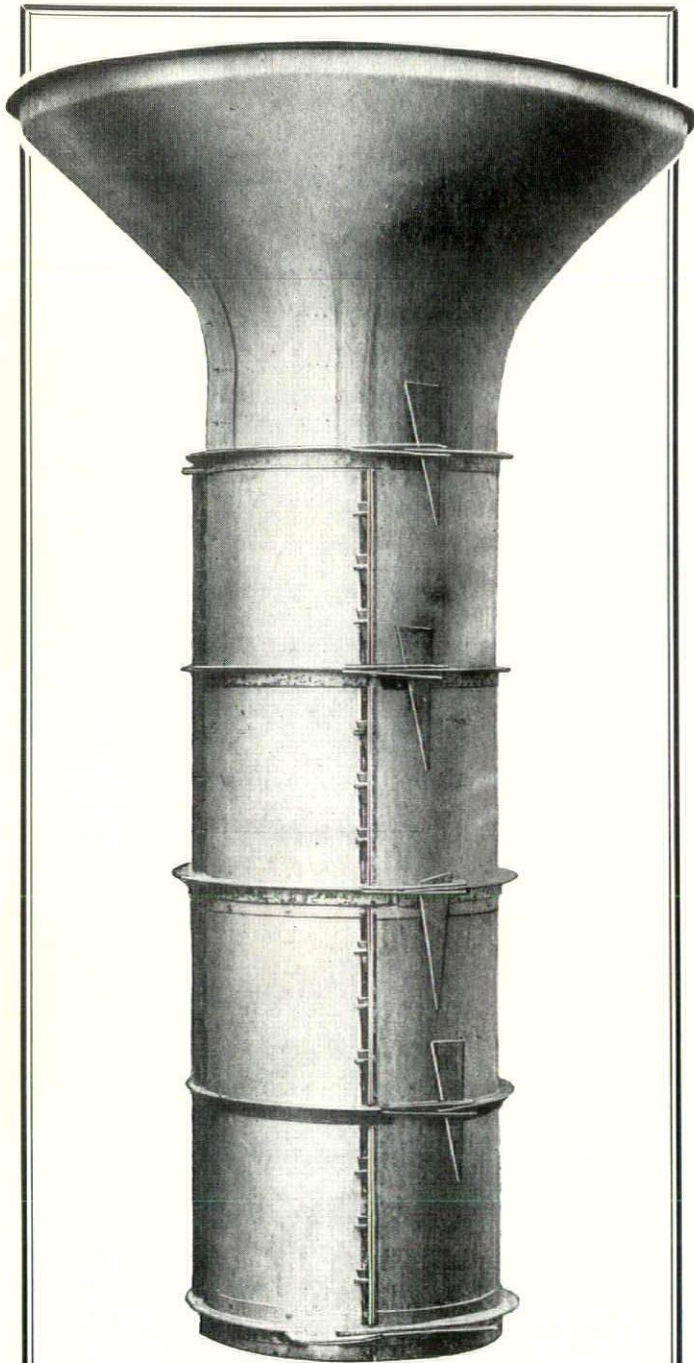
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- Shattuck, Walter F.....221 N. LaSalle, Chicago, Illinois
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Hamtramck, Michigan
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REVISED SCHEDULE OF UNIT COSTS BASED ON CUBICAL CONTENTS OF BUILDINGS

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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 January 1st, 1942, is presented herewith.

The schedule of costs was produced primarily 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 15 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 and contractors profits and include all general items of construction and equipment, including plumbing and heating systems, elevators, etc. The schedule does not include costs of special equipment, such as incinerators, refrigeration compressed air piping, etc., and does not include the cost of financing.

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, the 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 27 years.

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COST PER CITRIC FOOT IN CENTS

| Classification of Buildings | Aug. 1915 | Aug. 1920 | Jan. 1, 1921 | Aug. 1, 1921 | April 1, 1922 | Dec. 1, 1922 | Jan. 1, 1924 | Feb. 1, 1925 | Feb. 1, 1926 | Feb. 1, 1927 | Jan. 1, 1928 | Jan. 1, 1929 | Jan. 1, 1930 | Jan. 1, 1931 | Jan. 1, 1932 | Jan. 1, 1933 | Jan. 1, 1934 | Jan. 1, 1935 | Jan. 1, 1936 | Jan. 1, 1937 | Jan. 1, 1938 | Jan. 1, 1939 | Jan. 1, 1940 | Jan. 1, 1941 | Jan. 1, 1942 | |
|--|-----------|-----------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----|
| STORIES AND WAREHOUSES: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fireproof (Under 300,000 cu. ft.) | 31½ | 29 | 23 | 18 | 17 | 21 | 24 | 23 | 22½ | 23 | 22 | 22 | 22 | 22 | 16½ | 15 | 14 | 16 | 15½ | 19 | 21½ | 25 | 24 | 25 | 28 | 30 |
| Fireproof (Over 300,000 cu. ft.) | 14 | 12½ | 21 | 17 | 16 | 19½ | 23 | 22 | 21½ | 22 | 21 | 21 | 21 | 21 | 16 | 14½ | 14 | 14 | 15 | 17 | 20 | 21 | 20 | 25 | 28 | 30 |
| Mill Construction | 10 | 22½ | 15½ | 12 | 11 | 14 | 16½ | 16 | 16 | 16½ | 13½ | 15½ | 15½ | 11½ | 11½ | 10 | 10 | 11 | 12 | 14 | 16 | 17 | 16½ | 17 | 18 | 19 |
| Ordinary | 9 | 21 | 15 | 12 | 10½ | 13½ | 15 | 14½ | 14 | 14½ | 14 | 13½ | 13½ | 10 | 9½ | 8½ | 9 | 10 | 11½ | 10 | 11 | 13 | 13½ | 16 | 17 | 18 |
| Frame | 17 | 17 | 12 | 10 | 8 | 11½ | 13 | 11 | 10½ | 10 | 10 | 10 | 10 | 7½ | 7 | 7 | 8 | 8½ | 10 | 11 | 11 | 10 | 9 | 9 | 12 | 14 |
| RETAIL: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fireproof | 52 | 39 | 31 | 30 | 36 | 41½ | 40 | 39 | 39½ | 38 | 38 | 38 | 38½ | 30 | 29½ | 26 | 30 | 31 | 35½ | 39 | 42 | 40 | 42 | 46 | 50 | 54 |
| Ordinary | 23 | 37½ | 26½ | 21 | 19 | 24½ | 28 | 26½ | 26 | 26½ | 23½ | 25½ | 25 | 20 | 19 | 16½ | 20 | 21 | 24 | 26½ | 22 | 22 | 26 | 29 | 31 | 33 |
| Plats (Above Ordinary) | 22 | 48½ | 34 | 27 | 23 | 30½ | 31 | 29 | 28 | 28½ | 27½ | 27½ | 27 | 22 | 21 | 18½ | 21 | 22 | 25 | 28 | 25½ | 25 | 24½ | 27½ | 29 | 31 |
| Ordinary without Basements | 16½ | 16 | 16 | 16 | 16 | 18½ | 19 | 18 | 18 | 18 | 17½ | 17½ | 17 | 14½ | 14 | 12 | 14 | 15 | 17 | 19 | 16 | 16 | 17 | 20 | 22 | 24 |
| MARKETS: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ordinary without Basements | 16 | 16 | 16 | 16 | 16 | 18½ | 19 | 18 | 18 | 18 | 17½ | 17½ | 17 | 14½ | 14 | 12 | 14 | 15 | 17 | 19 | 16 | 16 | 17 | 20 | 22 | 24 |
| CHURCHES AND THEATRES: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fireproof | 18 | 40½ | 35 | 28 | 27 | 32½ | 37½ | 36 | 35½ | 35 | 34½ | 34½ | 35 | 27 | 26 | 22½ | 26 | 27 | 31 | 35 | 38 | 38 | 42 | 50 | 54 | 58 |
| Ordinary | 15½ | 35 | 24½ | 19 | 18 | 22 | 28½ | 27½ | 27 | 27½ | 26½ | 26½ | 26 | 20½ | 19½ | 18½ | 21 | 22 | 25 | 28 | 31 | 30 | 30 | 35 | 38 | 42 |
| OFFICE BUILDINGS: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fireproof | 68½ | 54½ | 44 | 35 | 35 | 51 | 54½ | 52 | 51 | 51½ | 49½ | 49½ | 50 | 39 | 37½ | 32½ | 37½ | 39 | 44½ | 50 | 55 | 53½ | 54 | 59 | 64 | 69 |
| Ordinary | 22 | 48½ | 34 | 27 | 25 | 30½ | 35 | 33½ | 32½ | 33½ | 32 | 32 | 32 | 25 | 24 | 21½ | 25 | 26½ | 30 | 33½ | 36 | 33 | 32 | 37½ | 40 | 44 |
| TELS: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fireproof | 33½ | 75½ | 58½ | 45 | 37 | 52 | 59½ | 57 | 56 | 57½ | 55½ | 55½ | 56 | 42½ | 42 | 37½ | 43 | 45 | 52 | 58 | 60 | 57 | 59 | 64 | 69 | 74 |
| Ordinary | 29½ | 66½ | 46½ | 37 | 26 | 43 | 43 | 34 | 32 | 32½ | 31½ | 31½ | 31 | 25½ | 24 | 21½ | 25 | 26½ | 30 | 34 | 34 | 31½ | 32 | 37½ | 40 | 44 |
| SCHOOLS: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fireproof | 22 | 48½ | 40½ | 32 | 30 | 37 | 45½ | 43½ | 42 | 43½ | 40 | 40 | 40 | 32 | 30 | 27 | 31½ | 33 | 38 | 42½ | 45½ | 43 | 45 | 50 | 54 | 58 |
| SPITALS: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fireproof | 32 | 72 | 54 | 32 | 33 | 37 | 45½ | 43½ | 42 | 43½ | 45 | 45 | 45 | 32 | 32 | 27½ | 32 | 33½ | 38½ | 43 | 60 | 60 | 60 | 66 | 71 | 76 |
| STEEL BUILDINGS: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Under 20,000 cu. ft. | 12 | 25 | 21 | 17 | 15 | 19½ | 20 | 14 | 13½ | 13½ | 13 | 13 | 13 | 11 | 11 | 10 | 11½ | 12 | 14 | 16 | 17 | 16½ | 14 | 15 | 16 | 17 |
| 20,000 to 100,000 cu. ft. | 8 | 18 | 15 | 12 | 10 | 14 | 14½ | 12 | 11 | 11 | 10½ | 10½ | 10½ | 10 | 10 | 9 | 10 | 10½ | 12 | 13 | 14 | 13 | 12 | 14 | 15 | 16 |
| Over 100,000 cu. ft. | 6 | 14 | 13 | 10 | 8 | 11½ | 11½ | 10 | 9½ | 9½ | 9 | 9 | 9 | 7 | 7 | 6½ | 7 | 7½ | 8½ | 9½ | 10 | 9 | 11½ | 12 | 13 | 14 |
| ARTMENTS: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fireproof | 35 | 78 | 54 | 43 | 36 | 50 | 55 | 52½ | 51 | 52 | 50 | 50 | 50 | 39 | 37½ | 34 | 39 | 41 | 47 | 52 | 55 | 52 | 55 | 59½ | 64 | 69 |
| Protected | 29½ | 66½ | 46½ | 37 | 30 | 43 | 48 | 46 | 45½ | 46 | 44½ | 44½ | 45 | 34½ | 34 | 30 | 34½ | 36 | 41 | 46 | 48 | 45½ | 45½ | 50½ | 55 | 60 |
| Brick (Ordinary) | 28 | 63 | 43 | 34 | 23½ | 39½ | 34 | 32 | 30 | 30½ | 29½ | 29½ | 29 | 24 | 23 | 22 | 25 | 26½ | 30 | 33½ | 34 | 42 | 36 | 41 | 44 | 48 |
| Brick (Veneer) | 24 | 54 | 37 | 30 | 22 | 34½ | 32 | 30 | 29 | 29 | 28 | 28 | 28 | 22 | 22 | 21 | 24 | 25½ | 28 | 31 | 31 | 28 | 25½ | 31 | 34 | 38 |
| SIDINGS: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brick | 30½ | 68½ | 48 | 38 | 33 | 45 | 48 | 46 | 45 | 45½ | 44 | 44 | 44½ | 34½ | 33½ | 25½ | 29 | 31 | 34 | 38 | 36 | 32 | 32 | 36 | 40 | 44 |
| Brick (Veneer and Stucco) | 24 | 54 | 37 | 30 | 24 | 34½ | 34 | 32½ | 32 | 32 | 30½ | 30½ | 30½ | 24 | 23 | 22½ | 24½ | 25 | 27 | 30 | 30 | 30 | 31½ | 35 | 39 | 43 |
| Brick (Ven'r and Stucco) 1 story | 21½ | 48½ | 34 | 27 | 19 | 30½ | 30 | 26½ | 25 | 25 | 24 | 24 | 24 | 20 | 19 | 19 | 21 | 21½ | 23 | 26 | 24 | 19 | 25 | 28 | 32 | 36 |
| Frame (Not over 25,000 cu. ft.) | 21 | 48 | 34 | 27 | 19 | 30½ | 30 | 26½ | 25 | 25 | 24 | 24 | 24 | 20 | 19 | 19 | 21 | 21½ | 23 | 26 | 24 | 19 | 25 | 28 | 32 | 36 |
| Cinder Concrete Block | 21 | 48 | 34 | 27 | 19 | 30½ | 30 | 26½ | 25 | 25 | 24 | 24 | 24 | 20 | 19 | 19 | 21 | 21½ | 23 | 26 | 24 | 19 | 25 | 28 | 32 | 36 |
| RAGES: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gas & Service Sta. | 30 | 60 | 40 | 30 | 25 | 35 | 40 | 38 | 36 | 36 | 34 | 34 | 34 | 25 | 23 | 21 | 24 | 26 | 30 | 34 | 36 | 32 | 32 | 36 | 40 | 44 |
| Fireproof | 30 | 60 | 40 | 30 | 25 | 35 | 40 | 38 | 36 | 36 | 34 | 34 | 34 | 25 | 23 | 21 | 24 | 26 | 30 | 34 | 36 | 32 | 32 | 36 | 40 | 44 |
| Mill Construction | 20 | 40 | 25 | 15 | 12 | 14 | 16 | 15 | 14 | 14½ | 14 | 14 | 14 | 11 | 11 | 10 | 11½ | 12 | 14 | 16 | 17½ | 16½ | 15 | 18 | 20 | 22 |
| Ordinary | 17 | 34 | 20 | 11 | 10 | 13½ | 15 | 13½ | 12½ | 13 | 13 | 13 | 13 | 10 | 10 | 9 | 10 | 10½ | 12 | 13 | 14 | 13½ | 13½ | 15 | 16 | 17 |
| Frame | 14 | 28 | 17 | 9 | 8 | 10½ | 12 | 10 | 9½ | 9½ | 9 | 9 | 9 | 8 | 7 | 6½ | 7 | 7½ | 9 | 10 | 11 | 10 | 10½ | 11 | 12 | 13 |
| BUILDINGS WITHOUT HEAT: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Enclosed Without Floor (Frame) | 06 | 12 | 8 | 6 | 5 | 7 | 8 | 7 | 6½ | 6½ | 6 | 6 | 6 | 5 | 4½ | 4 | 4½ | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 10 | 11 |
| Enclosed (Frame) | 06 | 12 | 8 | 6 | 5 | 7 | 8 | 7 | 6½ | 6½ | 6 | 6 | 6 | 5 | 4½ | 4 | 4½ | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 10 | 11 |
| Enclosed (Ordinary Construction) | 06 | 12 | 8 | 6 | 5 | 7 | 8 | 7 | 6½ | 6½ | 6 | 6 | 6 | 5 | 4½ | 4 | 4½ | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 10 | 11 |
| Enclosed Without Floor (Ordinary Construction) | 06 | 12 | 8 | 6 | 5 | 7 | 8 | 7 | 6½ | 6½ | 6 | 6 | 6 | 5 | 4½ | 4 | 4½ | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 10 | 11 |
| Enclosed (All Steel) | 06 | 12 | 8 | 6 | 5 | 7 | 8 | 7 | 6½ | 6½ | 6 | 6 | 6 | 5 | 4½ | 4 | 4½ | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 10 | 11 |
| Enclosed Without Floor (All Steel) | 06 | 12 | 8 | 6 | 5 | 7 | 8 | 7 | 6½ | 6½ | 6 | 6 | 6 | 5 | 4½ | 4 | 4½ | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 10 | 11 |
| Open Shelter (Frame Construction) | 05 | 10 | 7 | 5 | 4 | 6 | 7 | 6 | 5½ | 5½ | 5 | 5 | 5 | 4 | 3½ | 3 | 3½ | 4 | 5 | 6 | 7 | 6 | 7 | 8 | 9 | 10 |

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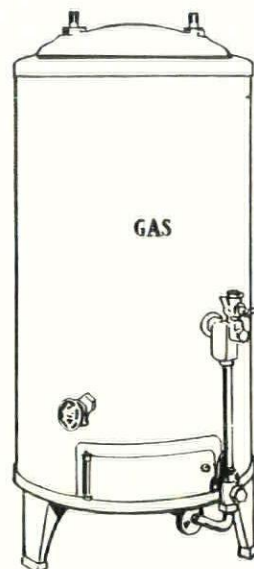
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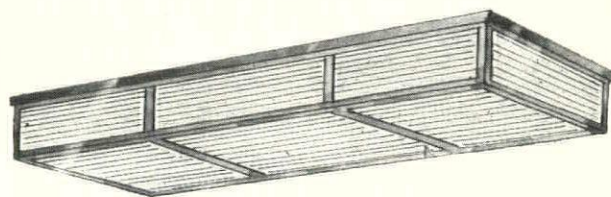
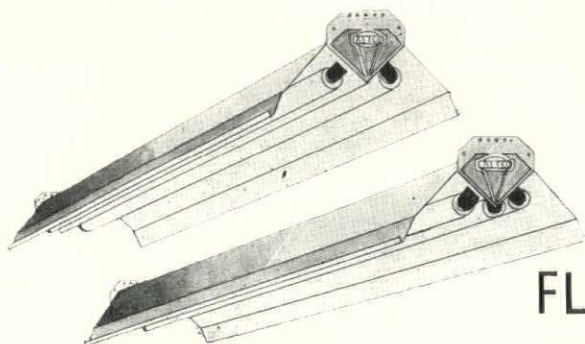
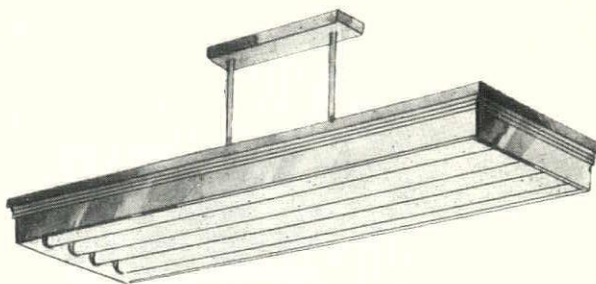
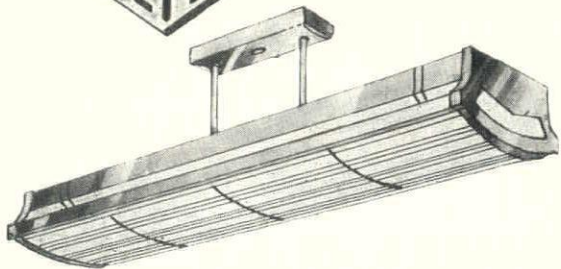
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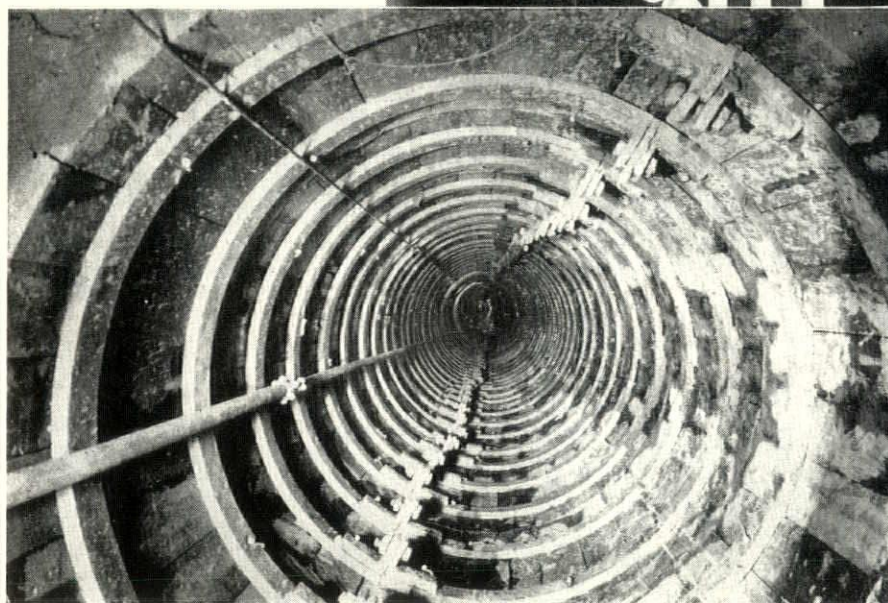
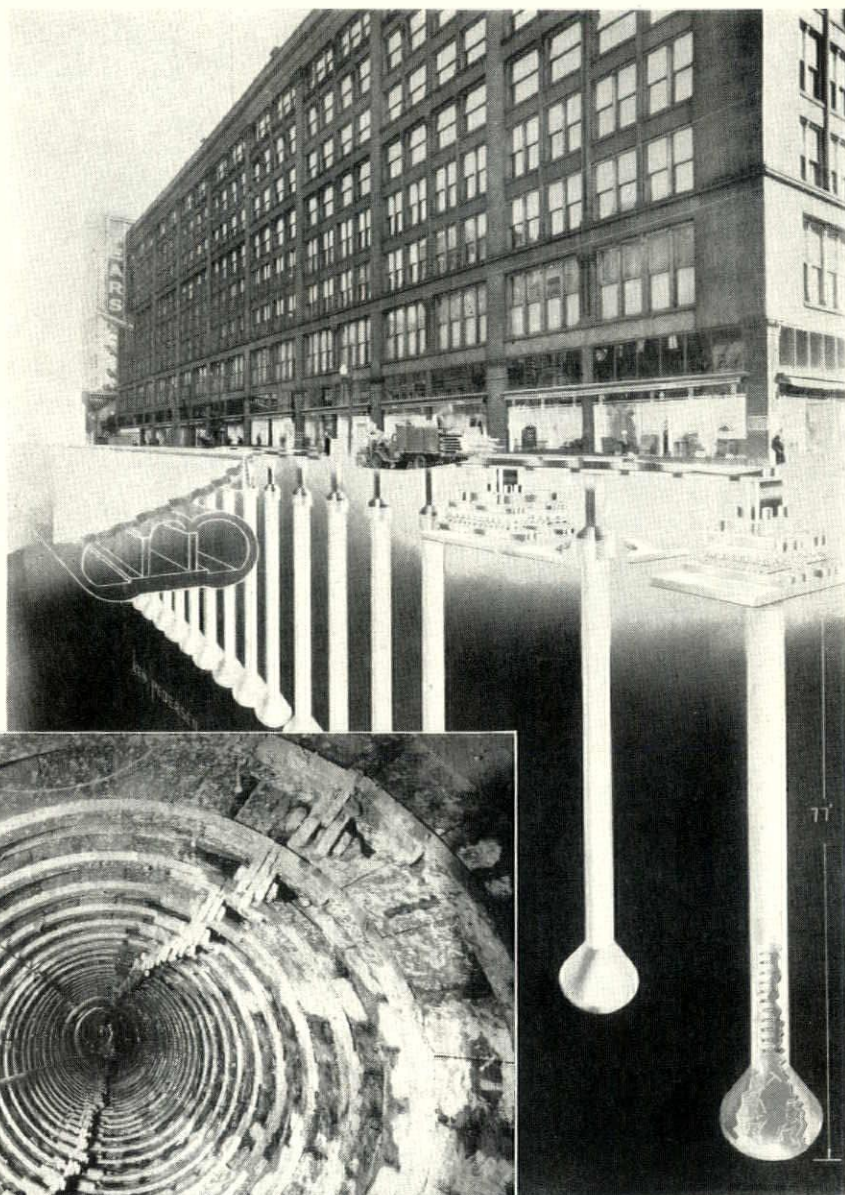
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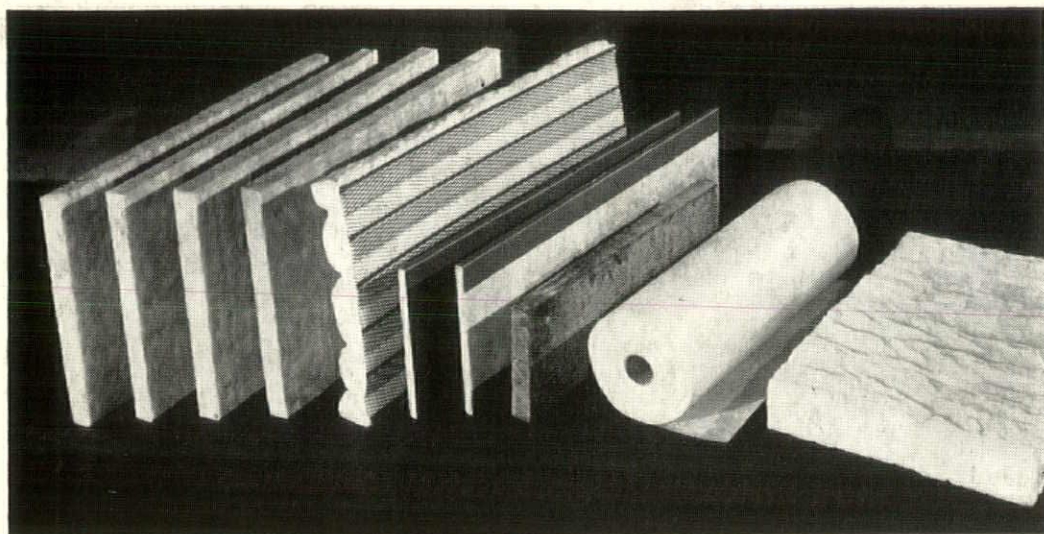
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