

DECEMBER, 1954

Volume XII

No. 12

OHIO ARCHITECT



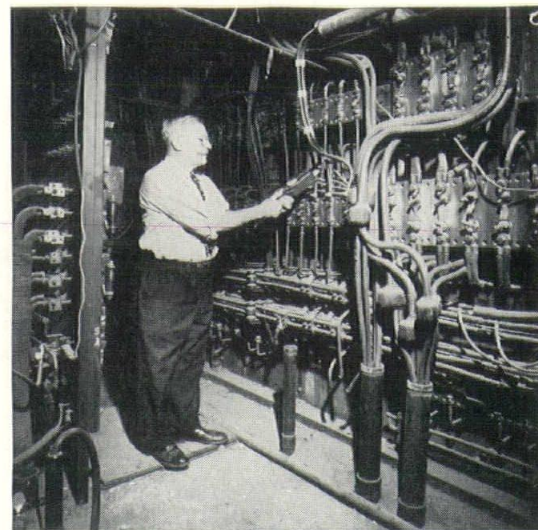
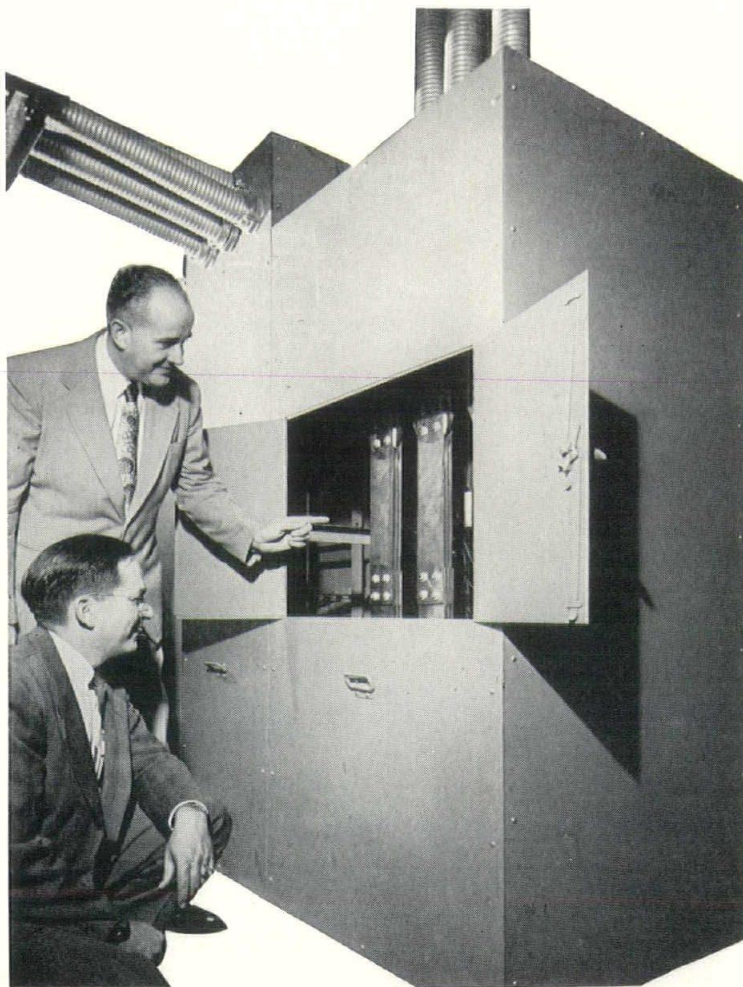
Joe Monroe

OFFICIAL PUBLICATION

**Architects Society
of Ohio**

AMERICAN INSTITUTE
OF ARCHITECTS

Mr. Harold D. Haur
Director of Public & Professional
The American Institute of Architects
1735 New York Avenue, N. W.
Washington 6, D.C.



JUNGLE of wires, cables, switches marks old power distribution center.

COMPACT, entirely enclosed new distribution center will eventually transmit three times the power of the old. Checking copper bus: Douglas F. Schofield, building manager (top), and CEI representative Carl Burmeister.

"MORE ELECTRICAL CAPACITY MEANS SATISFIED TENANTS, LESS TURNOVER,"

says Douglas F. Schofield, manager of the Schofield Building, one of Cleveland's best-known office buildings.

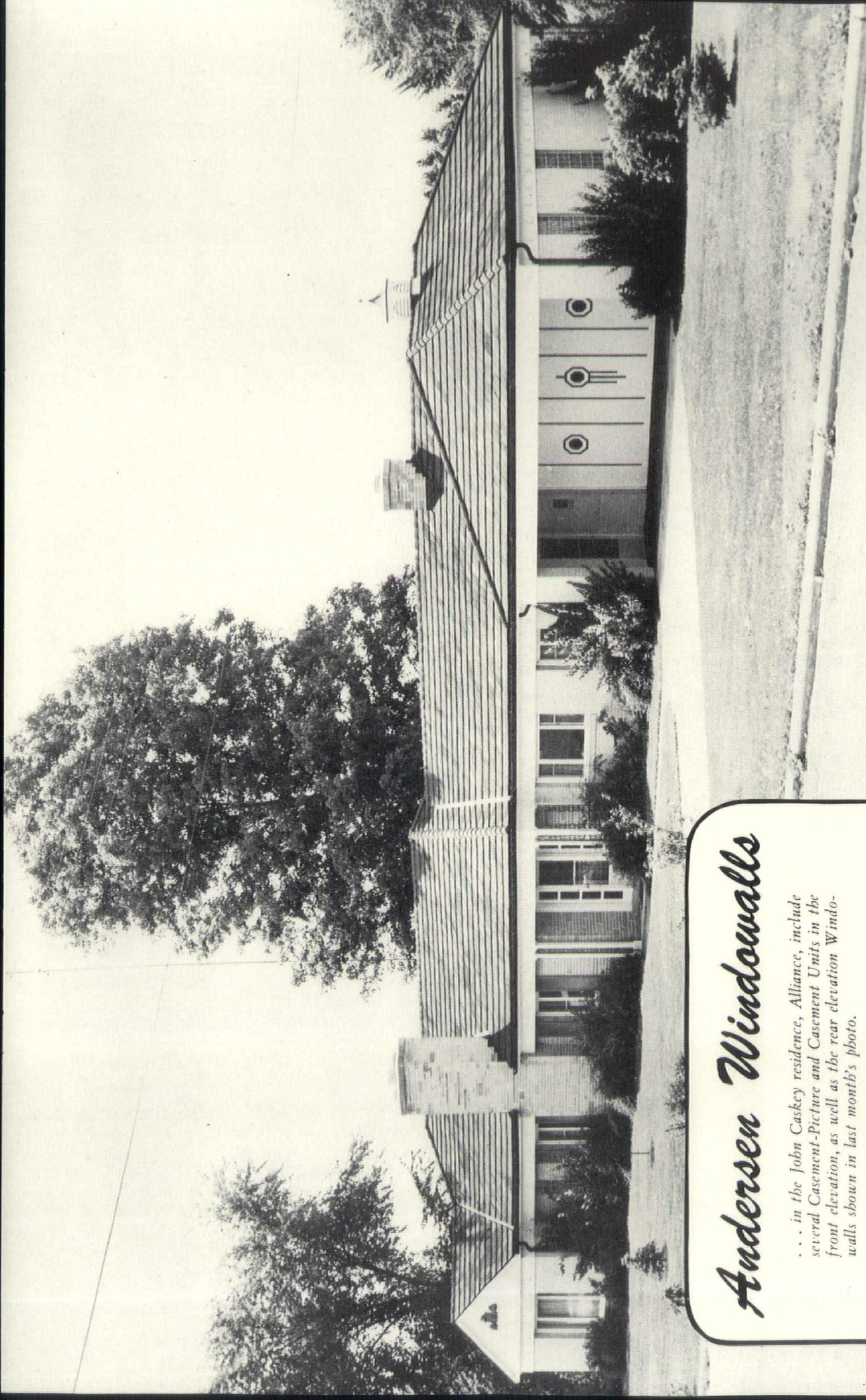
"We're tripling electrical capacity—increasing to 15 watts per square foot—at the Schofield Building for two reasons," Mr. Schofield reports.

"First, to catch up with demand. Our power consumption has more than doubled in the last ten years, pushed our electrical system to the limit. Result: we've had to turn down some prospective tenants, restrict use of electrical conveniences for present occupants.

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Andersen Windowalls

... in the John Caskey residence, Alliance, include several Casement-Picture and Casement Units in the front elevation, as well as the rear elevation Windowalls shown in last month's photo.

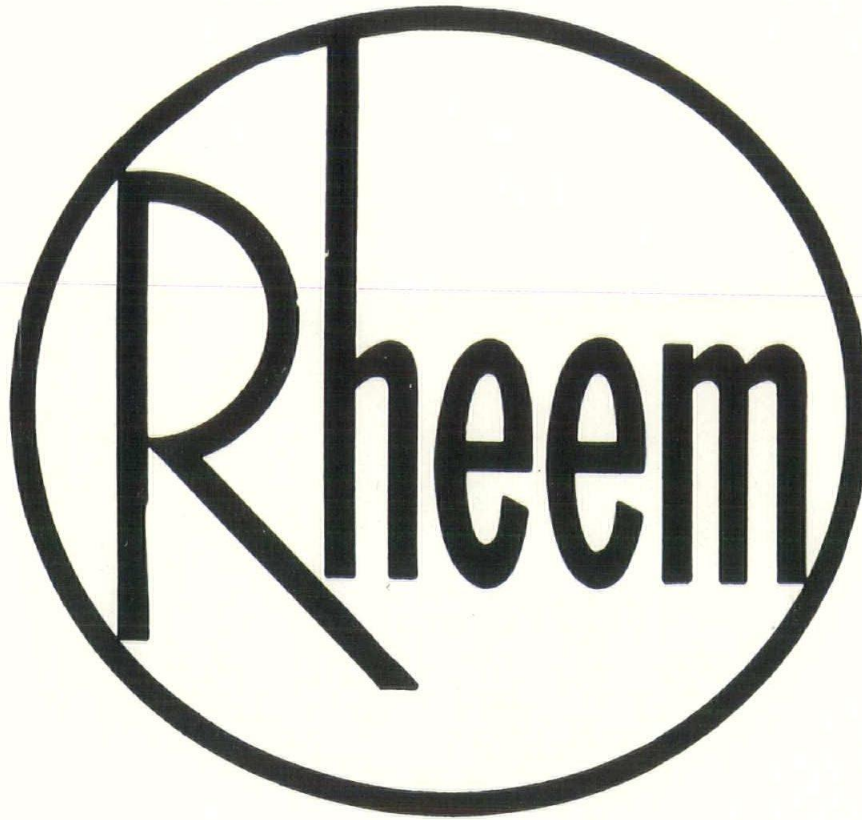
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Casement-Picture Installation

Richard N. Zuber, Architect

Rely On and Specify with Confidence . . .



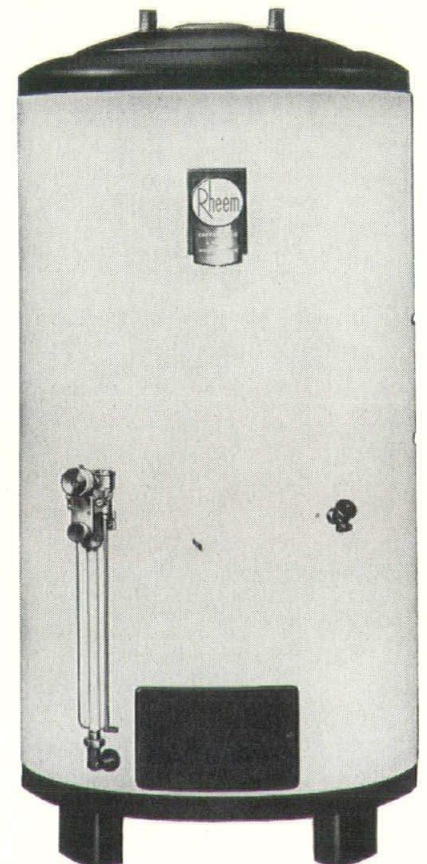
The New RHEEM Coppermatic Automatic GAS WATER HEATER

with its tank of pure copper inside a tank of steel — adding years of service and priced for popular demand. The costly high replacement rate for automatic storage water heaters, due to the natural corrosive action of pure water on most metals, is cut dramatically, by the revolutionary new Rheem COPPERMATIC water heater.

With a completely new design — a tank of pure copper inside a tank of steel resists water corrosion many years longer than ordinary heaters and stops rust completely.

A product of Rheem Manufacturing Company of New York City, world's largest manufacturer of automatic storage water heaters.

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This new Coppermatic Rheem water heater — with tank of solid copper inside tank of steel. Can't rust, crack or shatter. COPPER FOR LONG-LIFE—STEEL FOR STRENGTH



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OHIO ARCHITECT

DECEMBER, 1954

VOLUME XII

NUMBER 12

OFFICIAL PUBLICATION OF ARCHITECTS SOCIETY OF OHIO, INC.,
OF AMERICAN INSTITUTE OF ARCHITECTS

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COVER

This month's cover is that of St. Stephen's Episcopal Church, Columbus — Architects Brooks and Coddington, Columbus. This church is fast becoming internationally known. The architects have received a request from the United States Information Agency for permission to use information of it, for release to the over-seas information program. Also have had requests for photographs and working drawings from individuals in England, France, Italy and Australia. Time Magazine plans shortly to publicize this church. See article on pages 6-10.

Editorial Advisor Onnie Mankki, AIA
Official Photographer B. F. Denly

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Worley



Macelwane



Marr



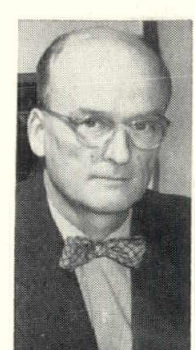
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St. Stephen's Episcopal Church

Location	30 West Woodruff Avenue Columbus, Ohio
Architects	Brooks and Coddington
Mechanical Engineers	Ralph and Curl
Acoustical Engineers	Bolt, Beranek and Newman
Landscape Architect	Charles R. Sutton
General Contractor	E. Elford and Son, Inc.

The Diocese envisioned the new church as the religious and social center for Episcopal students attending The Ohio State University and coincidentally serving as a parish for the families living in the area adjoining the campus.

Since the church was to serve as a religious educational supplement to the University activities it was important that it should be located conveniently to the campus. The original St. Stephen's church site on Woodruff avenue was located admirably. Two lots were purchased adjoining the church property to provide for the new building site. In accommodating a multitude of activities the following building requirements were provided:

1. Church to seat 400 people.
2. Church offices.
3. Parish House providing Sunday school room, dining facilities for 250 people, kitchen, chancel, robing rooms and rest rooms.
4. Student Center providing for the church library, collection, study room—lounge area with small kitchenette, cloak room and recreation area.
5. Rectory providing living quarters for the rector and family with guest accommodations (Rectory providing direct access to the Parish House has not been constructed).

The architectural solution is an attempt to provide a building with warmth of detail and so arranged as to be inviting to those who pass by. For this reason the church and parish house were located as near to street level as the site conditions would permit. For convenience the student center and church units were placed as near the street as practical.

In order that the church in particular would express the welcome accorded to those who would come with the south narthex wall was executed in clear glass. For more privacy, the parish house was arranged perpendicular to the street. Warmth has been introduced by opening the combination first floor Sunday school rooms and banquet hall into an interior court. For social events glass doors on the court side will allow the banquet hall to flow naturally into the landscaped garden. Privacy is maintained behind a cloister which joins the parish house to the church.

The structural severity of the nave has been tempered by a series of clear glass windows facing the same court and further softened by planting in alcove pockets within the window angles. A flood of welcoming natural light in the narthex diminishes down the nave to the choir. At the sanctuary and in contrast to the choir the altar is flooded with natural light from a hidden source by means of Luxfer Prism glass in the south wall of the tower.



JOE MONROE

JOE MONROE



The church service reaches every member of the congregation naturally and honestly without the aid of sound amplification. In the sanctuary and choir the building elements have been designed to reinforce both music and voice. In the nave and narthex the building elements have been designed to absorb the reinforced sound and prevent annoying echoes.

To insure the congregation complete comfort during the service, the heating system has been designed not only to provide a warm room, but also to prevent overheating so common to large assemblies. A radiant floor panel has been designed to carry the low temperature week-day load. On Sunday this panel will provide about half the heating load required. A unit ventilator provides the make-up load in warm air but more important it supplies fresh tempered air to prevent stagnation and over-heating during the latter part of the service. With the addition of a compressor the system will provide complete year-round air conditioning.

In designing the church the architects strived for true simplicity by integrating the building frame and skin with the practical problems of ventilation, thermal insulation and acoustics. The exposed frame, the masonry and window patterns formed by the acoustical requirements are simple, basic and logical expressions which give the building interest.



FOUNDATIONS CONSTRUCTION

Reinforced Concrete.

FRAMING CONSTRUCTION

Nave: Welded rigid steel bents, 9'-6" o.c.
Office: Bar joists on bearing walls.
Sunday School: Steel columns, bar joists on second floor and roof.
Student Center: Rigid steel bents 9'-6" o.c.
Bar joist floor construction.
Cross: Welded steel cantilevered from reinforced concrete foundation.

WALL CONSTRUCTION

Exterior Walls: 12" brick cavity wall filled with Zonolite insulating concrete (1:12 mix). Thoroseal moisture barrier on interior surface of exterior wythe. Interior partitions: Solid brick.

FLOOR CONSTRUCTION

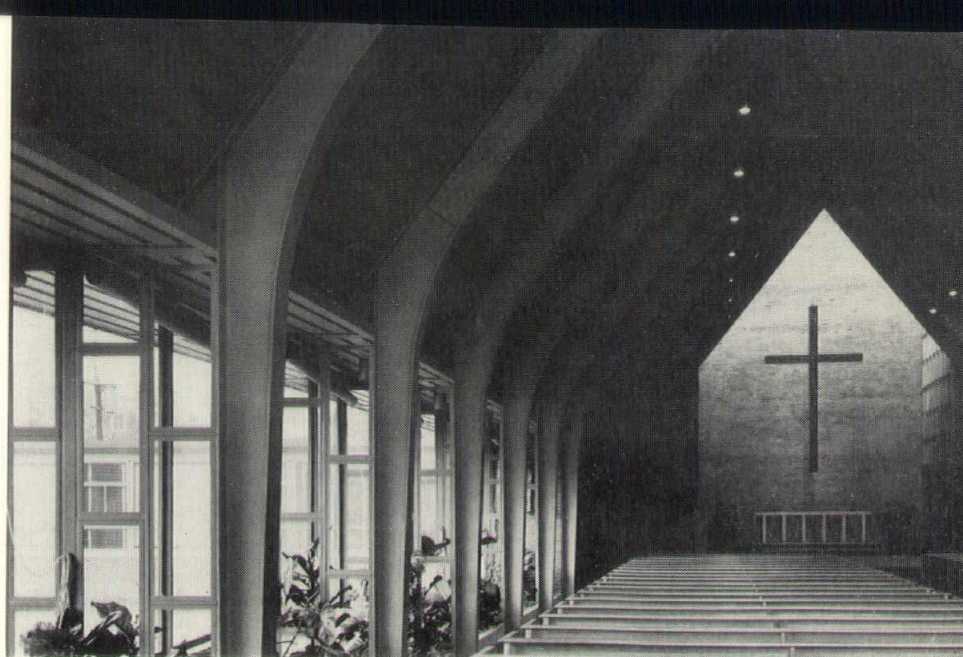
Floors On Grade: Two course concrete slabs. Finish slabs are radiant heating panels of monolithic colored concrete.
Floors Above Grade: Monolithic colored concrete radiant heating panels on Steeltex Floor Lath over steel bar joists.

ROOF CONSTRUCTION

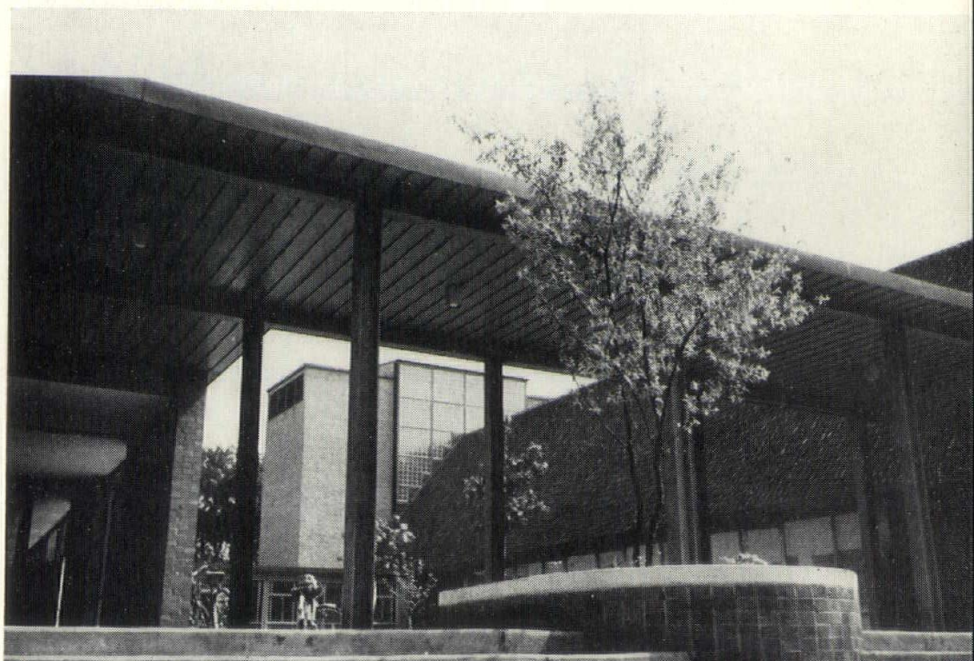
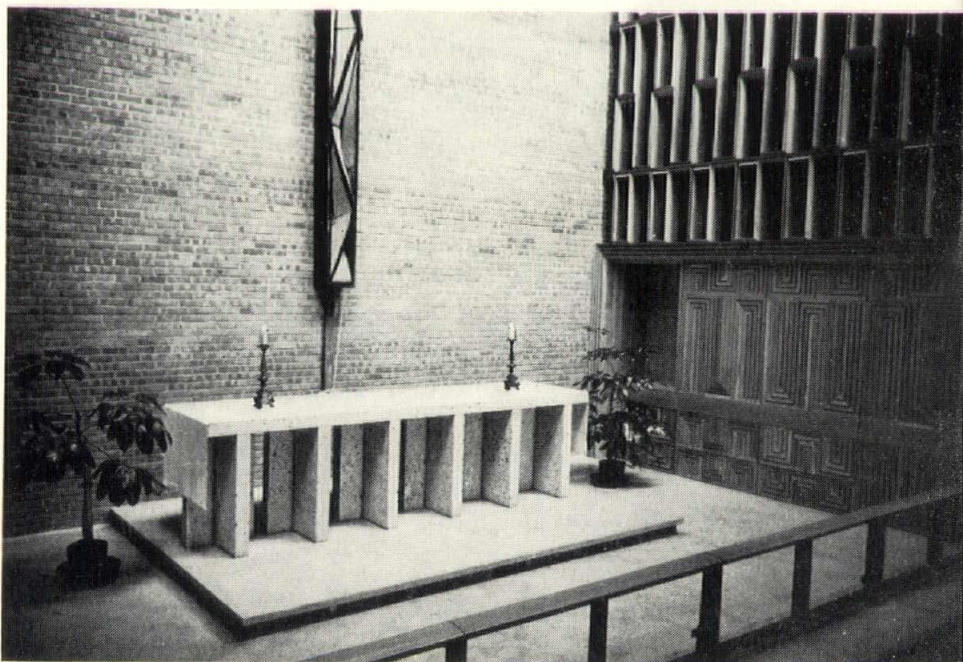
Flat Roofs: Monolithic Zonolite Concrete on Steeltex Floor Lath over steel bar joists. Twenty year bonded, built up roof of tar, felt and gravel. Steep Roofs: Specially detailed splined 3x6 wood decking spans 9'-6". Decking is attached directly to the rigid steel bents with Ramset nails. Structural deck was covered with one inch diagonal sheathing for lateral bracing and one inch of Fiber Glass sheathing board for thermal insulation. The latter was covered with sixty pound roofing felt and "Ludowici" Scandia Tile.
Flashings: Crimped copper.

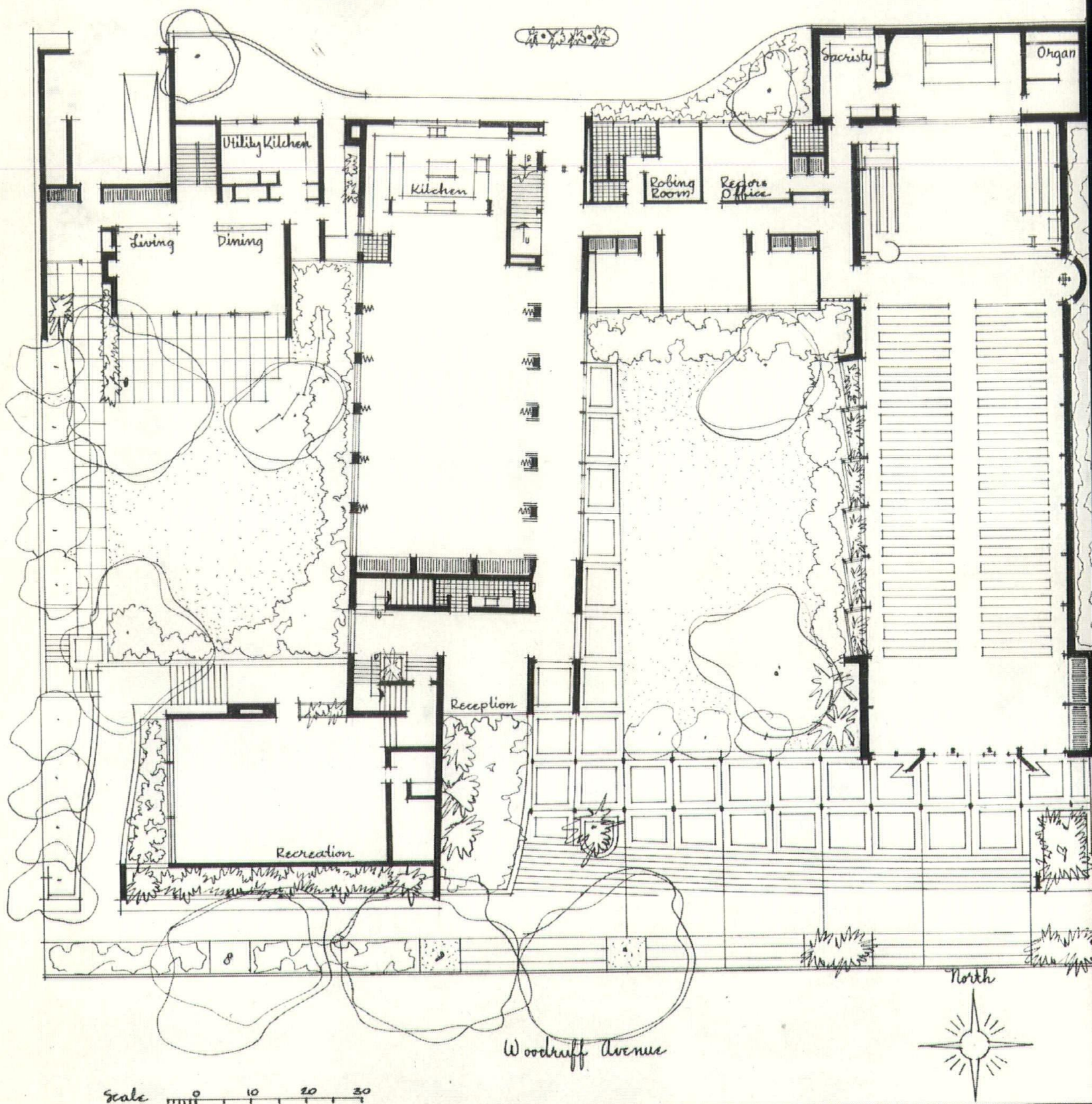
STAIRS

Reinforced concrete. Brick risers, monolithic colored concrete treads.

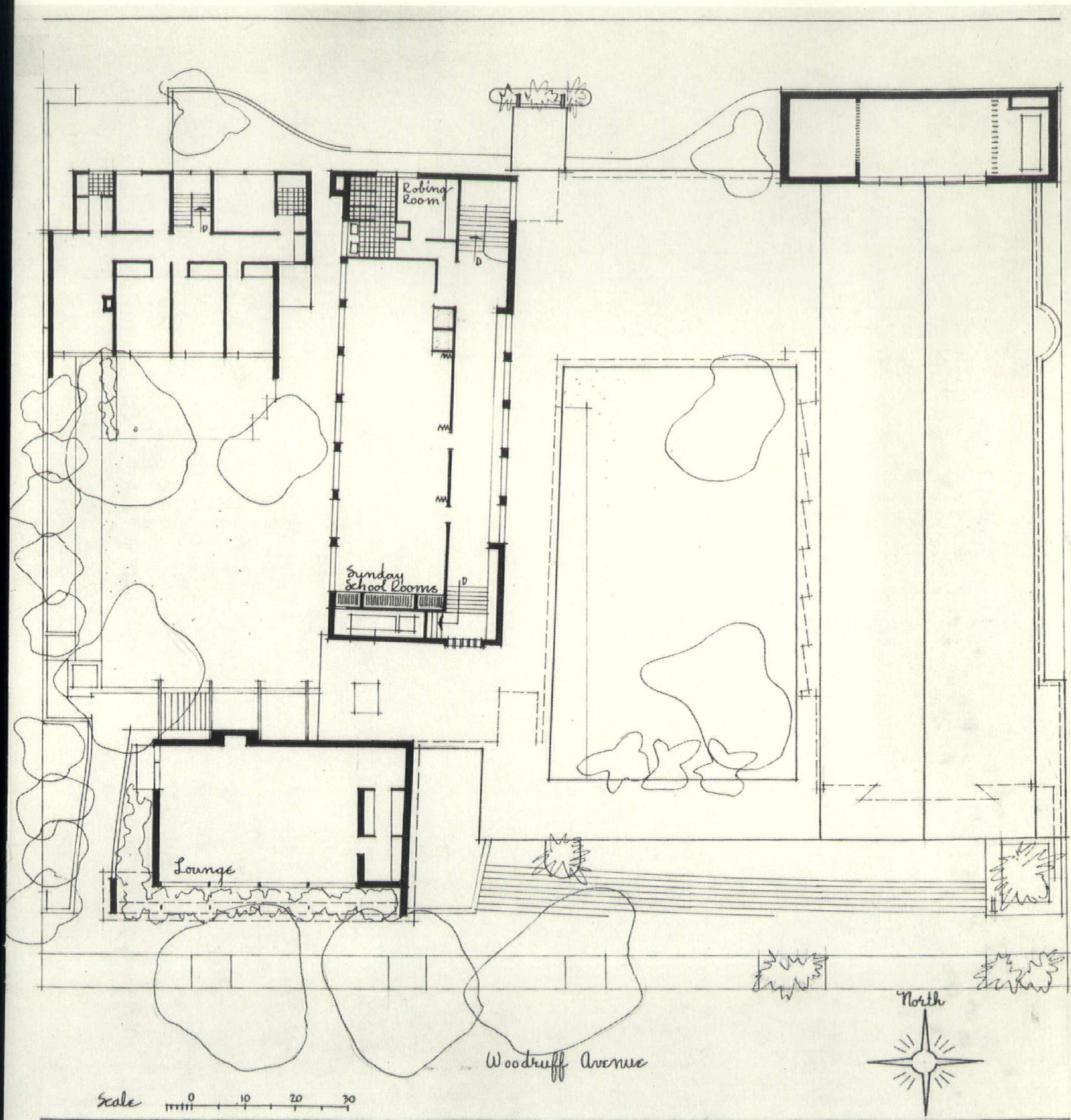


JOE MONROE





FIRST FLOOR PLAN



SECOND FLOOR PLAN

WINDOWS

Frames: Hope's intermediate projected steel sash.
Glazing: 1" Thermopane in fixed frames.
1/2" Thermopane in venting sash.
3/16" sheet glass in non-critical warm air conditioning area.
Glass Block: South stair landing 12x12.
Owens-Illinois Glass Co. Sanctuary Tower 9x9, American 3 Way Luxfer Prism Company.

DOORS

Exterior: Church, extruded aluminum and glass, by the Kawneer Company.
Parish House, steel aluminum and glass, by the Ellison Company.
Interior: Flush slab hollow core birch doors.

FLOOR FINISH

Church and first floor of Parish House, Vinyl asbestos tile. All other floors, integral colored concrete. Hydroment special color by Upco Company.

CEILING FINISH

Nave: Wood deck with special acoustic spline inserts.
Parish House: Acoustical plaster.

TRIM

Church: Appalachian white oak.
Parish House: Birch.

HARDWARE

Cast aluminum by Schlage Company.

FURNISHINGS

Pews, Choir Stalls, Pulpit: White Oak to architect's detail, by Leird Manufacturing Company, Little Rock, Arkansas.
Altar: Cordova Shell Limestone to architect's detail, by Texas Quarries, Inc.

UNUSUAL FEATURE

Church Entrance: Structural frame for entrance doors reinforced concrete, faced with Vitreous Venetian Mosaic tiles, by Casavan-Sarim, Italy.

HEATING

Forced Hot Water, gas fired steel boiler. Radiant floor panels through the building. Climate changer supplementing radiant panels in nave and Sunday-school areas. System may be converted to year round air conditioning by installing a refrigeration unit and by adding cooling coils to the Climate Changer.
Temperature controls and regulators by Johnson Service Company.

COST

\$430,000.00—Total cost excluding architect's fee, land, landscaping and furnishings.

VOLUME

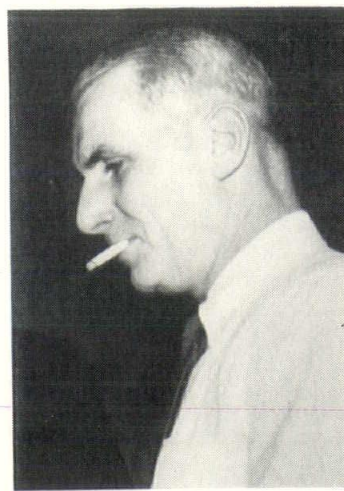
368,000 cu. ft.—Total cubic content including basement, boiler room, tunnels and foundations.

UNIT COST

\$1.17 per cubic foot. (1950 to 1953, construction period.)

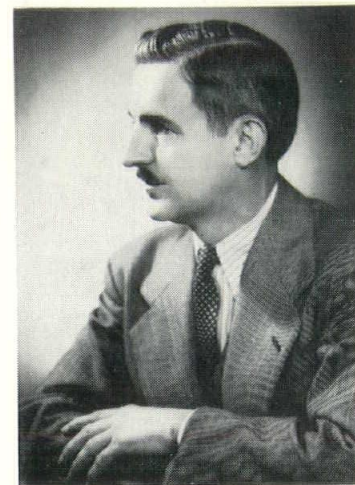
"Editor's Note—As Architectural Forum so well has said concerning this church and architects in their December 1953 issue and we quote "Until very recently the creed of modern architecture has received only lip service in most U. S. Church design. There has been substantial reason for this, the usual one, the clients. The congregation are the Medici of this age, and most of them have been undecided about architecture; they are likely to hide on Sunday morning behind sentimental images from the past.

But today it is possible to see the beginnings of an encouraging strength in U. S. church design. There is a new affirmation and confidence in recent designs. All in the serenely welcoming facade of the Ohio church."



Theodore W. Brooks
Architect

Attended Architectural Schools at Cornell University and Ohio State University



Gilbert H. Coddington AIA
Architect

Attended Architectural Schools at Columbia and Ohio State Universities

Some of the work which has been executed in this office:
Administration Building, Greenlawn Cemetery, Columbus, Ohio.
Architectural Consultant with the Jeffery Manufacturing Company, Columbus, Ohio, for Coal Preparation Plants.

Architectural Consultant with the Morrow Manufacturing Company, Wellston, Ohio, on one of the largest Coal Preparation plants in the United States.

Industrial Exposition for Dresser Industries of Dallas, Texas, for the International Petroleum Exposition, Tulsa, Oklahoma, 1949. The work consisted of site planning, including the arrangement for exterior displays for heavy and light machinery. The construction of the building to house interior exhibits.

Oil Drilling Platform for the International Derrick & Equipment Company, Columbus, Ohio. Station was to be constructed for the Texas company for a location in the Gulf of Mexico some 25 miles off the coast of Louisiana. The architectural work consisted of a Crew Quarters building of steel construction, so designed that the first and second floors could be transported separately to the drilling station on barges, and set into position by derricks. The second floor membered with and set on top of the first to become a complete two-story building, without a field erection crew. The building was to be air-conditioned both in Summer and Winter with a heat pump. The building contained its own electrical system.

Fire House for the City of Columbus, Ohio, at Brinker and Sullivant Avenues.

Warehouse and Office Building, Elyria, Ohio.

Addition to the Blendon Township Elementary School, Central College, Ohio.

Garfield Elementary School for the Columbus Board of Education, Columbus, Ohio.

Addition to the Fairmoor Elementary School for the Columbus, Ohio, Board of Education, now in construction.

Modernization of an Office Building for the Ohio State Life Insurance Company, Columbus, Ohio.

Modernization of the Food Preparation and Club Room Areas of the Central YMCA, Columbus, Ohio.

Residence for Senator and Mrs. Ralph Winter, LeRoy, Ohio.

Residence for Mr. and Mrs. Thomas Rogers, Newark, Ohio.

Residence for Mr. and Mrs. Beale E. Poste, Granville, Ohio.

Fourth Great Lakes Council Meeting Big Success

Over 70 AIA Members and their
Wives attended Cincinnati Program

Months of planning by Director Raymond S. Kastendieck and the Cincinnati Chapter committee culminated in one of the best attended meetings of the Great Lakes District Council.

Delegates began arriving early Friday, November 12. Convention Bureau personnel assisted William S. Arend, chapter treasurer, in registration details at the Hotel Sheraton-Gibson. Among the first to register was Arthur B. Holmes, who with William Caleb Wright of Indianapolis, conducted the seminar on Chapter Affairs that afternoon. Ray Kastendieck and Charles Marr were also on hand early to arrange last minute details on the business agenda.

Ossian Ward and Bergner Letzler of the West Kentucky chapter attended as usual, and invited delegates to Louisville for the 1955 Spring Council meeting. Their invitation was authenticated by a gracious letter from Kentucky's governor.

The Cleveland Chapter was represented by president Ronald Arthur Spahn, with delegate Gordon W. Canute of Akron and his charming wife. C. Melvin Frank and Mrs. Frank, officially representing the Architects Society of Ohio, stayed over until Sunday visiting architect George MacDonald and other friends that afternoon. Charles Firestone of Canton and Charles R. Strong of Cincinnati reminisced over their joint terms as members of the Ohio Board of Examiners.

Peter VanderLaan of Kalamazoo and his vivacious wife, together with Hugh Van Dongen came from the Western Michigan chapter. They were, perhaps, the delegates who traveled the greatest distance. Other visitors to Cincinnati included Ralph Hetterich from Hamilton and Ed Ramsey, past-president of the Columbus chapter. All but three chapters in the District were represented, and those presidents sent telegrams expressing regrets in not sending delegates.

(Continued on page 21)

Business sessions of the District meeting were arranged by these AIA members:

Left to right: Frederick H. Kock, president, Cincinnati Chapter; Charles J. Marr, Secretary of District; Raymond S. Kastendieck, Regional Director; Arthur B. Holmes of the Octagon.

Cincinnati Chapter committee members who planned program for Great Lakes District meeting in Cincinnati:

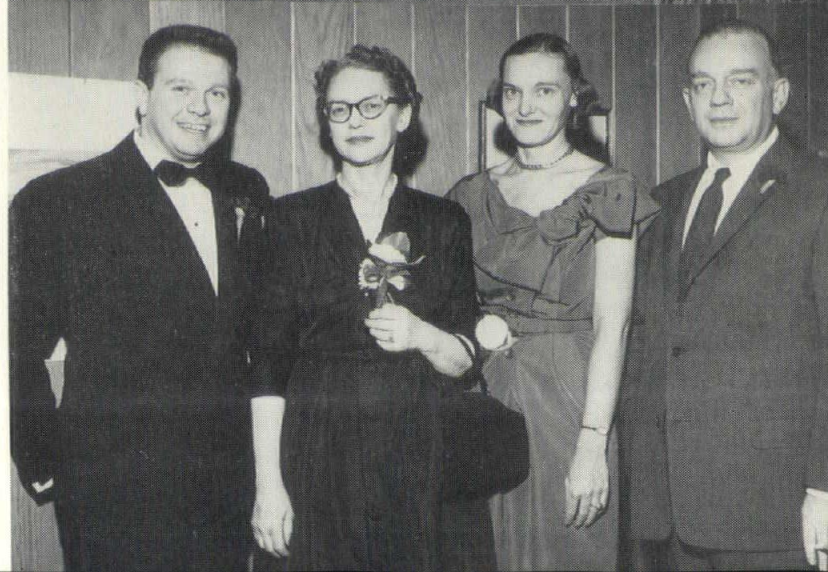
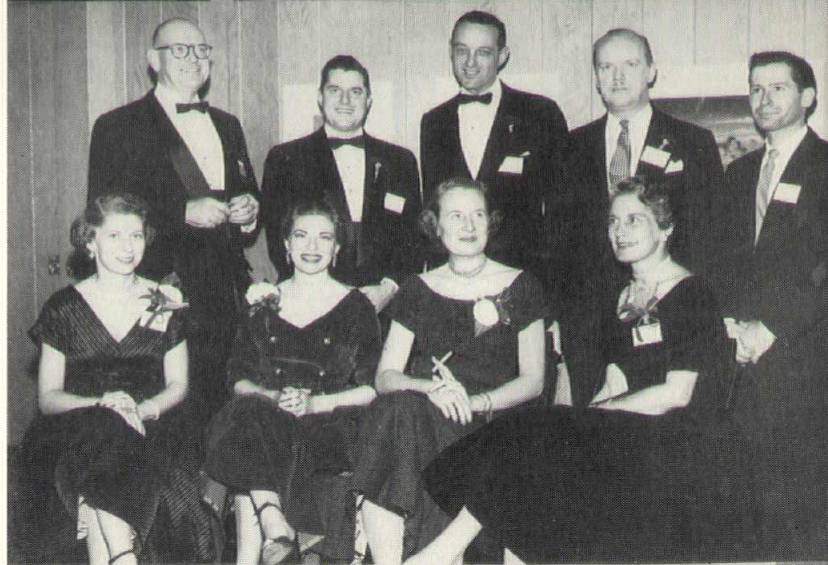
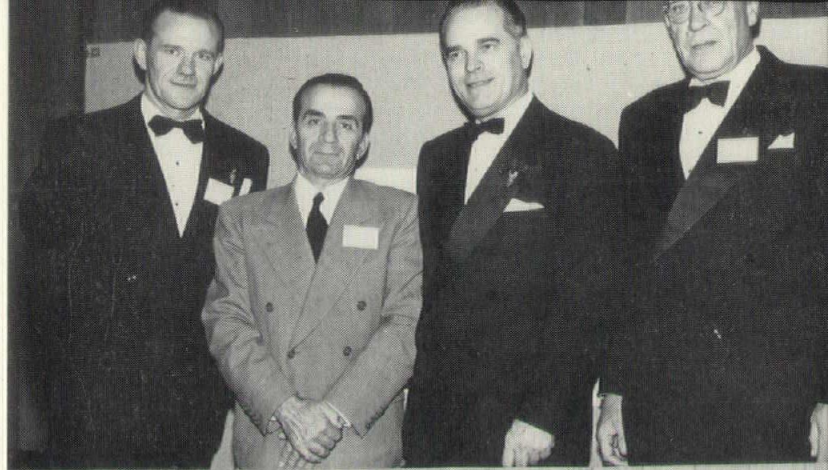
Seated, left to right, Mrs. Arthur S. Arend, Mrs. Frederick H. Kock, Mrs. Ramsey Findlater, Mrs. Carl A. Strauss.

Standing, left to right, Ramsey Findlater, Richard D. Idler, Carl A. Strauss, William S. Arend, Robert Fox.

Candid camera shot of cocktail party at Cincinnati Art Museum; Ronald Spahn of Cleveland, Melvin Frank of Columbus, Ossian Ward of Louisville, Peter Vander Laar of Kalamazoo and other visiting delegates can be spotted. Ladies received corsages given by local chapter of Producers' Council.

Cincinnati Art Museum staff members who officiated at Contemporary Arts Center on Friday evening, November 12th:

Left to right: Robert Luck, Mrs. Philip Rhys Adams, Miss Betty Zimmerman, and Director Philip R. Adams.





A street in Malaga, a city said to have the best climate in Europe.

Spain---

By

Norverre Musson, AIA

Columbus

I don't know what the ideal time to visit Spain may be but I can say without reservation that this past April was a fine one.

Many parts of the country were in full bloom and while we had a few days that were cold, there was practically no rain, and we were spared the devastating heat that is said to settle down on the Madrid plateau for about four months of the summer.

I flew to Paris (ah, Paris)—tourist of course—and on to Barcelona where I met friends who are residents of Spain. Then we drove about 2000 miles up and down the country. Across the fertile north to the Atlantic—through staggering mountains to the Madrid uplands—over another barrier range into the half European, half Moorish world of Andalusia—and back again across snow-capped ranges into the arid valleys of the north-east to Barcelona—never out of sight of a mountain peak or two.

At Barcelona, in the Barrio Gothico, which centers around the handsome 14th century cathedral, I got my first taste of the magnificent Gothic architecture to be seen throughout central and northern Spain.

The Generalidad, ancient seat of the parliament of Catalonia, has a staircase and an upper patio of unequaled beauty among secular Gothic buildings.

It is strange that the history books say so little about the Gothic masters in Spain. At Burgos you can see a cathedral, in a superb setting, having a muscular strength unknown in other designs of the period. The simple but vast hall type edifice at Seville exceeds, I'm told, all other Gothic buildings in size.

And at Leon, the dream of the architects of Beauvais is fully realized—a splendidly tall nave with walls so dematerialized that they must be 80 per cent glass and this awesome interior is lit by glass second only to Chartres.

The backward tramp of history is visible everywhere in Spain. Roman remains abound to remind us that no colony was more important to Augustus or Hadrian than Spain. In fact, Hadrian was born there. And it was for Zaragoza, Tarragona, Toledo, Granada, Merida—cities of the first magnitude—that Caesar fought his greatest battle when he destroyed the forces of Pompey.

The Arab occupation—a mere 700 years—left its mark throughout the center and the south of the country as well as on the language and mores of the people. Too much has been written about the Alhambra, but no written word can prepare one for the imaginative spirit of delight expressed in this building.

Fortified city of Avila, near Madrid.



It embodies a gaiety and inventiveness in the use of all the elements of architecture that are a revelation. Space, color, dramatic flow of contrast from room to room and court to court, and a refined sense of richness and splendor were the natural tools of these consummate Arab designers. We have much to learn from the spirit of this work.

And now a few words to the prospective visiting architect. Do Spain by car if at all possible. You will encounter all kinds of roads but none that are impassable.

There are plenty of gas pumps. Mechanics vary from excellent to incompetent tinkers. You will learn not to drive after night, and that the highways belong first to pedestrians and bicycles, next to animal-drawn carts, and only last to automobiles. In Spain one drives officially on the right side of the road, but the Spanish haven't fully realized this yet.

Second choice is the excellent bus tour service to the main centers. The busses are big and comfortable; the bus drivers and guides usually speak what they imagine to be English and they are endlessly willing to stop for camera fans who see a good shot. One must make reservations well in advance for the heavy tourist season.

Trains, except possibly the run from Barcelona to Madrid to Seville, are impossible. Even to travel by bus, other than the big tours, is to wander into a dim world of shocking equipment and complete disregard of printed schedules.

Hotel accommodations vary as much as transportation—except that they are, in the main, uniformly clean, if not uniformly comfortable. Below deluxe class they are fantastically cheap as is the food, outside the tourist showplace restaurants.

Whether Spanish food is good or bad depends on your private stomach. If you do not like olive oil you'll have a rough time in Spain. If you do, you will eat very well. There is undoubtedly a greater variety of sea food eaten in Spain than anywhere else in the Western World.

The language is something of a barrier in Spain if you do not habla Espanole. The Spanish are almost as unilingual as Americans. Incidentally, the United States is a far, unknown country to the average Spaniard and unless you explain otherwise they will think you are from Brazil or Argentina if you say you are an "American."

The only guide book I found to be of any value, after looking over six or eight of them, is the one by Nagel which contains detailed information and fairly good maps of most cities and towns. But for the full flavor of Spain, prepare yourself by reading Sachwerell Sitwell's "Spain." A little such homework will be a fitting introduction to a handsome and courteous people whose country is immeasurably rewarding to the architect equipped with a discerning eye. Take your camera.

The Barrio Gotico of Barcelona is dominated by the majestic cathedral.



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WOMEN'S DORMITORY
— Denison University —
Granville, Ohio
Wm. Gehron Architect

New hall with Flexicore floors matches Georgian facade of older dormitory, right, with poured concrete floors.

Flexicore Floors and Roofs Provide Low-Cost Fire Safety On Denison University Halls

Low cost was high priority when Architect William Gehron planned Denison's two newest dormitories. He designed three fire-resistant floor framing systems, compared estimates on them and then selected Flexicore slabs for the job. Low cost slabs also saved job time and labor, reduced wall height and eliminated ceiling plaster. Painting of exposed slabs formed attractive ceilings.

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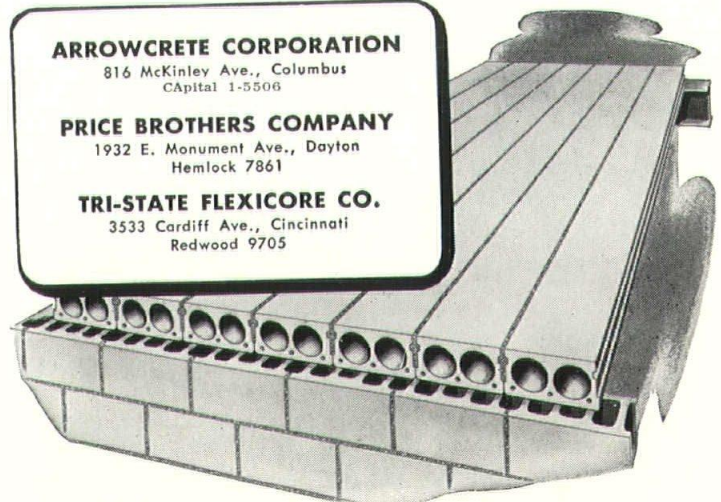
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Following . . .

last months' discussion of Cleveland's Redevelopment Program, the Chapter's Executive Committee has instructed the committee on Urban Design and Housing to work with the city officials in setting up a clear-cut policy on methods of approaching the redevelopment problem. Interested in cooperating with the program, the Chapter nevertheless feels a certain reticence about accepting responsibilities unless they are clearly defined. The problem of deciding what areas should be redesigned by what groups; the assurance that designs submitted will not be turned over to another group after preliminary studies have been made; the amount of remuneration involved for participating architects—all these are problems which must be met before the Chapter can act. An intelligent approach and an aroused Chapter should spell success for the plan.

With the community becoming increasingly aware of the redevelopment situation, the Cleveland City Club has scheduled a lecture on that topic to be delivered on November 20th with Carl Feiss at the rostrum. Mr. Feiss, one-time Cleveland, is the former Chief of the Planning and Engineering Branch, Redevelopment Division, of the Housing and Finance Agency, and will no doubt offer much to merit professional attention.

Inspecting . . .

the new quarters of the Department of Architecture of Western Reserve will be the order of the day on December 12th at four o'clock when the school will hold its annual open house. An hour earlier Eugene Sagadencky, Al Papesch, and John Gerba will report to the students and faculty on their summer spent in study at the Ecole des Beaux Arts at Fontainebleau, France. An invitation to attend these events has been extended to all members of the profession.

Searching . . .

for a new answer to the problem of designing a gasoline service center has resulted in happy solutions for four of WRU's architectural students. Bill Moore, Ron Keck, Roy Padolik, and Dan Skwarski got the jury's nod . . . and the dough.

Advancing . . .

in membership from Student Associates to Junior Associates are Charles Rimer, Edward Reimel, Mary Immormino, and Frank Kouba. Other changes: Gordon Canute has transferred to the Eastern Ohio Chapter, and Junior Associate Robert Van Vliet and Student Associate Don S. Landin have been added to the Cleveland Chapter roster.

Miscellaneous . . .

Representing the Chapter on national Institute committees for the coming year will be Alexander Robinson on the Jury of Fellows; Carl Guenther on the Committee on Honor Awards for Current Work; and Ed Conrad on the Joint Committee of the AIA and the Producers Council . . . A vigorous campaign to raise funds for a proposed

Cleveland Engineering and Scientific Center is now under way, with the goal of \$1,378,000 half pledged. The Cleveland Chapter is one of forty professional groups in the area interested in this joint enterprise and the facilities it could provide. The frustrations of the Permanent Headquarters Committee may yet be dissolved . . .

Cincinnati Chapter

Frederic H. Kock AIA
1824 Carew Tower



December Meeting Planned for Taft Museum

E. C. Landberg and Fred Grau, chapter program committee members, have completed plans for the husband-wife meeting to be held on December 21. This annual joint party, when business matters are usually dispensed with, will be given this year at the Taft Museum. Buffet supper, table decorations in the Christmas spirit, corsages for the wives, and entertainment have been arranged. Appointment of a nominating committee for the January election of chapter officers will be announced.

New Junior Associates Welcomed

Approval of two Junior Associate members was given by the Executive Committee called at special session on November 24. James F. Riehle, draftsman with the firm of Kruckemeyer and Strong for 9 years, and Donald Miller of Howard Elliston's office, a U.C. graduate, were notified of their acceptance by Secretary Lyle. The chapter is honored and will put them to work immediately!

School Architect Passes

Members of the chapter were shocked to learn of the death of Clifford B. Woodward, former partner of the firm of Garber and Woodward. Mr. Woodward attended the old Cincinnati Technical School and Massachusetts Institute of Technology. Withrow, Western Hills and Walnut Hills High Schools in Cincinnati are representative examples of a long-established partnership.

Student Work on Display at U. C.

Ernest Pickering, Dean of the College of Applied Arts, has announced the annual Comprehensive Show of student work. The exhibition is currently on view at the Alms Memorial Building, U.C. campus, and will continue through December 17.

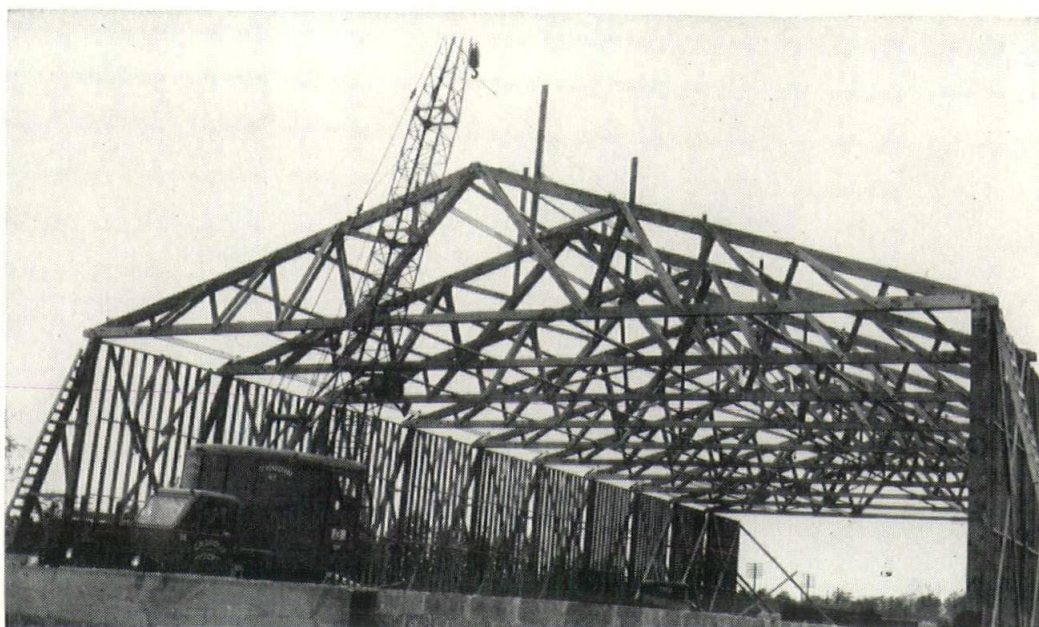
Open to the public, the displays represent creative design examples by students from the various departments and courses in the College. Work from the architectural department, comprising drawings and models, illustrates design, construction and city planning problems, and forms a large part of the exhibition. Other departments represented include advertising, costume, interior and industrial design. Paintings, sculpture, ceramic ware and packaging displays round out the Comprehensive Show.

One feature of the exhibition is an entire room devoted to models of the city's basin area, executed to illustrate possible land use under urban redevelopment. Robert Deshon was faculty advisor on this extensive project.

Editor's Note:—Fred also supplied article, page 11, on Great Lakes Council Meeting, Cincinnati.

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Columbus Chapter

David A. Pierce AIA
4501 North High Street



The Columbus Chapter November meeting was held at the Builders Exchange on the 16th.

Subject: Public Relations—Dean Elliott Whitaker of the College of Architecture and Landscape Architecture at Ohio State University led the question and answer period.

These questions have been asked of most architects at one time or another in a bar, on the telephone, at a country club, or on the street and they seem to require a brief answer. The questions are listed as follows:

1. "A lot of people have heard that I'm planning to build. Three architects have asked me for the job. How do I choose the one that will do the best job?"
2. "Our building committee wants a picture of our proposed church to use in its money-raising campaign. Could you draw one for our pep meeting tonight?"
3. "We know just what we want and we have our plans and specifications ready. How much will you charge to draw blueprints to get by the building department?"
4. "Our architect says he ought to supervise the work in progress. Why go to that extra expense, when my brother-in-law, who works in a lumber yard and knows all about building, will do it?"
5. "We saved a lot of money by planning and constructing our own building but now something is wrong with the columns and the heating is unsatisfactory. Will you help us locate the trouble and recommend the action we should take?"
6. "What difference does it make to me, a client, whether the architect I engage has 'AIA' after his name or not?"
7. "X Y Z & Sons Contractors, tells me I get my plans and specifications free if they construct my building. Why should I retain an architect then and pay him a big fee besides?"

The answers came slowly at first but under the expert leadership of Professor Whitaker the honest opinions began coming. Before the evening ended everyone present had expressed himself on one question or another.

This meeting pointed to another need of the chapter, that of a similar airing of Professional Standards and Practice.

Six applications for membership in the chapter were requested as a direct result of this meeting.

Ralph McCombs concluded the meeting with a summary of "Public Relations for the Architect." We will have a complete copy of this talk at a later date.

ANNEXATION of areas surrounding Columbus have been voted, contested, approved and disapproved and they continue to cause mixed feelings in the various sections of Franklin County. The Cities positive action to make these fringe areas pay their full share for utilities received has tempered the belligerent attitudes of some people, but there is still a lot of work ahead.

Columbus City Housing Code

The Columbus City Housing Code has been completed as an ordinance and was presented to City Council Monday, November 22nd for action. This ordinance provides that dwellings must contain a minimum of 100 square feet for the first occupant and 75 square feet for each additional occupant. Each bedroom must have at least 70 square feet of floor area and if more than 2 people sleep in the room 35 additional square feet are required for every person over one year old. The ordinance provides for administration, enforcement and penalties. Where this ordinance is more stringent than the present Building Code the ordinance will apply.

The ordinance also sets forth the duties and responsibilities of owners and tenants, conditions that must be met before property can be rented, regulates utilities and facilities for dwelling units. This ordinance is a necessary factor in the current slum clean-up campaign.

Ohio Board of Building Standards

The Ohio Board of Building Standards met last November 8th in public hearing and considered the following:

Rule No. 59: "Non-metallic sheathed cable meeting the requirements and installed in accordance with the applicable provisions of the National Electrical Code of the National Fire Protection Association, is hereby declared equivalent, as regards safety and sanitation to armored cable for electric wiring installations in apartments, Bulletin of Division of Factory and Building Inspection No. 107, Section 18."

Rule No. 61: "Where the Cincinnati Park Commission has officially prohibited any building within thirty (30) feet of the property line between the park property and the Cumminsville Junior High School, the school building may be so placed that no portion thereof shall project beyond said common line between the Park and the Junior High School land and be deemed an equivalent to the school building placement, as stated in General Code Section 3783.55 Revised Code, State of Ohio."

Rule No. 62: "Skylights composed of light-controlling glass units manufactured by the Pittsburgh-Corning Corporation, Pittsburgh, Pennsylvania, and commonly known as "Skytrol" glass block skylight system, where installed in accordance with manufacturers specifications, are hereby declared to be the equivalent, as regards safety and sanitation, of clerestory natural light areas in school classrooms (Section 3783.3 Revised Code) and may be used to supplement the primary source of light from the windows in the exterior walls, provided (a) that at least two-thirds of the required window area is provided by the primary source of light and (b) that the floor area otherwise permitted, may be increased by four square feet without corresponding increase in the height to the tops of the windows. The Skytrol shall be so placed as to produce the most uniform lighting throughout the class room."

Various petitions were submitted for the Board's consideration as follows:

1. "Elimination of requirements for use of any kind of conduit in connection with electrical alarm systems." Rejected.
2. "Artificial ventilation and light, in certain school facilities." Petition was not specific enough. Rejected.
3. "The use of 5/8" Firestop Drywall Gypsum Wall Board for one (1) hour fire rated requirements." Rejected.
4. "The use of Flexicore units as electrical raceways in lieu of conduit systems." Board recommended National Fire Underwriters tests before further consideration.
5. "Fireproofing requirements of columns which support no load other than an unoccupied roof structure." Rejected.
6. "Permission to place warm air supply registers flush with floor of schoolrooms under certain conditions." Rejected.
7. "Permission to place return air registers at a point where they will induce efficient flow of heated air, only when used as a part of a perimeter type of forced air system." Rejected.

It is generally known that the Department of Industrial Relations is preparing a new State Building Code for presentation to the next legislature. The architects were criticized two years ago for failing to voice their opinions in regard to the then proposed code during its preparation. We pleaded lack of preparation in defense. Such a plea will not be accepted in 1955.

We ought to be ready and informed. And we should be in evidence at all hearings announced from now on.

The November elections in Franklin County resulted in the passage of several important bond issues of interest to Architects:

1. For completing erection, equipping and furnishing of Veterans Memorial.
2. For plans, etc., for construction of expressways and freeways in Franklin County.
3. Franklin County Tuberculosis Hospital.
4. Recreational facilities and playgrounds.

The Veterans Memorial Building has had a rough time from the beginning—some land owners made acquisition of the property difficult, the constantly rising construction from '46 on and finally the Korean war stopped construction of one scheme and then again, because of rising costs, another scheme had to be drafted and submitted for bids. This final plan is under construction and well on the way to completion, the bond issue assures completion and furnishing of the building.

The Bond Issue for "Urban Redevelopment Projects" failed. This is believed to be a major setback for Columbus by many who are close to the problem. In Columbus Urban Redevelopment or "Slum Clearance" would have provided funds to clean all the Goodale area. The area would have been resold to private builders netting about 2 million. The Federal Government would have put up another

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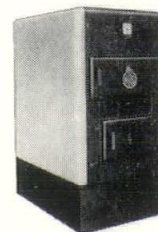
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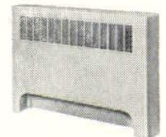
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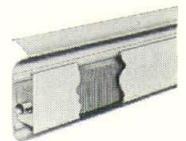
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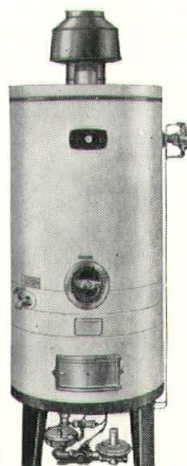
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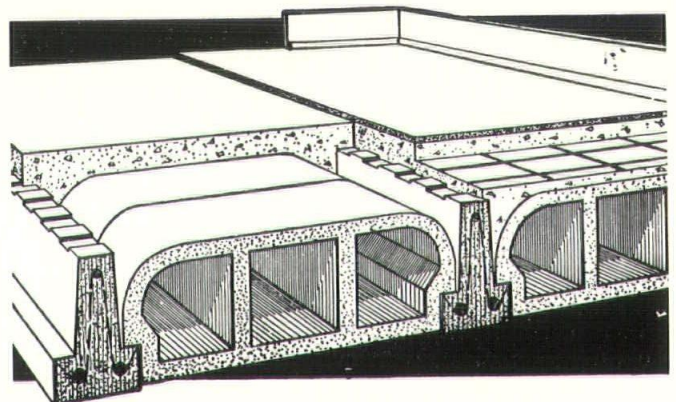
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2 million, leaving the city's net investment about 1 million dollars. This issue would have cleaned up a malignant growth within the city.

The Columbus School Board announced another \$4,000,000.00 of bonds to finance construction of new city schools and relieve overcrowding to be sold January 11, 1955. This is part of a \$14,000,000.00 program authorized by the voters in the November 3, 1953 election. Last January \$6,000,000.00 in bonds were sold for current projects now in progress.

Local architects firms will handle work for \$3,000,000.00 and the School architects office will handle \$1,000,000.00 of the work.

The local firms hired by the board are:

Dan A. Carmichael, AIA; Crumley, AIA & Musson, AIA; Freshwater, AIA & Harrison; Kellan, AIA & Foley; William R. McDonald; Hiram H. Van Buran, AIA; Warren L. Smith; Ralph C. Kempton, AIA; Frank J. Pichler, AIA; and Wm. Gilfillen.

Toledo Chapter

Harold C. Munger
531 Nicholas Building



Toledo architects were entertained by a raft of wonderful parties in the month of November.

The Toledo Edison Company entertained the architects and their wives on November 11th at 6:00 o'clock P.M. at the Edison Club. The guest speaker, Mr. William E. Kapp, Detroit, Michigan, whom many of the architects knew because of his early years as an architect here in Toledo, gave a very enlightening speech on the place of electricity in our present day life. Cocktails, dinner and then the speech made for a most enjoyable evening.

A Cocktail Party and Dinner, Monday, November 15th, at the Hillcrest Hotel, arranged by the Anderson Corporation of Bay Port, Minnesota under the sponsorship of the Allen A. Smith Company, their Toledo distributors, in conjunction with the Toledo Chapter of the Producers' Council, Inc., National Organization of Manufacturers of Building Materials and Equipment, was the scene of another enjoyable and informative evening for the architects.

The Machine Design Section of the American Society of Mechanical Engineers and the Toledo Technical Council, on November 15th, brought an exhibit titled "Civilization Through Tools," sponsored by the DoAll Company, to the Jewish Community Center Amity Hall, Toledo, Ohio. This exhibit was the first attempt ever made to assemble the complete history of man's tools. The importance of the exhibit lies in the fact that the history of man and the development of his tools are synonymous. Possession of tools and the skill of making and using them were the essential conditions for survival and for being able to rear a family. Mr. C. G. Shelly, Managing Director of the Wilkie Foundation, presented the exhibit and lecture. He was largely responsible for the research for the lecture and the compiling of the exhibit.

The Ohio Home Builders Association had a meeting November 23rd at the Commodore Perry Hotel and invited as their guests the Toledo Chapter Architects. Members of the Association had suites in the hotel containing their displays and a very festive time was had wandering from suite to suite.

The Fifteenth Annual Convention of the Ohio Association of Public School Employees was held at the Commodore Perry Hotel on November 26th and 27th. Several manufacturers had display booths set up for the Convention and one of the booths was given over to three Toledo architectural firms for the display of some of their school work. The display consisted of presentation mounts of photographs of actual buildings and presentation plans. There was an exhibitors' display in the main Ballroom. The three firms displaying were Britsch & Munger; Bellman, Gillett & Richards and Barber, Evans & Associates. The Convention hours were from 8:00 o'clock A.M. to 5:00 o'clock P.M. on Friday; 9:00 o'clock P.M. to 10:00 o'clock P.M. on Friday evening; 9:00 o'clock A.M. to 12:00 o'clock noon on Saturday. The Annual Banquet took place in the Crystal Room at 6:15 P.M. on Friday.

In the November article, your editor failed to give credit to Bob Howald—Bob Normand's chief assistant in the three week Light

Diamond Jubilee Show conducted in Toledo. We understand from Mr. Normand that Bob played a very important part in the preparations for this show.

November issue correction. The name of Charles Stark, listed among the names of the Toledo Chapter members attending the 21st Annual A.S.O. Convention at the Biltmore Hotel in Dayton, Ohio, was carried as Charles Stack. Please excuse.

The next Architect-Engineers Joint Committee meeting will be held Friday, December 3rd, at the Fort Hayes Hotel in Columbus. Mr. J. P. Macelwane, Toledo, Ohio, plans to attend this meeting.

Dayton Chapter

Craighead Cowden AIA
310 Keith Building



For the past month or so the Dayton Chapter has been resting on their laurels from the State Convention—at least it seems that way. We have not had a meeting and as far as I know, nothing newsworthy has happened.

The near final results of the Convention are in, and by all reports, it was successful. It looks like the Chapter might even make a clear profit of twenty-five to fifty dollars!

One convention item which missed out on most of the notices and publicity was the exhibition of the National Honor Awards, photolithograph copies of which were sent to us by the Octagon. We were able to exhibit these in the main lobby of the Dayton Power and Light Building, and it created a good bit of interest. Unfortunately, we were unable to have them displayed there for more than a few days. I presume other Chapters also received copies of this exhibit and were able to display them adequately. The layout of the entries and the quality and scope of the work selected are excellent.

During the past month, the local chapter of the American Society of Heating and Ventilating Engineers invited Phil Kielawa to represent the architectural profession on a panel of architect, contractors and engineers. This discussion was directed toward better coordination between the various branches of the work of building. This is the type of thing the chapter is interested in promoting, and we'd like to see more of it in the future.

Eastern Ohio Chapter

Richard N. Zuber AIA
255 East State Street, Alliance



Mr. Trefon Sagadencky and Joe Morbito have been hard at work on the formation of a Student Chapter A.I.A. at Kent State. Hopes are for a chapter charter presentation at our February meeting in Kent. Trefon was appointed Chapter Counselor and Joe, Faculty Advisor at our last Executive Committee meeting.

Transfer: We are pleased to have as a new member, Gordon W. Canute, 194 W. Exchange St., Akron 2, and partner of Treasurer Tuchman. Gordon transferred his membership from the Cleveland Chapter and he and his wife Nancy have been frequent guests.

Chapter Members: The Eastern Ohio Chapter is happy to add as new corporate members, Fred H. Clarke and son, Richard C. Clarke, 1002 National Export Bank Bldg., Steubenville. Bob Beatty now has some company down in his neck of the woods.

The next meeting of the chapter will be held at the Alliance Country Club, December 15. Host will be your reporter, Dick Zuber, with Pella Products our cocktail hosts. Everyone is urged to attend this, our Christmas meeting.

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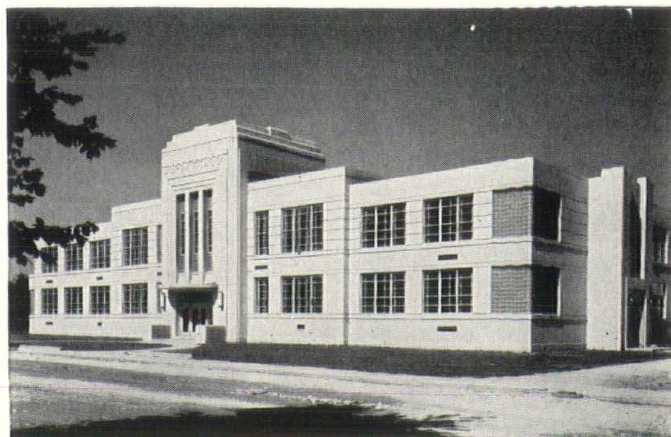
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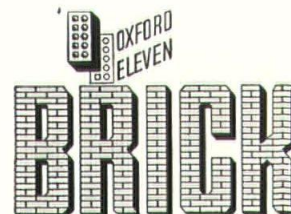
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FOURTH GREAT LAKES COUNCIL MEETING

Continued from page 11

Ramsey Findlater, Director, CMHA, Charles Stamm, assistant to the City Manager in charge of Cincinnati's Urban Redevelopment Program, and Elmer Grote, PHA district supervisor, conducted the Saturday housing tour. Delegates and wives enjoyed a 3-hour trip through public housing and slum clearance projects. The tour also included inspection of recent buildings on the U.C. campus designed by Potter, Tyler, Martin and Roth, and James Allen, local AIA members. Schools designed by Kruckemeyer and Strong, and Walter Rapp were visited. The closing portion of the tour through Eden Park afforded passengers a view of the Ohio River valley and adjoining Kentucky hills.

The Saturday luncheon was highlighted by a presentation of architectural survey volumes by Director Kastendieck to the U.C. architectural library. Dean Ernest Pickering accepted on behalf of the University.

Those local building material manufacturers who underwrote part of the chapter expenses include The Philip Carey Co., Formica Insulation Co., Owens-Corning-Fiberglas Co., and Steelcraft Manufacturing Co. Representatives of these industries were invited to attend the Friday banquet at the Cincinnati Art Museum.

Wives of local chapter members who entertained the visiting ladies included Mrs. Eugene F. Schrand, Mrs. Joseph M. Lyle, Mrs. George F. Roth, Jr., Mrs. Howard Elliston, Mrs. George Marshall Martin, Mrs. Walter F. Shebley and Mrs. Benjamin Dumbarr. Posters, place cards and other art work designed for the meeting were executed by Mr. and Mrs. Donald Rost.

Chapter presidents and delegates in the district will receive complete minutes of the business meeting Friday afternoon as prepared by secretary Charles J. Marr. Matters taken up and discussed at that time included membership, exhibitions, chapter meetings and attendance problems. Revisions in the AIA General Conditions documents were also reviewed.

Architect

Type of Work. The architect plans and designs buildings of all kinds. First, he must get clearly in mind the kind of building desired, its location, and the cost.

Then he makes sketches to show how he thinks the finished building will look. After the plans have been changed to suit the builder, the architect prepares final drawings and estimates the amount and cost of materials to be used.

Usually, the plans are then turned over to a contractor. But the architect checks on the building until it is complete.

Qualifications. The young man choosing architecture should have both artistic ability and mechanical skill. He should be a good manager, too, so he can carry out a big project. The architect also needs business ability.

Training. The future architect should study English, history, mathematics, and drawing in high school. Then he must attend a college offering special work in architecture. The courses require five years of study and include design, mathematics, and engineering.

After completing his education, he will probably need from three to five years of experience before he starts to work on his own.

Salaries and Opportunities. Most architects work for themselves. Their incomes, of course, depend on their abilities. Beginning salaries are often low—from \$40 to \$50 a week.

An experienced architect may make between \$5,000 and \$20,000 a year. Architects employed by the government earn from \$3,800 to \$12,000 yearly.

First Steps. Study buildings in your community. Read all you can on architecture.

Editor's Note:—We felt this might be of interest to the student. May we suggest he be given an opportunity to read it.

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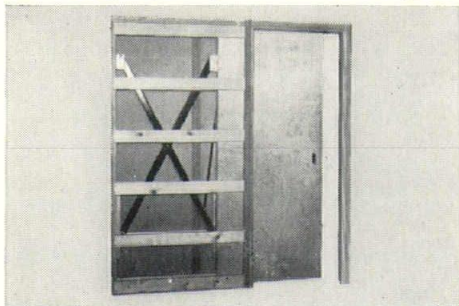


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New Hotstream Glass-Lined Water Heater

The Hotstream Heater Company of Cleveland, Ohio, announces an addition to its line: a new glass-lined, storage type, automatic, underfired, insulated gas water heater.

The glass lining is fused to the inside of the heavy gauge steel water storage tank, protecting it against rust or corrosion, and assuring clear, clean water.

Standard features of the new Hotstream Glass-Lined Water Heater include: Fiberglass insulation top and sides; specially designed steel baffle; magnesium rod; plastic dip tube; internal flue construction; steel outside jacket finished in white baked enamel with grey and stainless steel trim. Optional controls are available for operation on city gases only for operating on all gases including liquified petroleum.

The manufacturer offers a ten-year warranty against tank failure—the last five year period being on a pro-rata basis.

It Was Wonderful

Letter from Morton Leavitt, AIA of Leavitt & Spieth, Architects, Cleveland, says, and we quote "your August issue was wonderful and we thank you so much for publicizing our new office. Signed Morton Leavitt, 814 Ninth-Chester Building, Cleveland 14, Ohio.

Ralph H. Hetterich AIA Hamilton

"Ralph H. Hetterich of the firm of Hair, Hetterich & Siegel, Architect-Engineer of Hamilton, Ohio, and Vice President of the Cincinnati Chapter, was chosen to serve on a committee of three to select a number of the architectural presentations at the recent American Hospital Association Convention in Chicago, for display at the Octagon in Washington, D.C. Mr. Hetterich states that all the presentations were of high order which made the selection a very difficult one.

Davidson's New Curtain Wall Panel Becoming Most Popular Among Ohio Architects

The Davidson Enamel Products, Inc., Lima, O., (the only Ohio manufacturer of curtain walls) has now added the Davidson "Double Wall" Panel of architectural porcelain used in any fenestration or spandrel system of curtain wall design, to its many proved porcelain enamel products for the building field.

Two types of Davidson "Double-Wall" Panels are available. The Type A Panel is manufactured in sizes up to 12 square feet with thicknesses from 1 $\frac{1}{2}$ " to 3". It has fiber-glass insulation and provisions which allow the wall to "breathe." The Type C Panel is produced in sizes up to twenty square feet with a minimum thickness of 2 $\frac{1}{8}$ ". Besides the fiber glass and air space, it has a special shrink-proof, gypsum-base Vitrock backing, cast integrally with the outer panel for "straight-edge" flatness, rigidity and additional insulation against sound.

The outer face of the "Double-Wall" Panel is architectural porcelain fused to steel, and the inside panel face can be baked prime paint finish, or porcelain enamel. It can also be furnished of aluminum, stainless steel or galvanized metal.



It Was Said

Ed Stapleford

"You can't give happiness to others without spilling some on yourself." — Mrs. Harold Parker, Sandusky

St. Stephen's Church

Brooks and Coddington, Columbus architects who designed the St. Stephen's Church (featured in this issue) specified and used reliable building products and have given their names in their article. Two of these were Monolithic Zonolite Concrete who have an advertisement in this issue page 14, and Vinalux Asbestos Tile as manufactured by the Uvalde Rock Asphalt Company of San Antonio, Texas. Their advertisement appears on page 21 this issue.

City Planning Expert

On Saturday, November 20th the Cleveland Chapter of the AIA were guests of Cleveland's famed City Club to hear the noted Carl Feiss, city planner and formerly of Cleveland, until recently chief of the government's Housing and Home Finance agency.

Among observations made, he spoke of the re-development that the cities of Chicago, Philadelphia, Denver, Pittsburgh and St. Louis had made. He remarked that downtown Cleveland looked the same to him as it did fifteen years ago when last here. His talk was truly a challenge to Cleveland and its city planners.

Cleveland Chapter Producers' Council

At its regular monthly meeting for November the members with many architects as guests were treated to a practical talk by Grant Stone, advertising director of the Cleveland Press.

His theme may well have been "When Do You Begin to Begin?" His answer, of course, was "Now." He showed in a most persuasive manner the power that advertising has on our everyday life. What it has meant to America during the last 40 years. What it has and is doing in raising the quality of the product advertised. One burning thought left with all was that your work is your best advertisement—and he admonished his listeners to let people know of it.

Ohio Home Competition

A dinner has been arranged by the Cleveland Chapter of the AIA and the Home Builders Association of Greater Cleveland for Wednesday evening, December 1st. Here will be

announced the winners of this competition and the awards will be presented. We publicized this on page 14 of the October issue of the Ohio Architect and on page 23 of the November issue. As we will be on the press when this takes place we will print the names of the winners and other information in the January issue.

Cincinnati Chapter Producers' Council Host of AIA Members

The Cincinnati Chapter of the Producers' Council will be the host to members of the local chapter of the American Institute of Architects at an inspection of ALCOA's new office building on December 2. The Aluminum Co. of America's office building, located at 2331 Victory Parkway, is an excellent example of contemporary architecture, and the use of curtain wall construction. The tour will start at approximately 4:30 P.M.

Refreshments will be served at an informal discussion period later.



Wm. J. Petrovic
Cadillac Glass
Cleveland

Cadillac Glass Company, a recognized leader in the glass field, is now the distributor for Ualco aluminum windows. With the addition of this new and complete line, Cadillac can expedite and further enhance the excellent servicing of their products to both architects and builders as the Ualco line will be warehoused in Cleveland. Ualco windows, are manufactured in Sheffield, by Union Aluminum Company. A complete line of aluminum windows, including Basement, Double Hung, Commercial Pivoted, Commercial and Intermediate Projected, Casement, Hopper Vent, Awning, Utility, Twinsul, Ranch Window Walls and Jalousie windows as manufactured by the

Ualco Company are stocked by Cadillac Glass for immediate delivery.

The Cadillac Glass Company warehouse at 3115 Berea Road, is a very modern brick building containing 35,000 square feet of floor area. George J. Ackerman is General Manager. Cadillac is distributor of Libbey-Owens-Ford quality glass products and large stocks of polished plate glass, window glass, Thermopane and flat glass of all types is carried at all times.

In charge of Ualco Window Sales is Mr. William J. Petrovic, a graduate Architectural Engineer, who has been servicing and selling for Cadillac Glass the past five years.



Architect
Robert A. Little AIA
Cleveland

Bob Little honored

with an appointment as a visiting critic in design at Harvard University — where he spends five weeks in Cambridge, Mass., teaching advanced architectural planning. He is a graduate of Harvard College and of the Harvard architectural school.

Little is recognized for his contemporary designs for such projects as Halle's Shaker Square store and a group of homes in Pepper Pike, Cleveland suburb, and recently was selected by Better Homes & Gardens to design the "Home for All America."

African Architecture Is Topic of Lecture

Cleveland architect, Ernst Payer, and his wife, Dorothy Shepherd Payer, lectured on North African art and architecture at a meeting of the Archeological Institute of America at the Western Reserve Historical Society.

Mrs. Payer is textile curator at the Art Museum.

One material ACHIEVES THE GOALS OF MANY DIFFERENT DESIGNS

Davidson Architectural Porcelain used on
26 stores at Westgate



Looking down between the two long rows of stores at Westgate Shopping Center. Distinctive sign backing areas and bulkheads in many Davidson colors decorate storefronts along the way. Architects: Fordyce, Hamby, Strobel & Panero.

THE FLEXIBILITY OF USE of Davidson Architectural Porcelain is dramatically illustrated at Westgate, big new shopping center in the Cleveland area. Not only have 26 stores there used this material, but stores of many kinds—grocery stores, shoe stores, dress shops and many more.

The reason is the range of design possibilities of Davidson Architectural Porcelain. This material can be fabricated in any reasonable shape for use in almost any architectural design. Its complete range of colors makes many distinctive color stylings possible. Its fadeless beauty is effective by itself, and it goes well with other materials.

Davidson Architectural Porcelain has the hardness of glass with the strength of steel for low-cost, easy maintenance, too. And Davidson Architectural Porcelain is custom-designed, processed and enameled in ordered quantities at the same time to insure trouble-free application and color uniformity.

The Davidson Koroseal* joint application was developed by Davidson engineers to provide a water-tight seal in applying panels—a seal that will not deteriorate or lose its resilience due to weathering.

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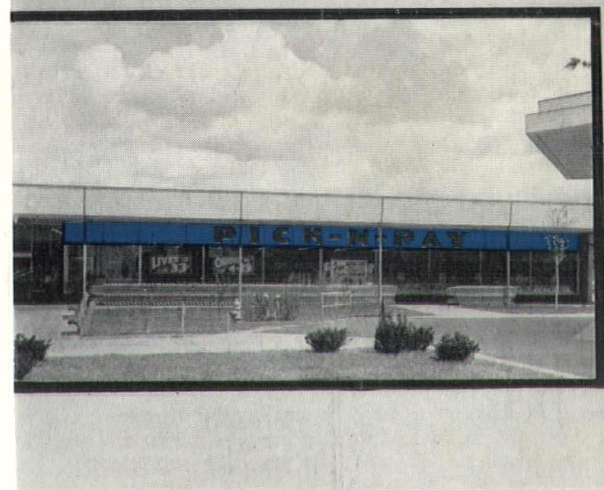
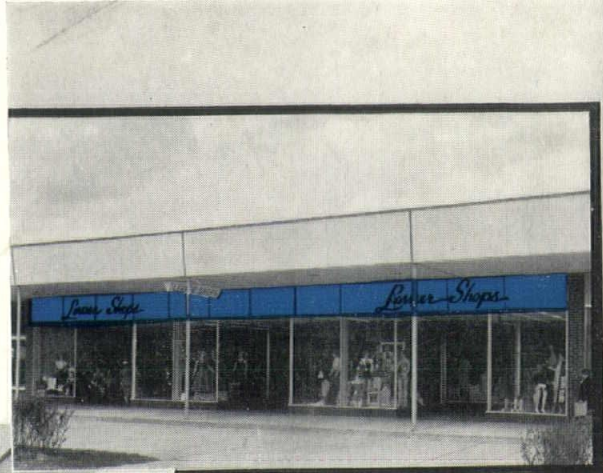
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IDEAS FOR DESIGN. This complete architectural file on Davidson Architectural Porcelain contains illustrations, details of basic and special panel shapes and their installation. Write for your copy.

