No. 2 of a series designed for dissemination of information pertaining to aluminum exteriors. Various subjects will be covered, such as windows, doors, panels, Engineering data, etc.

**COST**

1. What is the installed price, per sq. ft., on an average job for: Ceramic tile panels, laminated to paper honeycomb, aluminum back?
   - $2.50
   - $3.40
   - $4.60

2. The new die cost of a special aluminum shape for use as a mullion, sill, trim, etc., is:
   - $175.00
   - $450.00
   - $1,000.00

**TECHNICAL**

3. The modulus of elasticity of aluminum is:
   - 2,000,000 P.S.I.
   - 5,000,000 P.S.I.
   - 10,000,000 P.S.I.

**HISTORY**

4. Commercial production of aluminum was first started in:
   - Canada 1902
   - Germany 1892
   - France 1852

**GENERAL**

5. The building code for the City of Detroit shows a minimum width for required exit doors to be 3'-4". The standard aluminum door width nearest 3'-4" is:
   - 3'-4"
   - 3'-6"
   - 3'-8"

6. Although narrow stile doors are preferred for design, wide stile doors must sometimes be used because of frequent glass breakage in public buildings. The stile width of a Hankins & Johann narrow stile aluminum door is 2", and that of a wide stile is:
   - 4½"
   - 5½"
   - 6½"

7. Narrow stile doors can be designed where glass breakage is a problem, provided heat tempered glass is used. How much stronger is this than ordinary plate glass?
   - Four times
   - Twice
   - Ten times

**DOOR HARDWARE**

8. The difference in price of an overhead check for an aluminum door vs. a concealed floor check is:
   - $10.00
   - $20.00
   - $40.00

9. How many manufacturers of floor checks are listed in 1958 edition of Sweets, Section 187?
   - 3
   - 5
   - 9

**FINISH**

10. Sweets file #16, 1958 edition, shows 13 manufacturers of aluminum entrances. The standard finish as used by 70% of these is:
    - Mill finish
    - Satin etch and lacquer
    - Alumilite

See Quiz Answers on Page 55

---

Score 10 for each correct answer:
- 90-100 Excellent
- 80-90 Very good
- 70-80 Good
- 60-70 Not bad
- Below 50 Get a book

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Entances HANKINS & JOHANN
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Architects, Whom Do They Hate?

By Douglass Welch, in the Los Angeles Examiner. Reprinted from the Bulletin of Orange County Chapter, A.I.A.

There is only one thing about architects that you can be sure of—no architect wants any part of what any architect has done.

Writers admire other writers, artists admire other artists, but architects hate one another to pieces. Hire an architect to build an addition to a Greek temple, he'll come up with a glass-house modern design every time. Hire him to design an addition to an ultra-modern structure, all of a sudden you have flying buttresses and gargoyles.

All over the world you will find buildings that are half one period and half another, entirely dissimilar, reflecting the fact that architects don't approve of one another; they don't really like what they've done themselves in past years. You don't dare hire an architect to add to his own building; he'll change the windows.

So you've got a college campus, all one style. Tudor. You want a new building, tudor. What comes out, even if you hold a pistol to the back of your new architect's head—French provincial or something? Frank Lloyd Wright isn't even ready to accept yet.

No wonder a new kind of insurance is on the market, an insurance covering the "errors and omissions" made by architects and engineers. The day you move into your new house you make an astonishing discovery. "Good Heavens!" you exclaim, "there is no bath room in this place!" You don't call up your architect, you call up the insurance company. They soon add a bath room to your house—designed by their own architect, and, of course, in a different style.

The editor of the Orange County Chapter Bulletin makes this comment: "Without taking the time to examine the qualifications of Mr. Douglass Welch to criticize the architectural profession so abundantly, I would guess that he had just received his bill from an architect, or perhaps he forgot to take his Carter's Little Liver Pills that morning."

And, to add our Michigan Bulletin's observation:

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THE DETROIT MEDICAL CENTER

a proposal for the re-use of land cleared under the Federal and City Urban Renewal Program
FOREWORD
By CHARLES A. BLESSING, A.I.A.,
Secretary-Director,
Detroit City Plan Commission
THE SIGNIFICANCE OF THE
DETROIT MEDICAL CENTER

During the past twenty-five years major cities throughout the country have undertaken the development of medical centers, large and small, planned and unplanned. Many under way today are regrettably not outstanding in their concept or execution. Few represent an ideal of integration with the master plan of the city. Most to date are in the category of isolated projects dropped almost at random into the heterogeneous fabric of the obsolete city core areas.

Fortunately for Detroit, circumstance and favorable timing brought together just the elements so generally lacking in the approach to medical center planning. In the first place, Detroit's urban redevelopment program included almost 8,000 acres of continuous land surrounding the central business district. Among the most deteriorated acres of this total are those adjacent to the four great medical institutions of the Medical Center area. In terms of framework and broad relationships, the emerging expressway pattern clearly ties together the principle corridor on the Woodward axis — the Civic Center on the Detroit riverfront, the 800-acre Central Business District, the future Medical Center and the Cultural Center, into a strong and logical urban design, with each element supporting and strengthening the whole. Into this design framework the medical center fits with logic and efficiency.

The creative approach to the design of the medical center sees it as a component of a large concept—a rebuilt city. The actual physical form of the medical center bears a relationship to the form of the adjoining areas. It is a most fortunate fact that the Medical Center Committee was ready to proceed with a competent and creative urban designer-architect of the ability of Gerald Crane, and to coordinate its efforts with those of the City in developing a forward looking urban design solution for what should prove to be the finest-conceived and designed medical center in America.

The accomplishment of the Medical Center as an integral part of the new Detroit to serve its citizens better will require years more of careful adherence to sound principles of city planning and urban design.

THE DETROIT MEDICAL CENTER
By GERALD E. CRANE, A.R.I.B.A.,
Designed and illustrated by the author

There are few people, living in or beyond a metropolitan area, who do not in some way, or at some time, have a direct interest in the well-being of the heart of the city. Modern Western civilization is for the greater part, an urban civilization, and it is from the heart of the city that so much of our culture, and economic life derives.

It is therefore not surprising that the problems arising from the decay and general physical deterioration of the central areas of American cities, both large and small, have been receiving increasing attention in recent years. Failure in the past to meet these problems as they arose has resulted in a vast back-log of old, out-dated developments, which must be rebuilt if the city is to retain its social, economic and cultural vitality.

This task of rebuilding is of monumental dimensions. In Detroit, which is no exception to the general rule, large portions of the central area are in an advanced state of physical decay. The uncontrolled, unplanned use of land has allowed industrial and commercial development to permeate residential areas, accelerating their decline. The street pattern is inadequate and ill-suited to the demands of the pedestrian and moderate vehicular traffic.

The 1954 Redevelopment Survey of the Detroit City Plan Commission stated, "It was found that the total area in need of redevelopment consisted of 7,928 acres, or approximately 9% of the City's area. Of the acreage in need of redevelopment, 4,937 acres, or 62%, fell within the Grand Boulevard."

To combat this decline, the City of Detroit has instituted an imaginative program of redevelopment and conservation. Urban renewal projects are eliminating the most deteriorated areas, replacing them with planned residential, commercial and industrial development.

Beyond the central core, conservation projects are being initiated to prevent further decline, and to rehabilitate those neighborhoods where symptoms of physical decay are apparent.

Magnificent expressways are revolutionizing the old street pattern and facilitating rapid access to the central area to an unprecedented extent.

THE DETROIT MEDICAL CENTER
CITIZENS COMMITTEE

Located in the downtown area are many large, old-established institutions, which, when originally founded, were in open fields on the periphery of the City. The phenomenal expansion of the urban area engulfed them, with the result that today they find themselves in the midst of the aging central area.

Among such institutions are four of the largest and finest Detroit hospitals—Children's, The Grace, Harper and Woman's. Between them they comprise about one-fifth of the City's hospital facilities, and provide about the same proportion of the services. These hospitals have nearly 2,000 beds, handle close to 60,000 inpatient admissions a year, and provide annually about 250,000 out-patient and emergency services. Together with the newly constructed Rehabilitation Institute of Metropolitan Detroit, these hospitals already offer facilities and services comparable to those of the greatest medical centers in the United States.

In May 1955 a committee was formed consisting of two trustees, and the director of each hospital, and the Dean of Wayne State University Medical School. The purpose of this committee was to study and evaluate the possibilities of
creating a medical center, utilizing the existing hospitals as a core around which to develop further facilities for medical care, teaching, and research.

Subsequent to meetings with Charles A. Blessing, A.I.A., the committee, now known as the Detroit Medical Center Citizens' Committee, retained the author to conduct studies and assist in formulating proposals for the Medical Center area. This is a roughly rectangular parcel of land, east of Woodward, north of Mack, approximately one mile long by half a mile wide (see aerial photograph opposite).

THE WOODWARD CORRIDOR

The Medical Center area is a part of a larger tract of land, lying immediately north of the Detroit Central Business District, where the process of rebuilding is gaining momentum.

Already constructed are the John C. Lodge and Edsel Ford expressways, parts of an urban super-highway system that will eventually radiate throughout the City and Metropolitan Area. Soon to be built is the Walter P. Chrysler expressway, to be followed later by the Fort-Vernor. These expressways define the rectangular "Woodward Corridor," and give added impetus to its redevelopment.

The rapid expansion of Wayne State University, west of Woodward and north of Warren will result in the reconstruction of the north-west sector of the Corridor. Adjoining to the University, on both sides of Woodward, the gradual development of the Cultural Center around the Main Public Library, Historical Museum, and Art Institute will eventually transform the north-eastern sector.

In the photograph of the model (opposite), prepared for the J. L. Hudson Company's "Detroit Tomorrow" Exhibition, under the direction of Norbert Gorwic, in collaboration with the Detroit City Plan Commission, the Woodward Corridor is shown in its entirety as it might eventually appear. Here a preliminary design for the Medical Center is shown in relation to the expressways, Cultural Center, and Wayne State University.

The diagram above illustrates the pattern of projects currently being studied, or under construction, both in and adjacent to the Central Business District and the Woodward Corridor.

THE MEDICAL CENTER AREA

To the east and south of the Cultural Center lies the Medical Center area, extending from Mack on the south, on the
east and west to Hastings and Woodward, to Ferry on the north.

Much of this area had been defined in the City Plan Commission’s 1954 study as being in need of redevelopment.

For the most part it consists of residential areas aged beyond repair, permeated with industrial and commercial structures, frequently as dilapidated as the residences they adorn. Heavy traffic continually traverses this sector, particularly on the north-south one-way streets, particularly Brush and on the main east-west one-way streets, (Forest, Warren). The composite effect of this traffic pattern is to create small islands of land, each a few blocks in extent, surrounded by streams of fast flowing traffic.

If the area is to be satisfactorily rebuilt, a radical revision to the existing street pattern is essential.

THE CITY AND FEDERAL URBAN RENEWAL PROGRAM

It is planned to redevelop 236 acres of the total 307 acres that comprise the Medical Center area within the legal and financial framework of the Federal Urban Renewal Program. Under this program the Federal Government pays two-thirds of the net cost of acquiring the land and existing buildings, and the City pays one-third of the net cost. The net cost in this instance is the cost of acquiring land and buildings, and of making street and site improvements, minus the income derived from the resale of the land.

The project will be processed through the medium of the General Neighborhood Renewal Plan, whereby the total area is redeveloped in a series of phases over a ten-year period. The total net cost of land clearance and site improvements will be approximately $30 million, two-thirds of which will be made up by Federal contributions.

Subsequent to approvals by the City Plan and Housing Commissions, the Common Council of the City of Detroit approved in April of this year the submission to the Federal Government of an application for approval in principle of the total project, and for a reservation of $5.5 million for phase one of the project.

This sum, together with the City’s share of $2.75 million will permit clearance of approximately one-third of the area.

The land, when cleared, is made available to private developers to rebuild within the framework of a master plan, and subject to restrictions imposed relating to that plan. The Medical Center will thus offer a fine opportunity for private investment, both in residential and commercial buildings, as well as for the fulfillment of one of its central purposes, which is to make available to medical and related institutions, reasonably priced land at the most central and accessible point in the entire metropolitan area.

THE ROAD PATTERN

The re-design of a segment of a city poses many problems, one of the most basic being in street and road layout. Being but a small part of a greater whole, the area is planned for the part must integrate with plans for the whole.

Detroit is fortunate in having a good Master Plan which serves to guide all future development. It is within the framework of that Plan that these proposals have been developed.

Thus the basic road framework of the Medical Center Plan is that of the Detroit Master Plan, which proposes Woodward, Mack and Warren as major two-way streets. In addition, the Walter P. Chrysler expressway is to be aligned along the existing Hastings Street. These routes will carry all of the cross-town, and much of the north-south through traffic in this vicinity.

It is therefore proposed that this through traffic be taken by a two-way street along Brush, depressed below grade before its junction with Warren, until it reaches a point south of Mack. Ramps off this depressed Brush will permit rapid access to Mack and Warren, and to the Medical Center. This will necessitate some revision to the street pattern beyond the limits of the project, in order to make the transition from the proposed to the existing.

Within this framework, the local street system can be developed so as to embrace three of the four existing hospitals, and the Rehabilitation Institute, within a large untrafficked parcel of land set aside entirely for buildings devoted to medical care, teaching and research. A two-way, four-lane peripheral drive, with ample dividing strip to facilitate left-hand turns, will enclose the Medical Center, providing access to it and to the surrounding development.

In this way, the unnatural mixture of pedestrians and vehicular traffic will be minimized, and it will be possible to create in the Medical Center itself an atmosphere of tranquility and beauty, where the automobile becomes the servant, and not the master, of the pedestrian.

Parking facilities will be distributed throughout the whole development, the largest being underground in the Medical Center, east of The Grace Hospital, accessible both from St. Antoine, and the depressed Brush Street.

The re-organization of the road pattern will require some relocation of existing mass transit routes. A route along the depressed Brush Street would enable passengers to alight and be transported by escalator into, or within half a block of, any building in the Medical Center.

LAND USE

The Detroit Master Plan indicates residential and institutional uses for the area with strip commercial development along the Woodward Avenue frontage. The Medical Center Plan makes some adjustment to the extent of these uses, but retains them in principle.

One of the advantages of redevelopment is that it permits the assembly of single or compatible uses. Advantage is taken of this opportunity in the plan, which reduces the number of blocks from 65 existing, to 13, with a considerable saving in land devoted to streets.

The basic idea of the plan is that of a large rectangular core area, devoted to medical uses, surrounded by a belt of land, approximately one block wide, devoted to residential and other facilities.

The Medical Center itself will cover some 100 acres, 20 of which will be given over to a landscaped park.

The Children’s Hospital cannot be physically contained within this development, since it is separated from it now and in the future by Warren Avenue. Nevertheless, the land to the north and south of the hospital lends itself to the most satisfactory type of development in the form of a campus devoted to the care and treatment of children. If designed to be in scale with children, with gay and bright buildings, this could become a unique complex, both in character and content.

It is proposed that approximately one-third of the total Medical Center area be devoted to residential and related uses.

The peripheral development around the Medical Center, and the land west of Children’s Hospital, will be residential, of a character to meet the needs of various types of households. It will take the form of high-rise apartments, two-story terraces, and patio-type units. Some of these will be for the staffs of the Medical Center. Much of it will be available to the general public.

Three of the residential sites have been ascribed a specific character, namely that immediately north of Woman’s Hospital, which will be for nurses and nursing students. West of this is a five-acre site for housing for the aged. Accommodations for interns, residents and students will be south of the Medical Center, between Brush and St. Antoine.

A certain amount of commercial development is necessary and desirable, containing various activities ancillary to the Center, such as space for doctors’ offices, general offices, social agencies, stores, a motel, etc. Space for such uses is provided for in the plan in the southwest corner of the area, along the Mack and Woodward Avenue frontages. A small supermarket and drug store, just south of Canfield, will serve the residential development to the north and south.
LAND USE

Existing Hospitals
Medical
Residential and related uses
Commercial
Park
Cultural Center
THE DETROIT MEDICAL CENTER

Aerial view from the Southwest
City planning and civic design are by no means synonymous. The former involves many skills and professions, such as economics and sociology, which do not play a direct part in moulding the physical form of the city. The city planner is not necessarily a designer, nor the designer a city planner.

At the same time, there is a region where the skills of the physical planner overlap and tie in with the skills of the architect. This is the field of civic, or urban design.

Unfortunately the art of civic design is a lost art. Although great strides have been made in evolving an architecture which is truly contemporary in character in expressing the mood and technical advancements of its time, our cities become more and more ugly. Indeed it would seem that as the quality of individual buildings increase, so the general environment of which they are but a part, becomes less and less desirable to work in, to play in, or to live in. Architecture has become introverted, with each building treated as if it were an entity in itself, surrounded by unlimited, unobstructed space.

Simultaneously, the automobile has come to play such a vital role in our lives, that traffic engineering generally dominates all other city planning considerations. By devoting 35% - 40% of urban land to accommodating the automobile, much of the feeling of urbanity of cities has been destroyed.

The fabric of the modern city is so complicated that radical revisions of existing patterns are extremely difficult. Furthermore, even if the architect is conscious of the need of relating the new to the existing environment, site conditions and/or lack of aesthetic merit of the latter usually makes this impossible.

Large scale redevelopment is virtually the only method whereby these difficulties can be overcome. Redevelopment makes it possible to drastically revise outmoded street patterns which put sites in strait-jackets and isolate them in a sea of traffic. Redevelopment permits the assembly of land into large parcels, which in turn allows the form and function of the building to play a much larger part in determining the shape of the site than is usually the case.

Above all, it makes possible to create a fusion of all the elements of civic design—streets, land use, buildings, landscaping, spaces, street furniture, into a homogeneous whole. In short, it makes possible the revival of the art of civic design.

By conceiving the Master Plan for the Medical Center in architectural terms it has been possible to establish a general conception for the whole. It may well be that as the form and function of the individual buildings and spaces that will comprise the Medical Center become more clearly defined, that this initial architectural conception will change. However, the plan does provide an essential point of departure. Furthermore, this approach has permitted some exploration of the potentialities of the various parcels of land, and has had a bearing on both the street and the land use pattern.

More and more the architect is realizing that the city planner can not only do much to activate new programs for building and reconstruction, but that he can also provide a framework within which buildings can be more freely and more sensibly situated. Undoubtedly the more collaboration there can be between the two professions, the more mutually advantageous it will be, and the more the public, whom they both serve, will benefit.

The Detroit Medical Center will present a fine opportunity for such collaboration, and to create an environment in which medical advancement finds physical expression through the arts of architecture and urban design.

ACKNOWLEDGEMENTS
The author wishes to acknowledge his gratitude and thanks to the Detroit City Plan Commission, and to Mr. Charles A. Blessing, A.I.A., for the advice, collaboration and assistance given in developing these proposals; also to various members of his staff,—Carl Almblad, Richard Szels, Norbert Gorwic, Frank Clark, and others; to Ed Taylor for the photographs of models; to Bob Marans for assistance in preparing the material for this article.

Also to the Detroit Housing Commission, and its Director, Mr. Harry Durbin, and to Joe Starrs, Urban Renewal Coordinator, and to all those City officials who work towards building a better Detroit.
MASTER PLAN

1. Rehabilitation Institute
2. Harper Hospital
3. The Grace Hospital
4. Women's Hospital
5. Children's Hospital
6. St. Josafat's Church
7. 1st Congregational Church
8. Knights of Columbus
9. St. Paul's Cathedral
10. S. Main Medical Campus
11. N. Main Medical Campus
12. Park
13. Nurses Housing
14. Residents & Interns Housing
15. High & Low Rise Housing
16. Low Rise Housing
17. Housing for the Aged
18. Commercial Development
19. School
20. Cultural Center

Existing Buildings
The Main Square in the Medical Center
Model of the North Medical Campus, to be developed around the existing Children's Hospital

A children's playcourt in the North Medical Campus
Housing for the Medical Center staff and the general public

High-rise housing

Low-rise housing
Housing for nurses

View from the South

Plan
Commercial development along the Woodward Avenue Frontage — motel, offices, stores

The south side of St. Paul's Cathedral
WESTERN MICHIGAN CHAPTER, A.I.A., met at Inman’s restaurant, Galesburg, May 19th to hear a talk by Richard Van Praag, investigator for the State Board of Registration for Architects, Professional Engineers and Land Surveyors.

Cocktails preceded the dinner at 7:00, giving many of the members an opportunity to discuss individual problems with Mr. Van Praag on an informal basis.

Mr. Van Praag is well informed and most cooperative with the architects of Michigan.

He stated:

“Our office desires to help and to press charges on violators but our hands are tied unless you have concrete evidence including witnesses and someone willing to press charges. Such a person must be directly connected with the case. Hearsay will not hold up in court. In many cases we have evidence but no one to press the charges, therefore there is no case. The law is technical, but we feel that, in our department, progress is being made. With patience and revision of laws there should be more hope for better disposition of cases in the future.”

Some members wondered how long their patience would be tried and expressed a feeling that now is the time for law revisions. They were, however, grateful to Mr. Van Praag, and his department, for their interest and many endeavors to cooperate.

Delegates to the A.I.A. National Convention, Cleveland, July 7th through 11th, are Ian C. Ironside, David E. Post, Roger Allen, Adrian N. Langius, George W. Sprau and Joseph T. Daverman.

The Gull Lake Outing, June 6, will be the last chapter meeting until September.

ARCHITECT NORMAN KELLOGG of Cincinnati, Ohio, has been a guest of the Guido A. Binda firm, Battle Creek. Kellogg has specialized in designing schools and it is reported that he may join the Binda firm in the near future.

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We are all today very much interested in attitudes and ideas for our world today is composed more of them than almost anything else. Let me illustrate.

If we are discussing organized attitudes towards ideas. Our attitude toward the idea of taxes, rent, tariff, social security and unions is affected by the general attitude called political parties. If we consider ourselves Republicans we are openly in favor of some ideas. If we find a change in office occurs and someone else of a different party is in office, our entire attitude changes. If we are doing business during boom times we feel differently towards investments from what we do during lean times Isn't it really our attitudes that govern us more than we realize?

First, I wish to present to you an idea that can change your entire attitude towards landscape architecture, or, as I prefer, gardens.

Second, let's build up this idea.

Let's use only words, no color slides or drawings, so that each one of us can build his own mental picture, on as high a plane as he wishes.

Now, here is what we all can do. Every one of you here has appreciated a beautiful natural site or scene. Be it a flowing, winding trout stream, a hike through a secret cedar woods to observe the beauties of wild flowers in the spring, a view from a high cliff overlooking a beautiful valley, or, perhaps your own backyard. But let's each one select his own special location.

Personally, I am going to select a meadow by a small stream in the early summer. Here is a thick mat of deep green grass, several large trees, summer wild flowers growing in profusion, and the song birds are trying to outdo each other.

All right, now, what more can we ask for in actual living? Let's examine this mental ideal location, observing how we can actually live here. The sun is shining, temperature is 80, no wind is blowing (remember this is a mental picture, we can cross off all the bugs, etc.) We actually have all the comforts of home, yes, even more, as here are the joys of nature around us.

Now, what reason is there for a building? What can any structure of man do for us?

O.K. now, let's add one or two of mother nature's tricks. We try reading some poetry, but the sun is too bright. We need a sun shade! We are sitting in the grass reading and a light wind comes along and blows the pages of our book. We need a wind-break. Let's erect a large glass screen (being a mental screen, we need no limits on the size) 9 high and stretched out 50 feet or more. Now we have solved the wind break and not shut off the view. Let's have a little rain. Now we need an umbrella or a more complicated thing, a roof. Remember, we are only building a mental picture, so let the roof just float up above you, don't build any posts, and let the ran grow as large as needed, until the light is just right.

Where are we?

We can still, read and enjoy our natural paradise, the rain, wind and brightness do not disturb us. We keep the temperature at 80. What reason is there for a building? We are protected and sheltered from the elements. We have our natural paradise, we can go back to our reading.

But, you say what about all the other elements, Nature's tricks, winter, bugs, etc.? They are mere technical problems we can solve.

Third, now notice I have not used the words OUTDOORS and INDOORS. Here are two words landscape gardeners and architects do well to omit from their vocabulary. In the mental house we are building, we have not defined the indoors as something apart from the outdoors, and I do not intend to. Actually, we have described the process of capturing a place, an area space to live in NATURE, not INDOORS. And this very simple principle is the secret of all really good contemporary architecture. To build a shelter and yet retain awareness of our surroundings. Not only an awareness of nature and beautiful gardens, but an awareness of our surroundings. This attitude can inspire many new ideas and ways to enjoy using a building and it's entire surroundings.

Fourth, surroundings are composed of many things in addition to trees, grass, plants and flowers. We are surrounded by attitudes and ideas of other people.

Can your neighbors enjoy your land? Can you enjoy theirs? We all love flowers. Have you ever found a person whose attitude was such that he objected to flowers? Can you imagine a home without flowers? None of us likes this idea too well.

But, how many homes in our cities unintentionally follow or express this attitude? You don't believe this? How many people do you know who are able to enjoy their outdoor tulips from their indoors? How many homes do you know that were planned from the attitude of "an awareness of your surroundings?"

I think we all agree, "very few." But it's only a change in attitude that is required in order to discover many excellent ideas for better living.

The average home is conceived of as a separate entity with little thought as to it's surroundings. If we take any expand our attitude to include living on the entire land, and not limit ourselves to a building, watch how your ideas will change and grow.

The "Contemporary Spirit" recognizes the beauty of our complete, or entire, plot of land. This principle makes it integrally available throughout our entire home;yes, and our schools, and our churches, and all other structures, too, to inspire an awareness of our surroundings.
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SAGINAW VALLEY CHAPTER, A.I.A., scheduled its monthly meeting for June 2 in Midland.

Alden B. Dow, F.A.I.A., and his staff invited Chapter members for pre-meeting activities at his office, with an exhibition of the A.I.A. National Honor Awards for 1957. This annual event at Mr. Dow's has always met with much enthusiasm from Chapter members.

Sculptor Marshall Fredericks, of Royal Oak, was the invited guest of honor and speaker. Mr. Fredericks, Honorary Member of the Michigan Society of Architects, and recipient of the A.I.A. National Arts Medal in 1952, has become recognized as one of the Nation's outstanding sculptors. His work can be seen in Detroit on the Rackham Memorial, Veterans Memorial, the Barbour Fountain on Belle Isle and the City-County Building. His Ford Auditorium brass and aluminum mural looks effortless but represents two years of his work. First came the idea—he wanted to show how the forces of the universe merge with skills to produce an automotive empire.

Then came the choice of material. He had done many sculpture commissions in stone, bronze and plastics, but he chose this commission as his first important work in metal.

He built a workshop next to his studio, then brought in a score of artists and experts in metal crafting to help carry out his ideas. The mural, which contains a ton of metal, had to be assembled in a factory in Drayton Plains, and the sculptor brought in specialists to help with the 10,000 mitered joints holding the five-section mural together.

Arrangements for a charcoaled steak supper at the Hickory House restaurant, following the Chapter's business meeting, were in the hands of Jackson B. Hallett, Eldine Crampton and Robert W. Hammerschmidt.

The Chapter planned welcomes for its two new corporate members—Robert A. Kretchman and Irving C. Hacker.

Architect Krechelman is a graduate of Michigan State University and an associate of the firm of Samuel C. Allen, A.I.A., of Saginaw.

Architect Hacker, a graduate of the College of Architecture and Design, University of Michigan, received his training in the architectural offices of Joseph C. Godsey, Ralph W. Hammell and Thomas S. Tanner, both of Ann Arbor. He is now associated with the Bay City office of Brysselbout, Starke & Associates, Architects.
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Meeting With AIA Students

Members of the Detroit Chapter, A.I.A., met at the College of Architecture and Design, University of Michigan for its annual joint meeting with members of the three A.I.A. student chapters, on May 16. More than 100 were present.

The Detroit Chapter Board met during the afternoon, then joined with architects, students and guests, including ladies, for refreshments and viewing of student exhibits.

Dinner was served at the Michigan Union and this was followed by a program consisting of awards, a skit by students and an address by Mr. Carl W. Almblad, of Detroit’s City Plan Commission.

This being the students’ night, James Gray, President of the student host chapter, opened the meeting following dinner and welcomed members of the two visiting student chapters. He introduced Professor Earl W. Pellerin, Head of the Department of Architectural Engineering at the University of Detroit, as the student moderator, who introduced the architects to see what students at college are doing now days. Their work is most creditable, and it makes one wish he were an architectural student again.

Professor L. Robert Blakeslee, Head of the Department of Architectural Engineering at the University of Detroit, stated that Professor Joseph Varga, his faculty moderator, was unable to attend and make the awards for his school.

Professor Blakeslee presented the A.I.A. Medal to Frederick James Stephenson; its Activities Award to Andrew Nasser, and its Alpha Rho Chi Medal to Kinsella.

Professor Earl W. Pellerin, Head of the School of Architecture at Lawrence Institute of Technology, presented that School’s Annual Award to the student ‘who has shown the greatest improvement in the study of architecture’ to David Leach, and its Award for “outstanding achievement in the study of architectural design” to George Moore.

Dean Youtz presented his College’s A.I.A. Medal to Robert Lee Ziegelman, its runner-up award to Lawrence Edward McCullough, and its Alpha Rho Chi Medal to Robert Lee Ziegelman.

Mr. Almblad gave his audience an insight into what the Detroit City Plan Commission is doing through his Department of long-range and rehabilitation planning. Through color slides, he showed something of the Lafayette Park (Gratiot-Orleans) slum clearance project, which is well under way with construction; the proposed Corktown development and others. He said that his Department is concerned with two phases of planning—slum clearance and redevelopment, and he gave examples of both. The Commission’s planning has been extended to include industrial areas as well, a notable example of which is the Milwaukee Junction area.

This was a delightful occasion, particularly as it enabled practicing architects to see what students at college are doing now days. Their work is most creditable, and it makes one wish he were an architectural student again. They seem to get a lot of fun out of it as well. We are indebted to the College for being our hosts.
Before an assembly of five hundred educators, civic leaders, and government dignitaries the new 3-time award-winning Harlan School was dedicated in Birmingham, Michigan on May 13, 1958.

The presentation of keys was made by Linn Smith, A.I.A., of the firm of Smith, Tarapata, MacMahon, Inc., Birmingham, architects of the school. The dedication speaker was John Marshall Harlan, Associate Justice of the United States Supreme Court.

The school is named for C. Allen Harlan who donated the land. Mr. Harlan is a Detroit civic leader whose American heritage is illustrious with members who fought in the American Revolution and the Civil War.

The Harlan family traces its descent from James Harlan, Yeoman and member of the Episcopal Church, who was born in 1625 in the “Bishoprick, nigh Durham, England.” His son, George, who was baptized in 1650 at the Monastery of Monkwearmouth, founded in 672, brought his family to America in 1687 and settled on Brandywine Creek, Chester County, Pennsylvania.

Principal Edwin W. Crandell, Dr. Dwight B. Ireland, School Superintendent, and Mr. and Mrs. Charles E. Wilson, at reception

Educational mural in main entrance by celebrated artist Marvin Beerbohm

A reception and buffet dinner for two hundred guests was held on the Harlan estate preceding the dedication. Left to right: Mrs. John Marshall Harlan, Justice Harlan, C. Allen Harlan, and Rev. Celestin J. Steiner, S.J., President of University of Detroit.

The Harlan School has 12 self-contained classrooms, library, art and music room and a multi-purpose room for various events including community gatherings, as well as a clinic, conference room, teachers' lounge, kitchen and offices. Edwin W. Crandell is principal of the school.

The school has received awards from the American Association of School Administrators, Michigan Association of School Boards and the School Executive Magazine for its beauty and ultra-contemporary facilities.
**MSA Schedule of Recommended Minimum Fees**

This Schedule of Recommended Minimum Fees for Architects in Michigan has been approved by the three Chapters of The American Institute of Architects in Michigan and ratified by the Michigan Society of Architects.

It is subject to variation with each project, depending upon its complexity and nature. In instances wherein projects do not clearly fall within the categories mentioned they are subject to special consideration. No such schedule can be all-inclusive, therefore, judgement is required in determining the appropriate category and its corresponding fee.

The chart indicates projects costing from $100,000 (1 million) to $3,000,000 Projects costing more than $3,000,000 are indicated in the table.

Methods of making payments to the architects—for schematics, preliminaries, working drawings and specifications, and for supervision—are to be in accordance with the Standard Form of Contract between Owner and Architect.

This Schedule will be included in The American Institute of Architects' new publication, entitled "Owners Manual," soon to be published. In the meantime, it is hoped that this publication will prove useful to architects of Michigan. Additional copies are available at the Bulletin office.

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**Types of Buildings:**

**Type A:** Warehouses, storage garages, maintenance buildings, barns and other similar structures containing a minimum of simple interior finish, mechanical and electrical work.

**Type B:** Housing, apartments, college buildings (except as provided hereafter under C), schools, dormitories, detention or custodial buildings, recreation buildings, hotels, theatres, auditoriums, libraries, food service buildings, laundries, offices of administrative buildings; buildings for manufacturing and processing; armories and other structures having a similar amount of interior finish and mechanical or electrical work.

**Type C:** Hospitals, health clinics, power plants, laboratories; buildings for research, the teaching of medicine, dentistry, veterinary medicine, chemistry or other sciences requiring a comparatively large amount of scientific equipment, and other equally complex structures with a comparable amount of mechanical and electrical work.

**Type D:** Churches

**Type E:** Residences

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**Schedule of Recommended Minimum Fees**

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<tr>
<th>CONSTRUCTION COST</th>
<th>A</th>
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<th>C</th>
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**Other Methods of Determining Fees**

1. **Fixed Fee:** The architect is reimbursed the total of his direct expenses and an appropriate amount of overhead plus either an agreed percentage of these total production costs or an agreed fixed sum for the architect's services (usually not less than 25% of the applicable percentage rate as determined by the "Schedule of Recommended Minimum Fees.")

2. **Payroll Basis:** The charge is the actual payroll of the architect's employees engaged on the project plus a percentage of the payroll cost for overhead and profit. This percentage normally is between 100% and 150%.

3. **Lump Sum:** The fee is a sum not subject to change because of variations in cost. This form is equitable only when both the extent of the project and scope of services can be definitely established.

4. **Per Diem Rate:** Charges for consultations, opinions, and reports may vary from $50.00 per day upward, travel time included. Travel costs and other similar expenses are proper additional charges.

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Michigan Society of Architects
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Eliminates Overhead Obstructions!

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Better to Give Better Service Over a Longer Period of Time

MANUALLY, MECHANICALLY, or POWER OPERATED

OTHER MAHON BUILDING PRODUCTS
and SERVICES:

- Insulated Metal Curtain Walls
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- Acoustical Metal Walls and Partitions
- Acoustical Metal Ceilings
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"CAN A PRODUCTION HOME BUILDER USE AN ARCHITECT TO INCREASE SALES AND PROFITS?" This was the subject of a panel discussion between architects and builders at the April 28 meeting of the Builders Association of Metropolitan Detroit at the Fort Shelby Hotel.

On the panel were Architects Gerald G. Diehl, president of the Detroit Chapter, A.I.A.; Architects Clifford N. Wright and James W. Conn; builders W. Gordon Spoor, Craig Smith and Rodney M. Lockwood, and Alden S. Marvin, A.I.A., of the Detroit insuring office of the Federal Housing Administration.

Moderator of the discussion was William Baker, Chairman of the BAMD's Architectural Awards Committee. Wright is chairman of the Detroit chapter's Committee on Residential Architecture.

Baker pointed out that relations between residential architects and production builders had improved during the last few years, and Lockwood added that the architectural profession has a wonderful opportunity to make housing more beautiful and more functional.

Conn predicted that the next five years would bring important advances in better design for production houses, with residential architects working more closely with builders.

Smith, who is president of Sullivan-Smith Co., said that a major problem is lack of proper communication between builder and architect. He said:

"I think of architecture as one of the merchandising tools of the builder. Our company feels good architectural service is necessary, because of the valuable contributions an architect can make to a project. I believe the cost of such services for the average production builder is worth the money."

Marvin said the FHA is concerned with the marketability of housing. "There is much to be gained by builders submitting well-prepared plans, and that architects are the best qualified to do this," he said.

"We attempt to allow in valuation for architectural services. We are permitted to recognize in valuation the architect's fee and the cost of his services on single residential units in the small-home field."

The panel agreed that an architect could contribute much to make the builder's house more salable.

NEW CORPORATE MEMBERS of the Detroit Chapter, American Institute of Architects are:


Azary, a resident of Ypsilanti, who received his architectural education at the University of Michigan, College of Architecture and Design, is a structural designer and draftsman with W. T. Anica & Associates, Architects, of Ann Arbor.

Carrigan, of Ann Arbor, also a graduate of the U. of M., is chief designer with the Ann Arbor firm of Charles W. Lane, Architect, Ann Arbor.

Goniec, a resident of River Rouge, received his bachelor of architecture from Lawrence Institute of Technology, and he is now chief draftsman with Arthur Greig & Associates, Architects, of River Rouge.

Miss Joseph, of Detroit, a graduate of the U. of M., is a member of the Plymouth, Mich. firm of Gould, Moss and Joseph.

Moran, of Detroit, who received his professional education at Miami University, Oxford, Ohio, and Detroit Institute of Technology, is with Giffels & Rossetti, Inc., Architects and Engineers.

Nelson, of Inkster, graduated in architecture from Lawrence Institute of Technology, and in civil engineering from Lawrence Institute of Technology. He is now a partner in the Ann Arbor firm of Lantermann Associates, Engineers-Architects.

Pacheco, of Bloomfield Hills, was educated at Wayne State University and Cranbrook Academy of Art, and he is now an architectural designer with Giffels & Rossetti,

Paulsen, of Birmingham, received his architectural education at the University of Illinois, University of Pennsylvania, and at the Royal Academy of Arts, Stockholm, Sweden. He is a visiting lecturer at the College of Architecture and Design, U. of M., and a visiting critic at the Graduate School of Architecture, University of Illinois.

Weise, of Detroit, a graduate of the University of Detroit, is with Giffels & Rossetti, Inc., Architects and Engineers.

AK Organization

SOL KING

SOL KING, A.I.A., former vice President of Albert Kahn Associated Architects and Engineers, Inc., of Detroit, has been named President of the organization. He succeeds George H. Miehls, who will devote his full time to the position of Chairman of the Board and Treasurer of the firm.

King, a graduate of the College of Architecture and Design, University of Michigan, joined the Kahn organization in 1935, became a member of the firm in 1948. In 1955 he became Vice President, and shortly thereafter he was named Director of Architecture.

GEORGE H. MIEHLS

Other Kahn officers re-elected are Sheldon Marston, Executive Vice President; George K. Scrymgour, Vice President and Secretary; Robert E. Linton, Vice President in charge of Civil and Structural Engineering; Saul Saulson, Vice President in charge of Mechanical Engineering; Geoffrey S. Whittaker, Vice President and Assistant Chief Mechanical Engineer, and Virgil C. Wagner, Vice President in charge of Electrical Engineering.
JOSEPH P. WOLFF, COMMISSIONER, DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING, CITY OF DETROIT, has just submitted the Annual Report of his Department to Detroit's Mayor and Common Council. This was the 47th annual report of the Department and the 28th submitted by Commissioner Wolff.

The report points out that since the adoption of Detroit's new building code in June, 1956, several neighboring communities have seen fit to adopt it, others have evidenced an interest in doing so, and the code has been recognized nationally as one of the most modern and effective.

It is interesting to note from the report that in 1957 15,087 permits were issued with an estimated construction cost of $125,386,940, as compared with 16,971 permits in 1956, with estimated cost of $111,174,267.

Special mention is made in the report of such projects as the Ford Auditorium underground garage, Grand Circus underground garage and the Third Street parking deck, providing a total of 2,330 parking spaces. Also mentioned were Cobo Hall, National Guard Armory, the new building for the National Bank of Detroit, Pavilion Apartments in the Gratiot Redevelopment area, Greyhound Bus Terminal, Beacon Street Heating Plant, addition to Harper Hospital, Ferguson Tractor Plant, Patton Park Sewage Pumping Station, the Waterworks Park Booster Plant, and a warehouse for General Electric Company.

The Commissioner thanks the many who have extended their cooperation, while the fact is that the whole City of Detroit owes a debt of gratitude to the Commissioner for his outstanding service.

WALTER L. COUSE, President of Walter L. Couse & Company, General Contractors, has been elected President of the Greater Detroit Board of Commerce. He succeeds Ross Roy, advertising executive.

Ray W. Eppert, new President of the Burroughs Corporation, was elected Vice President to replace Couse. Simon D. Den Uyl, President of Bohn Aluminum & Brass Corp., and Malcolm F. Ferguson, President of Bendix Aviation Corp., were re-elected Vice-Presidents. Harvey Campbell was re-elected Executive Vice President. He has been with the Board of Commerce for 37 years.

STANLEY A. BOHINC, of 124 Muir Rd., Grose Pointe Farms, has become an associate member of the Detroit Chapter, American Institute of Architects.

Bohinc received his professional education at the University of Michigan. He has been employed in architectural offices in the Detroit area since 1956. He presently is employed as an architectural draftsman with Austin Engineers of Detroit.

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Panel Walls, Inc. 955 Proprietors Rd. Box 259 — Worthington, O.
Mich. Cent. Concrete Prod. 1235 Hoyt, S.E.—Grand Rapids
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**MSU Oakland Campus**

WILLIAM W. LYMAN, JR., A.I.A., represented Swanson Associates, Inc., at ground-breaking ceremonies of Michigan State University's first unit of its Oakland Campus, in Rochester, M24, May 3. J. Robert F. Swanson, head of the firm of architects for the project, was out of the country.

The $2,000,000 building will be constructed with funds donated by Mr. and Mrs. Alfred G. Wilson, who also donated their 1400 acre Meadowbrook Farms estate to the University.

The building will consist of 40 class rooms, science laboratories, lecture rooms, library, staff and administrative offices, student lounge and service facilities. J. A. Freedman, Inc., of Pontiac, Mich. are the general contractors and construction is already under way.

Harold A. Fitzgerald, publisher of the Pontiac Press, presided as Chairman of the ground-breaking ceremonies. Others taking part included Mr. and Mrs. Wilson; Dr. John A. Hannah, President of Michigan State University; Dr. Durward B. Varner, Vice President in charge of the University's off-campus education; Members of the State Board of Agriculture, State Senators and members of the University's Oakland Foundation. Dr. Hannah announced that the building is expected to be ready to receive its first freshman class in September, 1959.

**School Conference**

THE FOURTH ANNUAL CONFERENCE ON SCHOOL PLANT PLANNING will be held in the College of Education building, Michigan State University, East Lansing, July 25, 1958.

Planned for architects, educators and school board members, the Conference is sponsored jointly by the College in cooperation with the Michigan Society of Architects, the State Department of Public Instruction, Michigan School Boards Association, Michigan Education Association, Michigan Association of School Administrators, and the University's Continuing Education Service.

Principal speaker will be Donald Barthelme, A.I.A., of Houston, Texas, distinguished architect and recipient of awards for his school buildings.

Floyd G. Parker, Conference Coordinator, states that there will be opportunity for audience participation in a variety of clinics on school program, facilities, finance and other related subjects.

Further information, including advance registration forms and complete program, may be obtained from Mr. Parker at the College of Education building, MSU, East Lansing.

**June '58 Monthly Bulletin**
CORRECTION — PROFESSOR WILFRID C. POLKINGHORNE, of the Michigan College of Mining and Technology, Houghton, Michigan, is the new Chairman of the Michigan State Board of Registration for Architects, Professional Engineers and Land Surveyors.

In our April issue we stated, incorrectly, that Robert B. Frantz, F.A.I.A., of Saginaw was the new Chairman. Mr. Frantz was just succeeded by Prof. Polkingtonhorne. Otherwise the item was correct—Bennett is Vice Chairman; Hughes, Secretary; Groehn, Executive Secretary; Mrs. Burger, Accountant-Bookkeeper.

Let this be a lesson to you, Hughes.

ROBERT W. STINE, of 21910 Bradford Ct., St. Clair Shores, has become an associate member of the Detroit Chapter, American Institute of Architects.

Stine a native of Detroit received his professional education at Lawrence Institute of Technology. He is presently associated with Clifford N. Wright, Architect, and Associates, of Detroit.

SITUATION WANTED — Architect. 42, graduate of U. of Pa. & MIT, registered 4 states and by NCARB, member AIA, 20 years experience, institutional, commercial, residential, desires association or partnership. Willing to relocate. Box No. 173.

SITUATION WANTED — Construction Superintendent and Project Manager with 30 years experience in all phases of light and heavy construction, available on reasonable notice for responsible position in the Detroit area.—ERNST E. MENTER, 1685 North River Rd., St. Clair, Mich.

Gordon A. Sheill

Gordon Ammon Sheill, prominent architect, of Detroit and Royal Oak, died in Harper Hospital, Detroit, on May 3. He was 57 years of age.

Born March 19, 1901, in Akron, Ohio, he was educated there, in Detroit schools and at the University of Michigan, College of Architecture and Design, where he received his bachelor of architectural engineering in 1924. He became registered as an architect in Michigan in 1936, was engaged by leading architectural offices in the Detroit area, and in his own practice. At the time of his death, he was with George D. Mason & Company, Architects, of Detroit.

In 1939 Mr. Sheill was plaintiff in a court case in Sanilac County, Michigan, in which it was ruled that his A.I.A. Standard Form of Contract between owner and architect was invalid because it provided that the architect was to draw up contracts between owner and con-
William E. (Jack) Rose, District Manager for Penn Metal Company, Inc., in Detroit, died in Oakland Hospital, Dearborn, Mich., on May 3. He was 65.

Mr. Rose, who was born in Cleveland, Ohio, came to Detroit at an early age, and he had represented the Penn Metal Company here for the past 20 years, during which time he made many friends among the architects and in the building industry. His offices were at 120 Madison Avenue in Detroit.

Surviving are his wife, Mary; a son, Kenneth Rose; a daughter, Mrs. Olu Mae Barker, and four grandchildren. The family home is at 3350 Wicassett, Dearborn.

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THE WOMEN’S ARCHITECTURAL LEAGUE of Detroit is planning one of its most comprehensive programs in years.

New officers for the 1958-1959 season are Mrs. LaVern James Nelsen, president; Mrs. Allan George Agree, vice president; Mrs. Hurless Edward Bankes, secretary and Mrs. Frederick John Schoettley, treasurer.

Committee chairmen for the various activities are Mrs. William Henry Odell, historian; Mrs. Joseph William Leinweber, parliamentarian; Mrs. James Barr Morison, projects; Mrs. Amedeo Leone, social; Mrs. Frederick William Fuger, membership; Mrs. Gerald George Diehl, telephone.

Heading the program committee is Mrs. Augusto Bini with Mrs. Ralph Warner Hammett as co-chairman.

Mrs. Edwin Francis Noth is in charge of publicity; Mrs. C. H. Carlisle Wilson, courtesy; Mrs. Carl August Scheuttler, yearbook; Mrs. Allan George Agree, convention chairman and Mrs. Ernest James Dellar co-chairman; Mrs. Hurless Edward Bankes, registration; Mrs. Frederick Jean Baptiste Sevald, Jr., May social party.

The Mackinac Island Midsummer Conference at Grand Hotel will have Mrs. LaVern James Nelsen as chairman for the ladies’ activities and Mrs. James Barr Morison as co-chairman.
Ecclesiastical Arts Guild

Gerald G. Diehl (left) president of the Detroit Chapter of the American Institute of Architects and Louis G. Redstone (right) jury chairman, view Raymond Breinin’s oil painting “The Prophetic Vision” which won the Ecclesiastical Arts Guild best-of-show award at the eighth annual exhibition held in Detroit during May.

THE ECCLESIASTICAL ARTS GUILD held its eighth annual exhibition of contemporary religious art May 12 to 24 in the galleries of the J. L. Hudson Company, Detroit.

Forty-five pieces were on view during the show. Among them three wood-carved Crucifixes by T. C. Knechtges which won the C. Allen Harlan award in sculpture; an oil painting “Crown of Thorns” by Matthew Lasinski which received the Lewis Art Supply Co. award; “St. Mark” a mosaic by Edgar Yaeger which won the C. Allen Harlan award in crafts and “Holy Family” a ceramic inlay in cement by Florence Gray which received the Anthony Motschall award.

Honorable Mention went to John Van Haren for his silver-crafted holy water font; Ann Dann for her oil painting “Bar Mitzvah”; Jeanne Heiberg for her embroidered and appliqued wall hanging “Epiphany Drape”; and to Pem Dixon for her oil painting “David”.

Gerald G. Diehl, president of the Detroit Chapter, A.I.A., was chairman of the exhibition. Architect Louis G. Redstone of the Allied Arts Committee, served on the jury of awards with William Woolfenden, curator of education at the Detroit Institute of Arts.

Both Diehl and Redstone feel that the architect has a responsibility to encourage a fresh vital expression of the allied arts in this long forgotten religious theme.

Golf League

GOLF TOURNAMENT SCHEDULE
June 10—Orchard Lake Country Club—Bloomfield Hills
July 15—Western Golf & Country Club—Detroit
August 12—Lochmoor Club—Grosse Pointe
September 9—Plum Hollow Golf Club—Detroit
October 14—Dearborn Country Club—Dearborn
Sixth Annual Dinner Dance—(Date and Place to be announced later)

TEAM RECORDS
FOR '57 - '58 SEASON

HIGH TEAM SERIES:
1. Giffels & Rossetti 2997-2890
2. Smith, Hinchman & Grylls 2896
3. Robert J. Davis 2880

HIGH TEAM SINGLES:
1. Lester H. Davies 1061-1040
2. Robert J. Davis 1032
3. Smith, Hinchman & Grylls 1029

INDIVIDUAL RECORDS
FOR '57 - '58 SEASON

HIGH INDIVIDUAL SERIES:
1. Bruce Wardwell 703
2. Robert Gustafson 686
3. Jimmy DuRoss 672
4. Eddie Zajdel 653

HIGH INDIVIDUAL SINGLES:
1. Jimmy DuRoss 268
2. Eddie Zajdel 258
3. Bob Larsen 257
4. Tom Moore 256
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American Can Company
American Radiator Standard
Sanitary Corporation
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Ohio Plate Glass Co.
Armstrong Cork Company
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Conegloe-Nalin, Inc.
Cupples Products Corp.
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Dow Chemical Co.
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Eugene Hannum. Vice President
G. Frederick Muller, President
C. Russell Wentworth, Secretary
E. Burton Wolf & Associates
Mr. Louis T. Ollesheimer
Mr. Paul R. Marshall

ASSOCIATED MEMBERS

American Gas Association
Michigan Consolidated Gas Co.

HONORARY MEMBERS

Mr. Paul B. Marshall
Mr. Louis T. Ollesheimer

At a recent Producers' cocktail party are shown (front row) left to right: Ernie Baker, Charles Trambauer, Norm Stebbins, Ted Seemeyer, Bill Snare and Russ Wentworth. Middle rear: Gene Hannum.

HARDWARE AND HOLLOW METAL DOORS AND FRAMES

By DONALD D. BURFORD

For the Architect who specifies Hollow Metal Doors and Frames, and Hardware, there is no end of worry to him, and expense to the Contractor, when the job is held up due to these two trades not in agreement to whether their products will "coordinate." There are good points of argument for both of these Trades on their differences. We will not attempt to referee.

Do however believe that to relieve this situation one Trade or the other should assume complete responsibility for all this material. There are hollow metal door manufacturers today who have a PACKAGE door available, and take complete responsibility for the hardware, which they also supply. This is very satisfactory on certain projects when their "standard" hardware is acceptable.

Another system available would be manufacturing a good hollow metal door and frame in the different "gauges" to meet the job conditions, and supplying it with the hardware that the Architect or the owner specifies. With this combination the Architect and General Contractor will have eliminated "split" responsibility between these two trades and will at the same time receive the type of hardware desired.

In lieu of a "PACKAGE" where the Architect must accept the hardware from only one manufacturer, the ideal situation would be a FLEXIBLE PACKAGE arrangement. Thus the manufacturer's hardware specified by the Architect would be supplied. The Moscrip Hardware Co., Lima, Ohio combined with United Steel Fabricators hollow metal doors and frames, have achieved the reality of eliminating "split" responsibility. The Moscrip Hardware Co. are responsible for the specifications for hollow metal doors, frames and complete hardware schedule. Their doors are equipped with heavy duty or standard duty locks as manufactured by Sargent, Schlage, Yale and Towne, Corbin, and Best-Universal locks. Surface panels, either Van-Duprin or Sargent are used. Norton or L. C. N. Closers, Glynn-Johnson stops and holders and companion hardware from Brookline, Cipco, Detroit Hardware and others, are typical of the flexibility of selections available.

Over 100,000 openings, installed with Moscrip standards and service are proving these facts today. Here is a sure-fire service to end your opening equipment problems—from specifications to final inspection and approval.
THE PRODUCERS' GOLF OUTING AND DINNER in honor of past presidents of the organization will take place Monday, June 9, at the Farmington Country Club, 12 Mile and Haggerty Roads, Farmington, Michigan.

Golf begins at 2 p.m. and dinner at 8 p.m.

Anthony Kross is chairman of the event and is being ably assisted by Charles J. Mock and Charles W. Burrows on arrangements.

The Farmington Country Club golf course is considered one of the finest in the Detroit area and a large turnout for the event is expected.

VERMICULITE — CONSTRUCTION WEIGHT AND COST SAVER

By E. L. Williams
Zonolite Company

Raw vermiculite ore, a mica-like mineral, is converted into expanded lightweight bagged products, including loose fill insulation, plaster and concrete aggregates, and acoustical plastic.

The significant growth in the use of this material occurred after the discovery, during World War II, of vermiculite's unique fireproofing characteristics. A shortage of conventional materials forced the architects on the Mercantile Bank Building in Dallas, Texas to seek a steel-saving substitute in their plan. It was discovered that lath and plaster fireproofing with vermiculite plaster would save enough weight to reduce steel costs $235,000. An entire new concept in lightweight fireproofing was ushered in. Today the mineral is employed in fireproofing a majority of multi-story commercial buildings.

Vermiculite, with its fireproofing and insulating properties, found a ready place in roof construction during World War II also, when government officials sought a roof material for the Pentagon Building that would reduce the potentially threat of incendiary bombs on public buildings.

Roof decks and roof insulation today make up one of the principal outlets for vermiculite. Recent installations in Michigan include the Chevrolet plant in Flint, Michigan, 1,000,000 square feet of Zonolite concrete over galvanized metal decking; and the Kroger Warehouse, 650,000 sq. ft. in Detroit, one of many completed for this prominent firm.

SPACE SAVING CONSTRUCTION

By WILLIAM COMMONS

A new cost-saving dimension has been added to Robertson Q-Floor. This new feature, called Q-Air Floor, is a dual duct, high velocity heating and air conditioning distribution system that requires no secondary ducts to be suspended below the structural framing. Structural floor units themselves are converted into air ducts for the air conditioning contractor. Ceiling to floor dimensions are reduced by 8 to 6 inches, thus permitting a bonus of at least one extra story in a typical 20-story building. This saving in the space between floors, along with the resulting reduction in building height, can effect an over-all saving of 5% because of reduced dead weight, foundation, wall building material, stairs, elevators and all vertical mechanical needs.

In addition to this initial economy of installation, Q-Air Floor is more economical to operate over the years than the conventional dual duct system. Its unique seasonal change-over design saves 40% of power cost... and the reduced cubage means less space to heat and cool.

This construction provides a trio of advantages... load bearing cellular steel sub floor construction... maximum electrical availability... economical air conditioning.
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Here's a completely assembled entrance featuring Desco's famous replaceable parts door. And, it has a Rixson 225 closer, entirely concealed in a head rail just 3" deep. The unit comes ready for installation, with frame, door and closer mounted in position.

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RALPH L. MCKENZIE, designer and advertising manager of Flour City Ornamental Iron Company of Minneapolis, Minnesota has been elected president of the Metal Curtain Wall Division of the National Association of Architectural Metal Manufacturers, during their annual convention held at the Shamrock Hotel in Houston, Texas.

Mr. McKenzie succeeds Fred O. Rippel, past president, who continues as director of the Curtain Wall Division of NAAMM.

J. M. Roehm, director of research and development for Kawneer Co., Niles, Michigan was elected vice president of the Division.

“Destination - Profitable Operations” was the theme selected by the Crawford Door Company for its Tenth National Distributor Sales Conference held recently in Detroit.

The tightly-scheduled two days Conference — attended by more than 100 Crawford distributor personnel, was keyed to this theme from the opening talk by R. A. Hackathorn, president of the company through the closing “hard sell” talk delivered by L. F. Van Nortwick, general sales manager. Van Nortwick also discussed Crawford’s revitalized distribution policy and sales agreement, 1957 sales performance, 1958 objectives and the specifics of the door market as detailed in a market study and forecast compiled for the Crawford Door Company by the U. S. Economics Corporation.

Highlight of the Conference was the New Products Exposition held at Crawford’s Hoover Road plant. Among the many new products featured were: Marvel-Lucent plastic panel door offering designers patterns, decorators colors, practical translucence; premium quality, low-cost Vanguard series in both residential and industrial models; Marvel-Life all-aluminum commercial-industrial door, ideally suited for service station installation and the new Crawford Mainline series of industrial door operators.

NEWEST THING IN ENTRANCES is this door and side light construction recently introduced by Desco Metals Co., Detroit. Standard width door efficiently handles normal flow of pedestrian traffic. The apparently solid side light functions as a rigid installation for day to day use. It can, however, be unlatched and swung as a second door when an unusual demand for extra clearance occurs. Illustrated is the renovation of a Detroit office building. SWide-Lite is equally suitable for use with any standard, modular wall opening in new building construction.

ANSWERS TO LITEWALL QUIZ:
(See Inside Front Cover)

1. 53.40
2. 5175.00
3. 10,000,000 P. S. I.
4. France 1852
5. 3' 6"
6. 41/2'
7. 4 times
8. 510 20
9. 5
10. Alumilite
A MASONRY INSTITUTE to provide information and education on all phases of masonry construction to architects, builders and the general public has been established by the Detroit Mason Contractors Association.

Co-chairmen of the new Institute are James R. Snyder, president of the Detroit Mason Contractors Association, and Robert M. Bonus, president of Hay-Con Tile Co. In addition to mason contractors, suppliers of brick, block, stone, tile, mortar and other masonry supplies and equipment are represented in the Institute.

Activities in which the Institute will engage include:

- Developing standard specifications for masonry construction.
- Developing average cost indexes for all phases of masonry.
- Developing a code of good practice in masonry construction and a seal of approval.
- Maintenance of a masonry idea file for architects and builders.
- An information service to provide data on new masonry materials, new applications and new techniques.
- A technical advisory service to consult on architectural detailing of masonry construction and modular coordination.
- A speaker’s bureau to present technical panels at architects’ meetings.
- Publication of case histories of outstanding design in masonry or interesting uses of masonry.
- Contests to encourage outstanding design and craftsmanship in masonry.
- An information service to provide data on new masonry materials, new applications and new techniques.
- A technical advisory service to consult on architectural detailing of masonry construction and modular coordination.
- A speaker’s bureau to present technical panels at architects’ meetings.
- Publication of case histories of outstanding design in masonry or interesting uses of masonry.
- Activities of the Masonry Institute will be directed by four standing committees. The committees and their co-chairmen are:
  - Job Survey: Donald E. Forest, Frederic B. Stevens Co.; Raymond Kanfer, Kanfer Construction Co.
  - Project: John Knecht, Horn Fuel and Supply Co.; Leo J. Vandervennet, Leo Vandervennet & Sons.

The firm of Saul Shiefman & Associates has been retained as public relations counsel.

"The Masonry Institute was established to serve architects and the general public with information which will contribute to apt and imaginative building applications," state co-chairmen Snyder and Bonus.

"Research and technical improvements," they add, "have enlarged the range of masonry applications until it is today one of the most modern and most versatile of building methods. New masonry techniques and new materials such as concrete and lightweight aggregate block, glazed brick, the SCR brick and colorful masonry paints, give abundant scope to the architect's imagination. Mechanization has increased the productivity of bricklayers and masons.

"The history of architecture in Western civilization has been to a large extent a history of masonry construction, evolving from the sun-dried brick city walls and towers of ancient Jericho and Sumer and the brick aqueducts of the Romans, still standing, to the masonry-pierced grilles which have been the center of attraction at the American exhibit in the Brussels' Fair.
SCHULTZ ELECTRICAL SERVICE of Pontiac, Michigan have moved into their modern, new building at 1545 North Opdyke Road. With greatly expanded shop and warehouse facilities they give the ultimate in service on new construction (Institutional, Industrial, Commercial and Residential) as well as providing 24-hour maintenance facilities.

The Schultz Electrical Service has served architects and owners in Pontiac and throughout Michigan since 1943, under its present management, from their former address on Clive Street. Their telephone numbers are: Federal 2-0061 and 4-9288.

THE ARMSTRONG CORK COMPANY is sponsoring a series of acoustical informational dinner-meetings for architects in the lower Michigan area during the month of June. The schedule is as follows: Monday, June 16, at the Toledo Club, Toledo, Ohio; Tuesday, June 17, at Hotel Fort Shelby, Detroit; Wednesday, June 18, at Hotel Durant, Flint, Michigan; and Thursday, June 19, at Inmans, Kalamazoo-Battle Creek, Michigan. All dinners-meetings start at 6 p.m. with cocktails.

How Interior Decorators Can Cooperate with Architects

By GAY YANKEE, A.I.D.

I have had the pleasure of working with many architects. I have often seen their vision transplanted from the drawing board to physical reality. And I have also seen much of the interior beauty of their concept marred by faulty ideas of interior decoration.

It became apparent to me some time ago that to secure perfect coordination in a residence, office, showroom or store, the interior decorator must understand, to some extent at least, what the architect had in mind in any given job and then carry his vision or ideas right through the interior decorations. If the interior decorator does grasp the architect's perception and coordinates the interior decor with it, the result is one of unusual harmony and fitness.

Undoubtedly you, at one time or another, have visited a newly-built home which seemed delightful from the outside but gave you a let-down feeling upon entering. You may not have been able to define it, the furnishings may have been costly, the color scheme very attractive, but somehow there was something not quite right. What really had happened, in the majority of cases, is that the architect's idea of the home had not been perceived by the interior decorator, who more often than not has his own definite ideas of what the home should look like. The result is that two different concepts have been brought into play and while both may have been excellent, there is a lack of complete coordination. Thus it is easily seen how important it is for the interior decorator to grasp the architect's viewpoint and to fit herself into his perspective enough to produce the complete effect.

I have found in this way that I have projected my finest work and it is a secret I gladly share.

Editor's Note: The Gay Yankee studio is located at 378 East Maple Road, Birmingham, Mich. The phone number is Midwest 6-2527. Gay Yankee will personally be glad to discuss her plan of coordination with architects.

NEW WOOD FOLDING DOOR BY MODERNFOLD—A new, all-wood folding door has been introduced by New Castle Products, Inc., manufacturers of MODERNFOLD folding doors.

The new door features six inch wide panels made of choice veneers laminated to a solid core. This exclusive construction provides exceptional stability and extremely handsome appearance—even in the larger sizes.

Panels are joined by tough, vinyl hinges that are securely locked in place. The vinyl hinges are non-load bearing—separate steel hinges at the top of each panel carry the full lateral weight when the door is extended, assuring smooth, trouble-free operation.

Nylon trolleys—four at the top of the lead post, two at the top of every other full panel—carry the door effortlessly in a heavy-gauge, steel head track—no dirt-catching flood track is required.

MODERNFOLD'S new wood folding doors—called the "Woodmaster line"—are available in a variety of popular veneers, and in sizes to fit both standard and custom openings. For further information contact Modernfold Door Sales Co. of Detroit.
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- **Hardwood Frame** for durability, low sound transmission, and pleasing appearance.
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- **Spun Glass** 1½" of spun glass on each side of floated sound barrier center creates acoustical core with Noise Reduction Coefficient of .85.
- **Sound Barrier Center** blocks transmission of sound, floats in acoustical spun glass.
- **Braces** for added strength and rigidity.
- **Concealed Air Flow Space** allows draft-free circulation. For even greater air circulation open base partitions available at no extra cost.
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- **Beveled End** allows room for quarter-round when partition butts against wall; permits entry of wires and conduit.

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<td>700 Griswold Bldg.</td>
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In Nathan Ausebel's "Treasure of Jewish Folklore" appears the story of a famous preacher of Dubno whose driver stopped enroute to a lecture and said, "Rabbi, do me a favor. For once I'd like to be the one receiving all the attention, to see what it feels like. For this one engagement, exchange clothes with me. You be the driver and let me be the rabbi."

The preacher, a merry and generous soul, laughed and said, "All right—but remember, clothes don't make the rabbi. If you're asked to explain some difficult passage of the law, see that you don't make a fool of yourself."

The exchange was effected. Upon arrival at their destination, the bogus rabbi was received with tumultuous enthusiasm, and obviously loved every arrival at their destination, the bogus preacher of Dubno, "Driver come here plain it to you." Then he called to the chauffeur of Dubno whose driver thundered. Is this the most difficult question was put to him. "A fine lot of scholars you are," he said, "when necessary he could turn another side of himself. Book-borrowing was the bone of his existence. He once said, "Most of my friends are good book-keepers." At another time he declared that his main reason for visiting certain friends was to look over his own library.

At a dinner party given in his honor by Lady Blessingame, a very frivolous society beauty, his hostess professed to be a great admirer of his work and insisted that books written by Scott were her best friends. Later she took Scott into her library and directed his attention to a set of his Waverly novels. Noticing that the edition was an early one, she pulled out one of the volumes. On finding that the pages were not cut, she said, "Now I understand, my lady, why you call my books your best friends. You do not cut them."

RANDY WILLIAMS OF MACMILLAN, says selling books requires ingenuity rather than a lot of equipment, as he explains how this company made "The Secretary's Handbook," a best-seller:

"There was no such thing as a list of private secretaries," he says, "so we acquired the next-best thing—a list of important executives who certainly had at least one secretary, and to each of these we addressed a letter with the slogan, "Don't Fire Your Secretary!" Emblazoned on the envelope. Of course, nine out of ten secretaries tore open the envelope themselves to see what was inside. What they found was so glowing a tribute to "The Secretary's Handbook," they insured themselves against being fired by ordering copies immediately."

HORACE GREELEY, who was as famed for his hot temper as for the excellent way he edited the "New York Tribune," also was the possessor of the most indecipherable handwriting. It is said that when he once wrote a note of dismissal for an unsatisfactory employee it was used in three illegitimate ways. First the young man presented it as a testimonial for another position and got himself accepted. Then, with the same letter, he obtained a prescription for some medicine from a chemist shop. Later he found that it was accepted as a free pass on the New York Central Railroad.

JOHN MASON BROWN took his two small sons to Washington during vacation, and they saw everything, including near-by Mount Vernon. Some months later Brown came across a picture of the historic building in a magazine and decided to determine how much the boys had gained from the trip. "Meredith," he said to the younger one, "do you know what place this is?"

"Don't be silly, pop," was the answer. Everyone knows it's Howard Johnson's."

ANDRE GIDE spent much of his early life in Paris, where a maiden aunt kept house for him. The home was a mecca for leading men and women in literature, but Gide had little use for the women. In fact his dislike of some of them continued even after their deaths. When asked by a friend to compose an epitaph for a famous actress, who—unbeknown to a friend—Gide hated, the first thing that came to mind was:

"Asleep alone at last."

CHARLES LAMB, even as a boy, had a superlative wit. His father took him to a cemetery to lay a wreath on the mother's grave. As Charles passed down the long avenues of graves, he read a few of the headstones.

"Please tell me, daddy," he asked, wonderstruck, "where do they bury all the naughty people?"
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In The News

Michigan
GEORGE H. MIEHLS, President of Albert Kahn Associated Architects and Engineers, Inc., of Detroit, was chosen to receive the Distinguished Alumnus Award of the College of Engineering Faculty of Ohio State University, for "Outstanding service in the profession of engineering and its allied fields."

Mr. Miehls received a similar honor when he was made an Honorary Membership in the Michigan Society of Architects in 1952, "in recognition of his distinguished service in the fields of engineering, building, and particularly to architecture and the allied arts."

New Jersey
PAUL DRAKE, A.I.A., past president of the New Jersey Society and the New Jersey Chapter, A.I.A., has been appointed to the State Board of Architects by Governor Meyner.

New York
EDWARD D. STONE, F.A.I.A., designer of the American Pavilion at the Brussels World's Fair and co-designer of the Museum of Modern Art, has been elected to life membership in the National Institute of Arts and Letters, the highest-ranking honor society of arts in the United States.

North Carolina
EDWARD W. WAUGH, A.I.A., Raleigh architect and planner, will return to the faculty of the School of Design at North Carolina State College, September 1st, as associate professor of architecture.

Illinois
DANIEL BRYANT, A.I.A. and Associates, architects and consultants have moved their offices to 721 North Michigan Ave., Chicago 11, Illinois. Telephone Whittall 3-2444.

Mr. Bryant, formerly of Michigan, is a graduate of the U. of M., College of Architecture & Design. He moved to Chicago in 1952.

CLEVELAND is a good place and July is a good time for the A.I.A.'s 90th Annual Convention. Seven-eleven should be lucky for all who attend. Cleveland Chapter is a live organization, the City has much of interest for architects, their families and friends, and the Chapter's Convention Committee, headed by Joe Ceruti, can be expected to do the expected.

July is the best time of the year in Cleveland, with cool lake breezes sweeping the City. For hotel reservations: AIA Cleveland Convention Bureau, Room 511, Terminal Tower Bldg.

Missouri
ROBERT P. WEATHERFORD, JR., A.I.A., of Independence, has filed as a Democratic candidate for Congress from Missouri's 4th district. He is completing his second term as mayor of Independence. As executive director of the Metropolitan Area Planning Council, he has worked for joint planning by governmental units in the six-county Kansas City area. There has not been an AIA member in the Congress since Frederick A. Mullenberg of the Philadelphia Chapter served a term from 1946-1948.

Pennsylvania
WILLARD S. HAHN, has been elected president of the newly formed Eastern Pennsylvania Chapter, A.I.A. Also elected were: Charles R. Haas, secretary, and Frederick R. Shanck, treasurer. The new chapter will include the Allentown, Reading, Bethlehem, and Easton areas.

Texas
MEXICAN ARCHITECTURE SEMINAR TOUR is being planned for next September, by T. H. Hewitt, 2413 Driscoll, Houston, Texas. The 13-day trip has been planned by Mr. Hewitt in past years also and has been most successful.

Architects and their wives will be entertained by The Mexican Society of Architects, as the visitors tour the many places of interest throughout Mexico. An illustrated folder about the tour may be obtained from Mr. Hewitt.

Delaware

HUBERT S. STIES, A.I.A. of the Du Pont Co., Wilmington, has been appointed to the State Board of Examiners and Registration of Architects, by Governor J. Caleb Boggs.

In Memoriam
MAITLAND BELKNAP, 68, at his home in Palm Beach, Florida, on April 9th.

IRVING BROOKS, 62, at his home in Brooklyn, N. Y., on April 5th.


WILLIAM D. FOSTER, A.I.A., 68, at his office in Washington, D.C., on April 3rd.

ROBERT M. HANNA, 46, in his home city of Dallas, Texas, on April 14th.

C. DAVID PERSINA, 68, in Washington, D.C. on April 10th. Mr. Persina was a resident of Arlington, Va.

ARTHUR N. ROBINSON, F.A.I.A., 71, at his home in Atlanta, Ga., on April 3rd.

HAROLD N. THOMAS, 50, at his home in Shawnee, Missouri, on April 3rd.

FRANK O. WITCHELL, 78, in his home city of Dallas, Texas on April 23rd.
HERBERT SOBEL, A.I.A.
Architect
Chicago, Illinois

BASKIN, clothing store, Oak Park, Illinois

This remodeling project has won an award by the joint organizations of the Chicago Chapter, A.I.A. and the Chicago Association of Commerce and Industry.

Upper left corner shows a "before" photograph of the exterior.

Below: Two interior views of the remodeled store.
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Parish House — Youth Center of the First Lutheran Church, Bemidji, Minnesota. Photos above show exterior and main entrance lobby.
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DYKSTRA HALL is the first of eight men's residence buildings to be built on the campus of the University of California in Los Angeles. Construction has begun.

CLARK COUNTY COURT HOUSE, Las Vegas, Nevada. The general contract for the $3,433,052 building was $50,000 under the County's budget.

STUDENT UNION at the University of California in Los Angeles. Working drawings for the $5,000,000 structure are now under way.
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