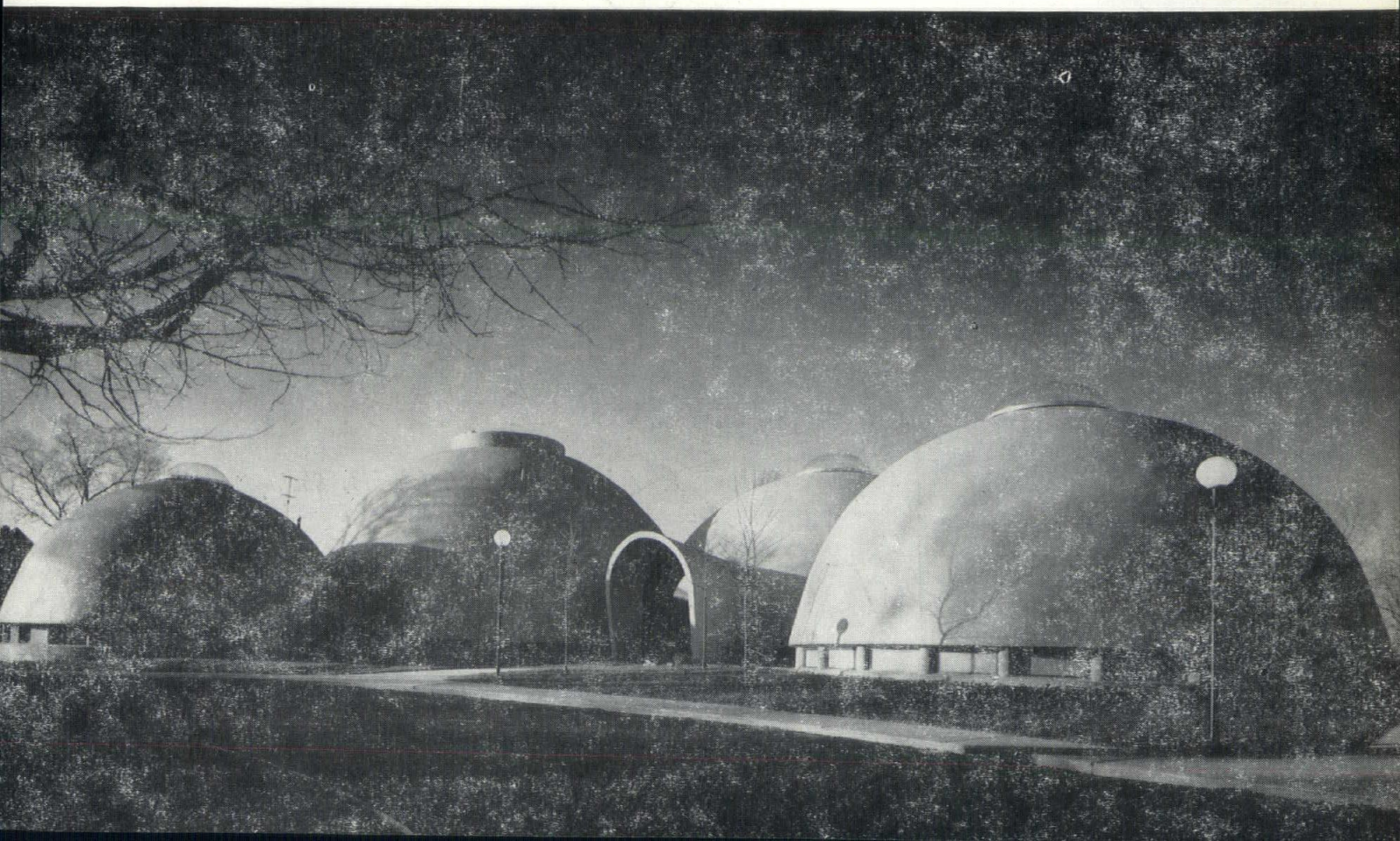




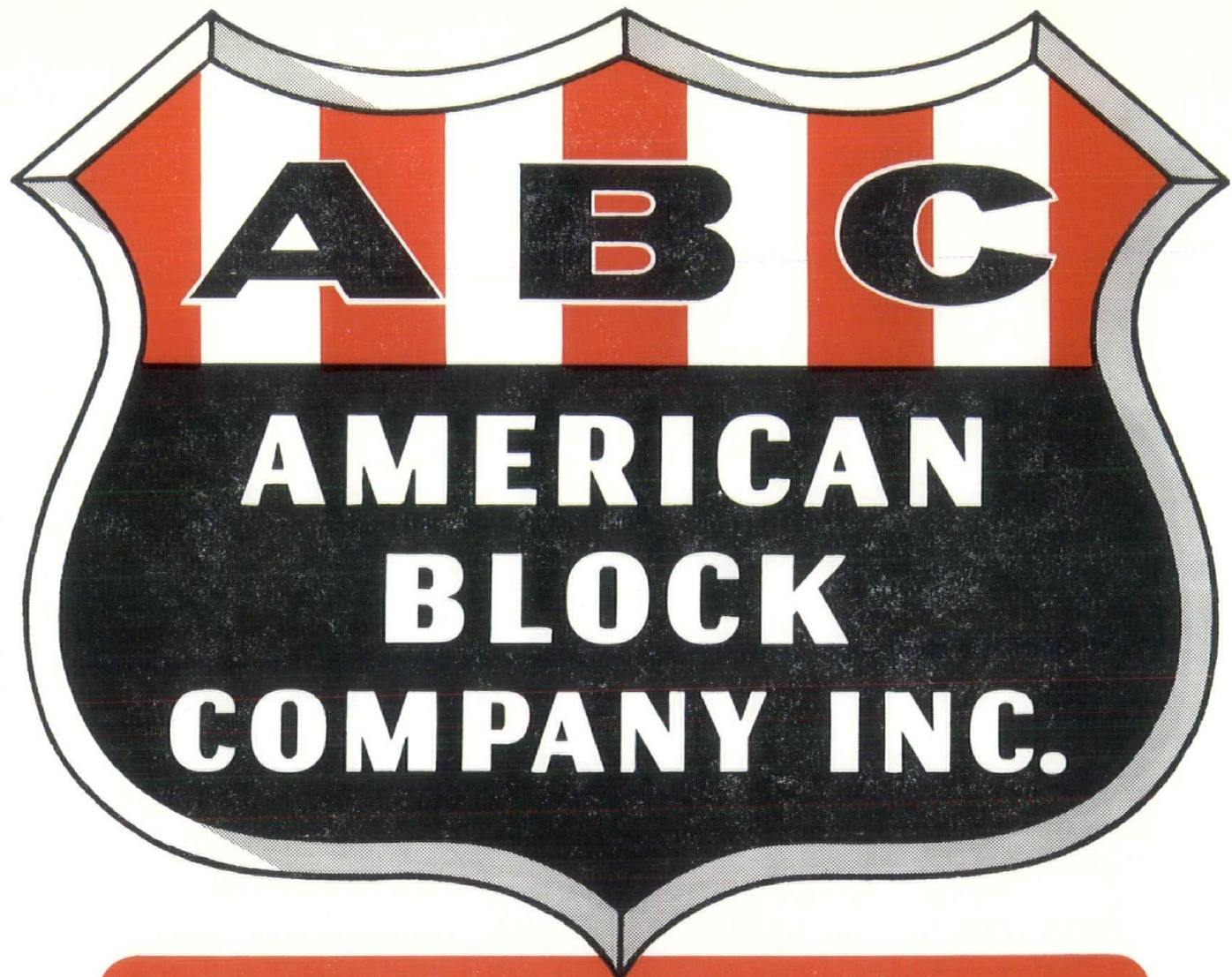
# indiana architect

January 1968

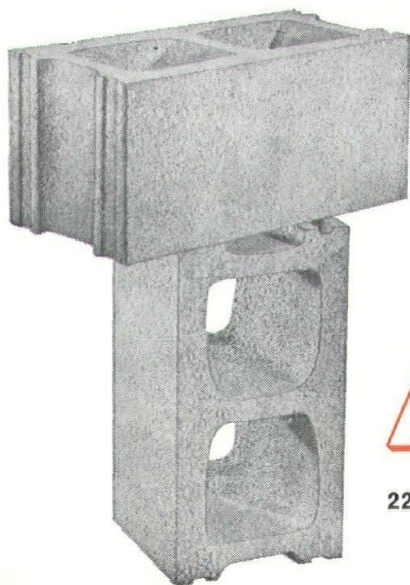
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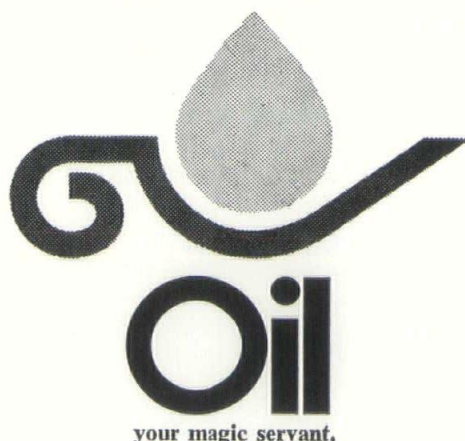
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# Indiana architect

Official Journal, Indiana Society of Architects, Northern Indiana Chapter, Central-Southern Indiana Chapter and Indianapolis Chapter of The American Institute of Architects.

January / 1968

Vol. XI / No. 5

## EDITORIAL STAFF

Editor: N. E. GIBSON, Hon. ISA  
Art Director: LARRY ROESLER

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## CONCERNING THE COVER

Lafayette Architect Elliott Brenner's cluster of Styrofoam domes was chosen as the frontpiece introducing this special issue on architecture by members of the Central-Southern Indiana Chapter AIA.

The domes house a doctor's clinic in Lafayette, and were created utilizing the spiral generation of Styrofoam developed by Dow (heating, curving and welding together of Styrofoam bats by machine), then sprayed with concrete.

Interior view of the unique project appears on page 13.

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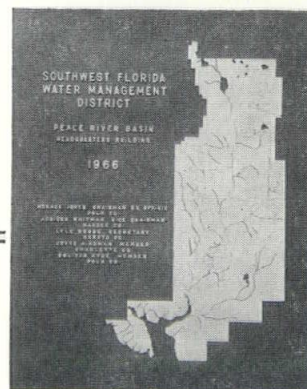
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# ABC Progress

THE SPECIAL STUDY COMMITTEE on the Administrative Building Council appointed by the last General Assembly, has held regular monthly meetings since last July. To date, these meetings primarily have been devoted to accepting testimony from state officials and the various interested construction industry groups, including:

Mr. Bert Westover, Director, Indiana State Administrative Building Council

Dr. George Offut, Secretary, Indiana State Board of Health

Mr. Norman Fesler, Indiana State Fire Marshal

Mr. George Dieterle, Indiana State Commissioner of Labor

Indiana General Contractors' Association, AGC

Indiana Society of Professional Engineers

Indiana Society of Architects, AIA

Indiana Inspectors' Association

Indiana Rating Bureau

Lumber component manufacturers

Representatives of labor organizations

Indiana Society of Crippled Children and Adults

Homebuilders' Association of Indiana

National Metal Building Manufacturers' Association

To aid the Committee in its study of the needs of the physically handicapped as these needs relate to the design and construction of buildings, a special sub-committee representing the Society of Crippled Children and Adults and the Indiana Society of Architects is drafting a list of proposed requirements for facilities for the handicapped in all proposed publicly-owned buildings. These recommendations

will be submitted to the committee and to the Administrative Building Council for incorporation in the Code.

The bulk of testimony presented at the hearings has demonstrated that there is no inspection of any construction in Indiana by the ABC at present, no enforcement of the state's building code, and only cursory inspection by any other state agency. The ABC is seriously understaffed, and the entire process requires extensive updating.

In the testimony presented by Don Gibson, ISA Executive Director, the following recommendations for ABC staff were given:

- 1) Director, registered architect appointed by the Board subject to the approval of the Governor.
- 2) One Electrical Engineer.
- 3) Two Structural Engineers.
- 4) Such personnel in the mechanical and sanitation fields as are presently required by the State Board of Health in this area of its activity.
- 5) Nine Field Inspectors.
- 6) Three Secretaries.

Mr. Gibson pointed out that no amount of field inspectors could possibly supervise all construction in Indiana, but that the job of the inspectors would be to spot-check construction sites to make certain that professional supervision was being performed by the responsible architect or engineer on the job. Architects and engineers would be held accountable to the State if they failed to determine that buildings designed by them were actually being built in accordance with the plans and specifications as approved by the ABC, in the



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areas of structural safety and electrical and sanitation provisions.

The ISA testimony suggested fifteen areas of amendments to the 1945 ABC Act. These areas were:

- 1) Require that no local permit to construct can be granted by any local government body until ABC approval of the plans has been received.
- 2) Include "structures" in the scope of ABC responsibility (temporary stands, bleachers, etc.), and exempt one and two family private dwellings.
- 3) Change method of computing plan review fees from estimated construction cost to a charge per square or cubic foot of space.
- 4) Require a Certificate of Compliance and a Certificate of Completion, executed by the responsible architect or engineer, and a Certificate of Occupancy to be issued by the ABC.
- 5) Update the ABC Fund provisions so that the money collected by the ABC actually can be used by it in the administration of the Act.
- 6) Provide inspection authority for the ABC in completed buildings and buildings under construction.
- 7) Update enforcement provisions.
- 8) Bring the appeal provisions into alignment with the Administrative Adjudication Act (which already applies by Law).
- 9) Delete the existing \$13,500.00 appropriation for the ABC.
- 10) Require that ABC rules, regulations and notices of change be published regularly.
- 11) Establish violations of the Act as misdemeanors, punishable by fines up to \$500.00, with each day a separate violation.
- 12) Redefine "owner."
- 13) Clarify and equate existing exemptions in ABC Act, Architects' Registration Act and Engineers Registration Act.
- 4) Require architect or engineer seal on each sheet of plans and on the cover of the specifications.
- 15) Require that plans and specifications be prepared by a registered architect or engineer regularly engaged in the type of professional service involved and who can effectively discharge his professional responsibilities to the State.



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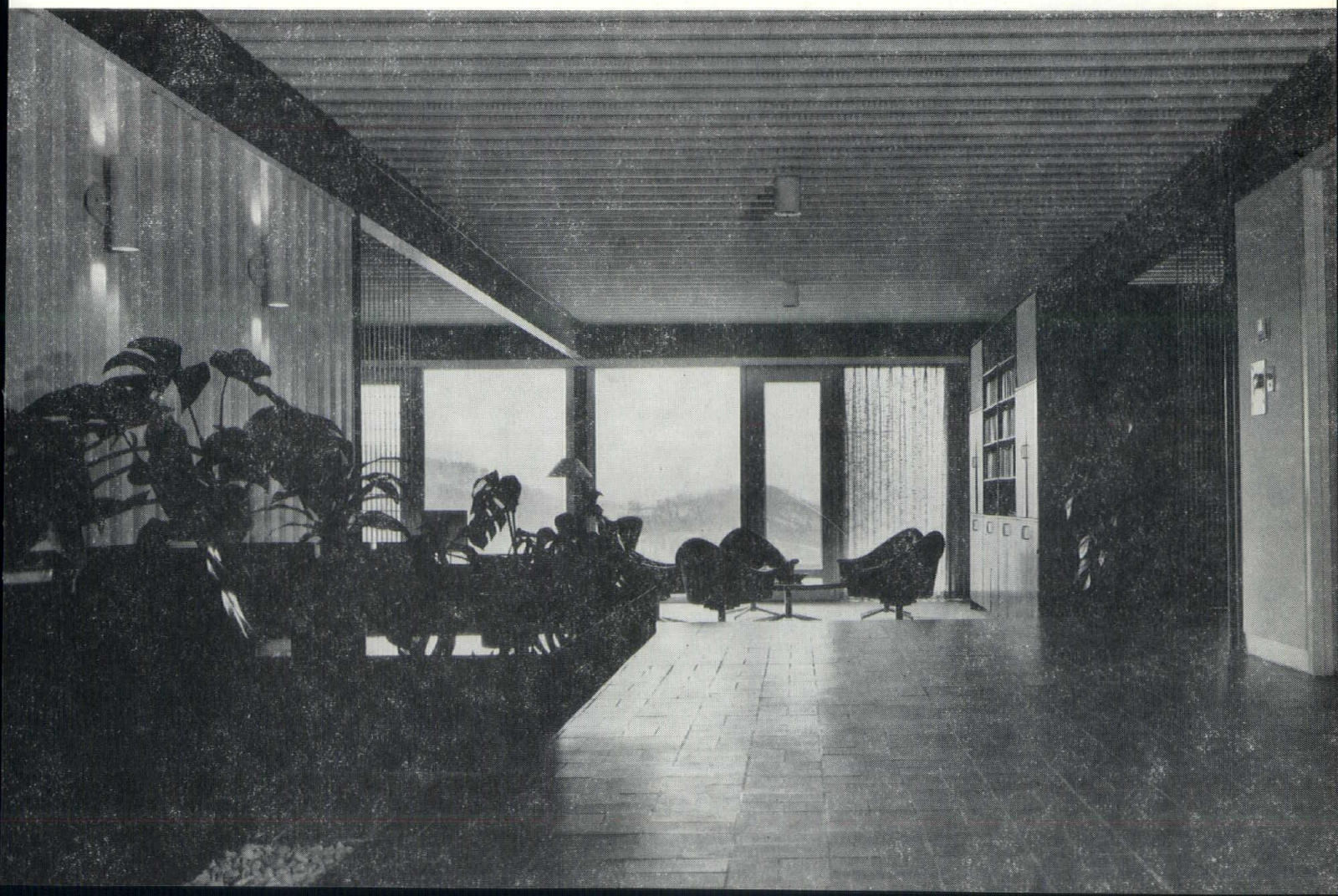


THIS MONTH THE INDIANA ARCHITECT is proud to present the work of architects of the Central-Southern Indiana Chapter, AIA. Geographically the largest Chapter in Indiana, stretching from just south of Fort Wayne to the Ohio River excluding the metropolitan Indianapolis area, the Chapter is the smallest in number of architects.

Presentations included were selected from material submitted by the Public Relations Committee, Indiana Society of Architects.

Committee members Elliott Brenner (Lafayette) and Tony Wilson (Richmond) bore responsibility for gathering and organizing the submissions.

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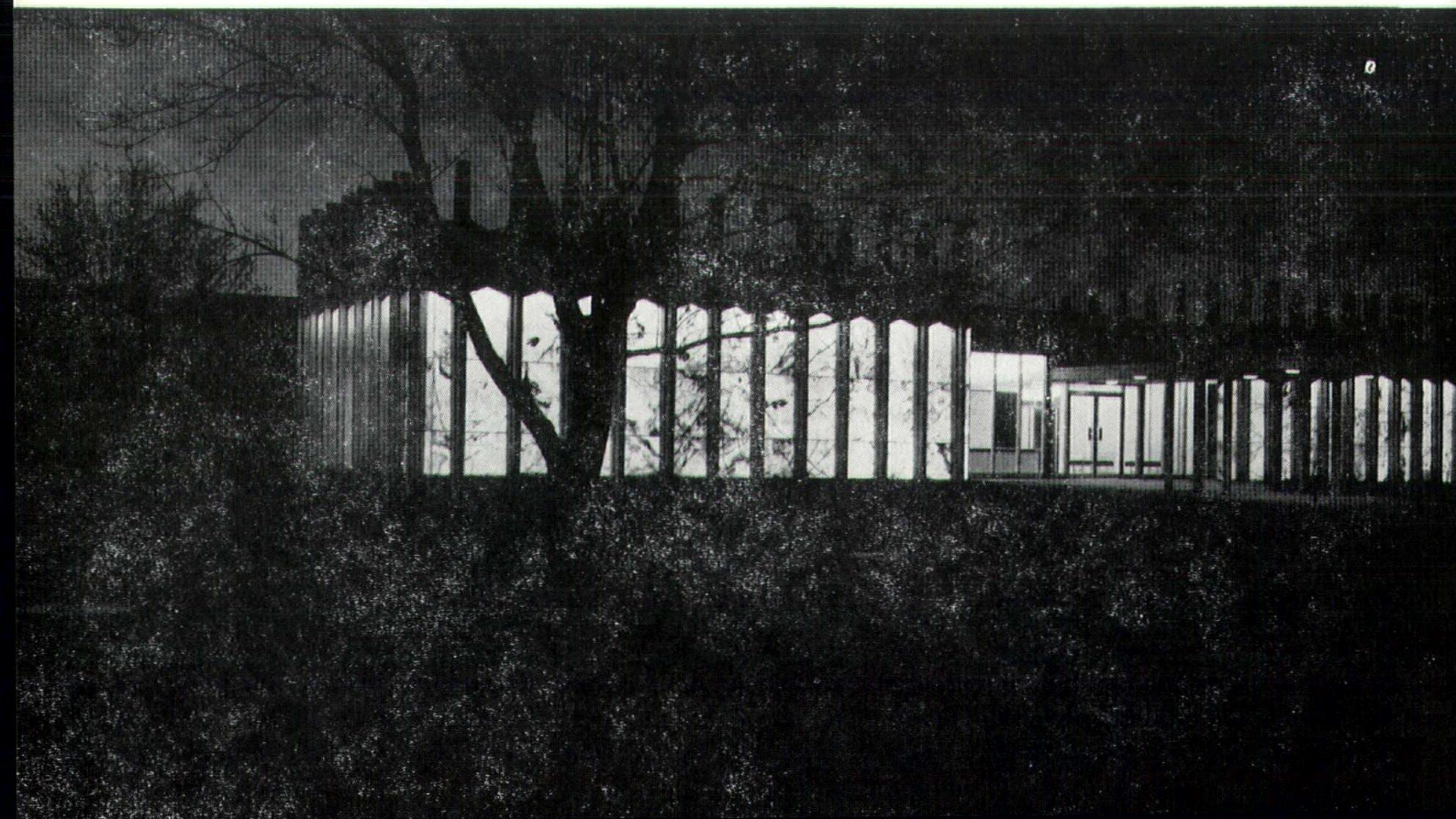




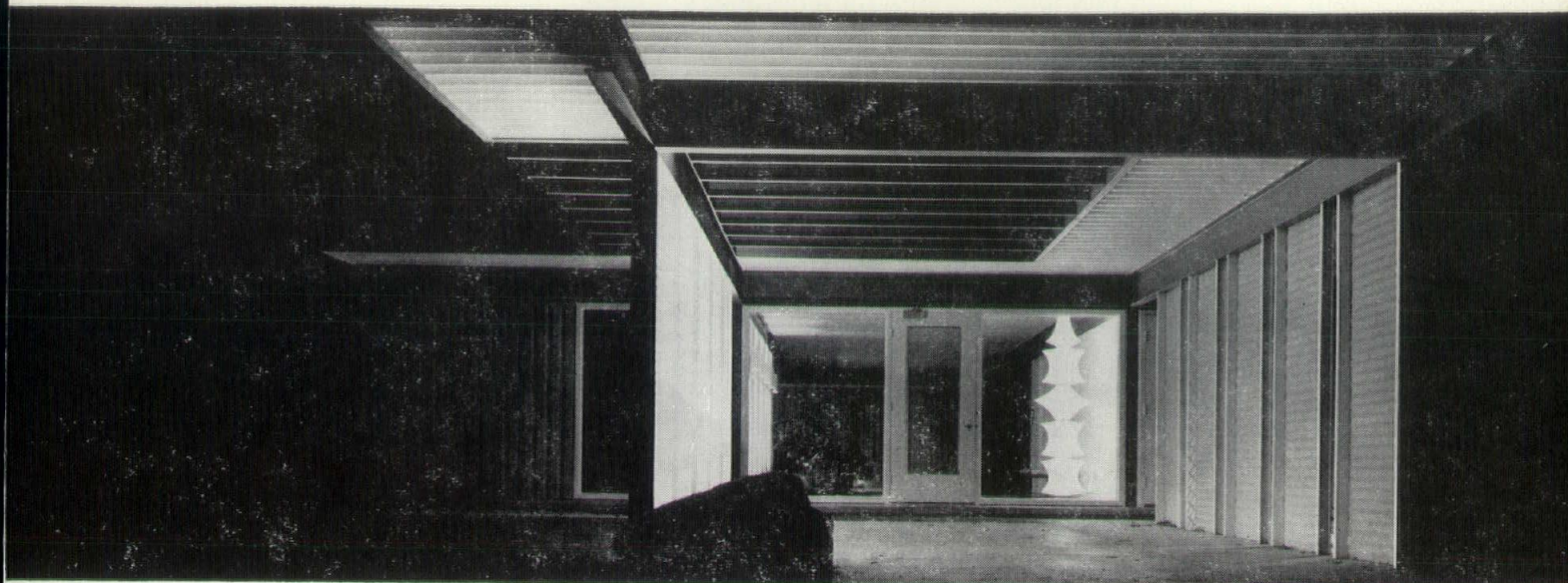


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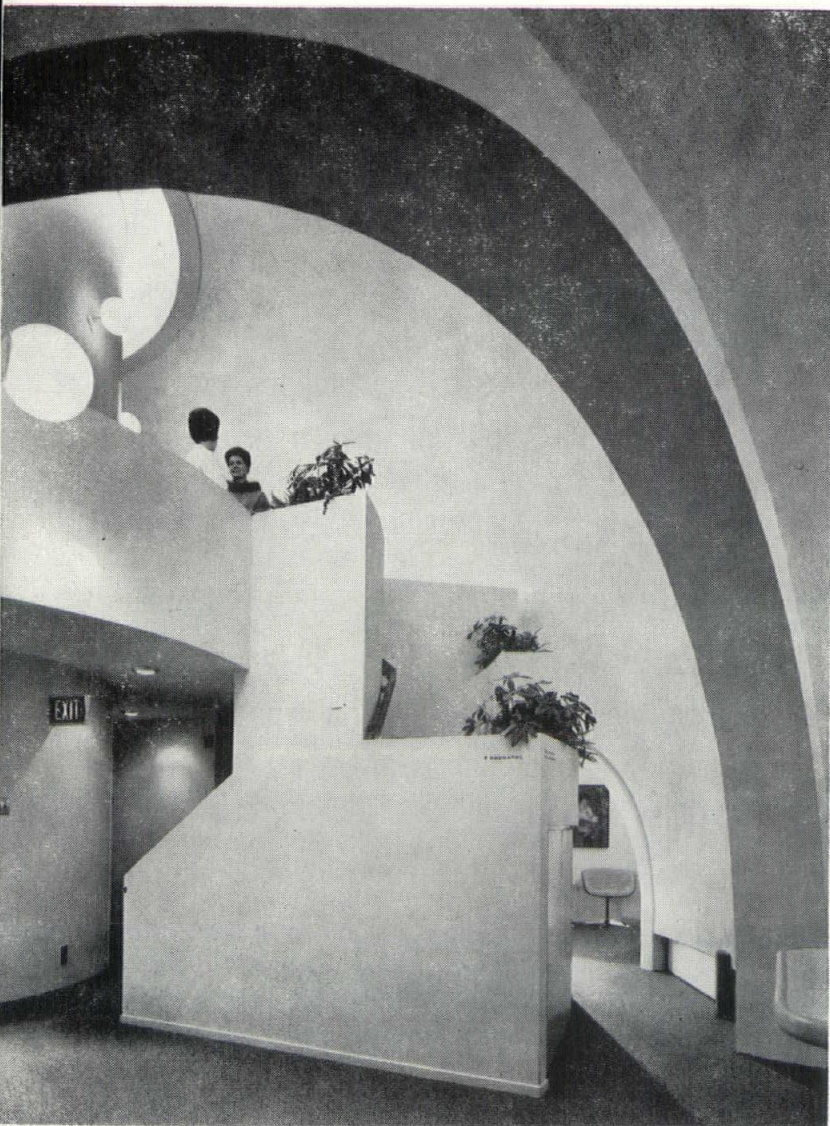
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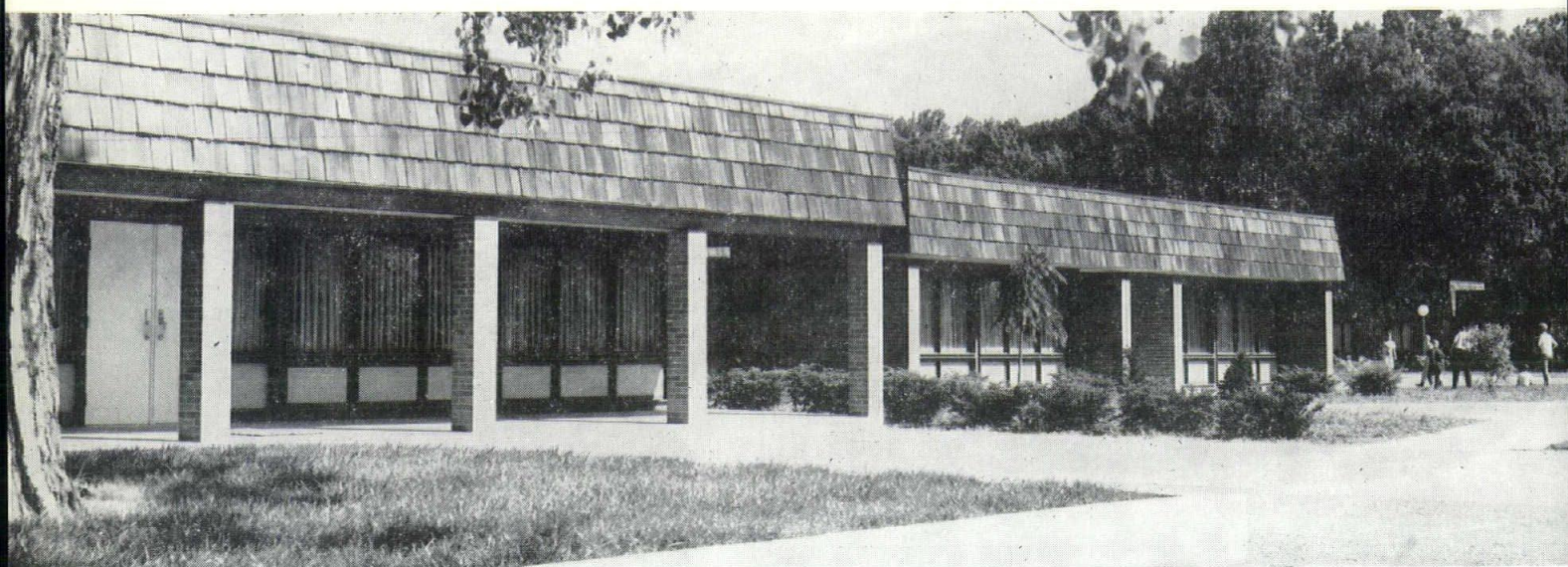


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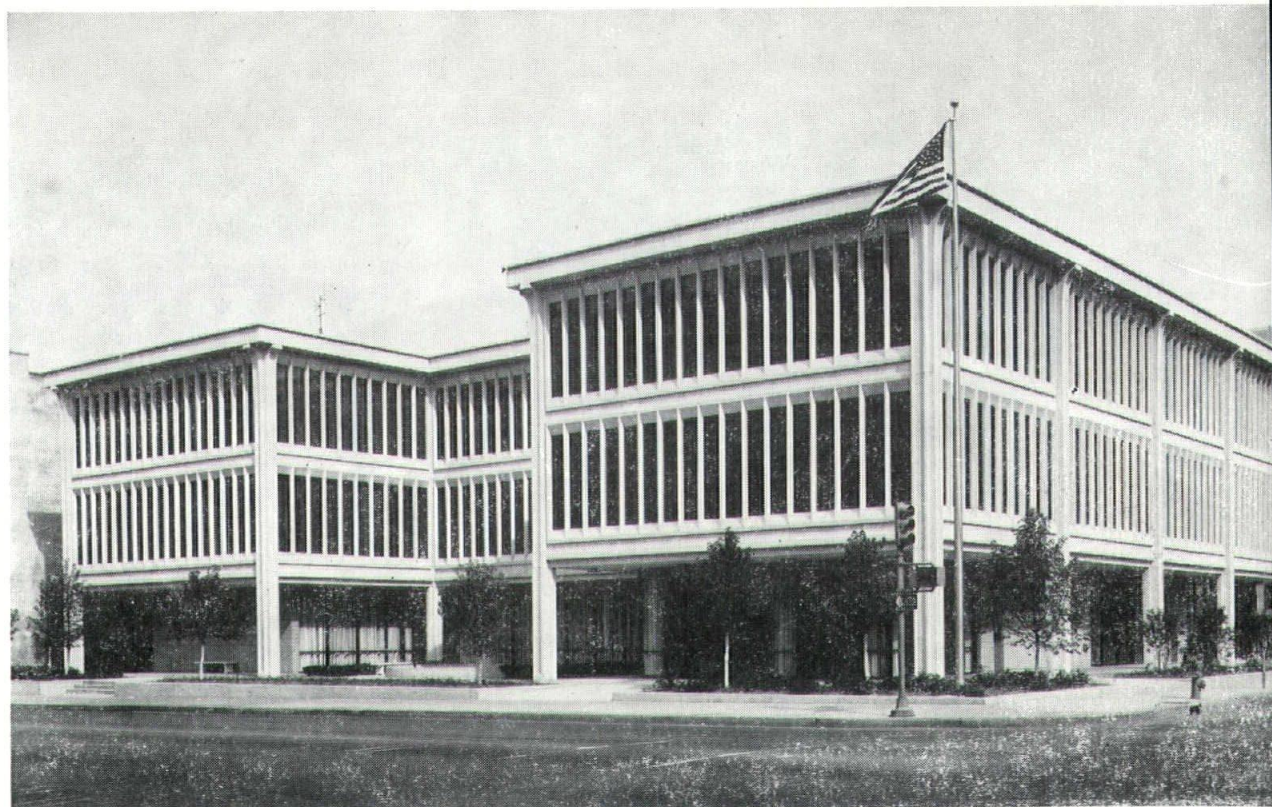


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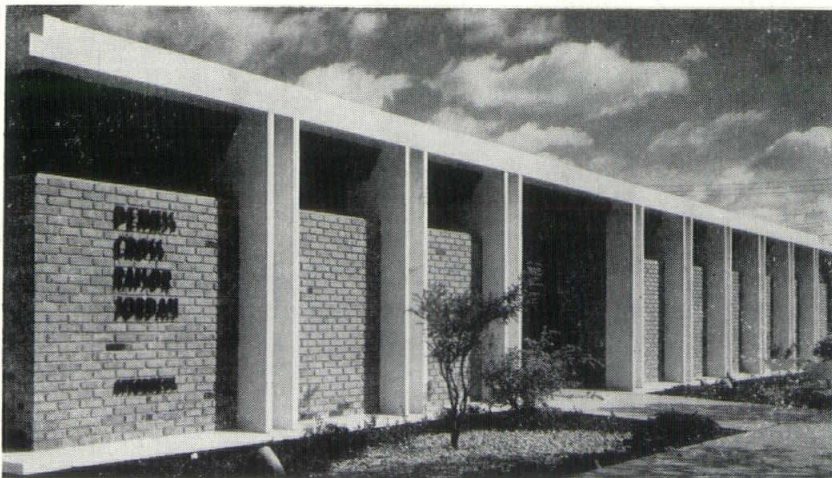


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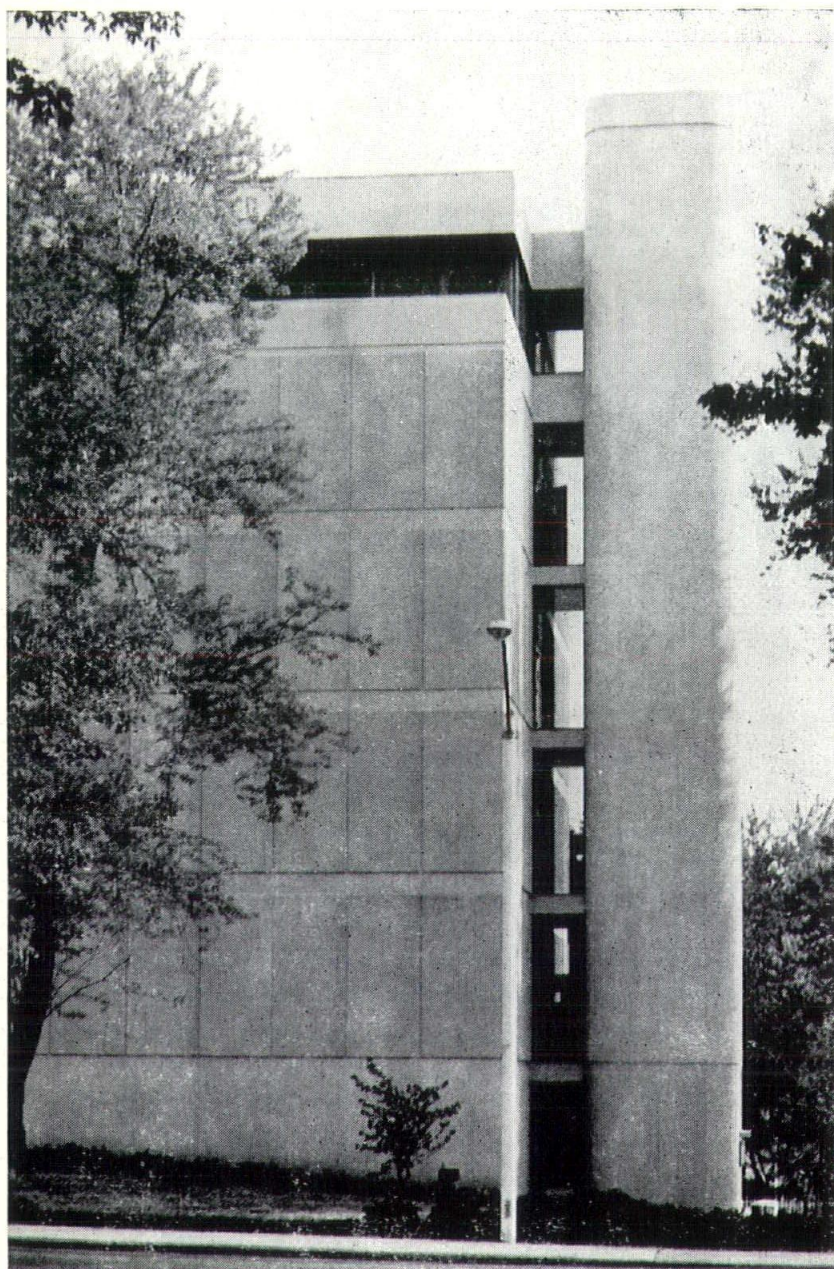


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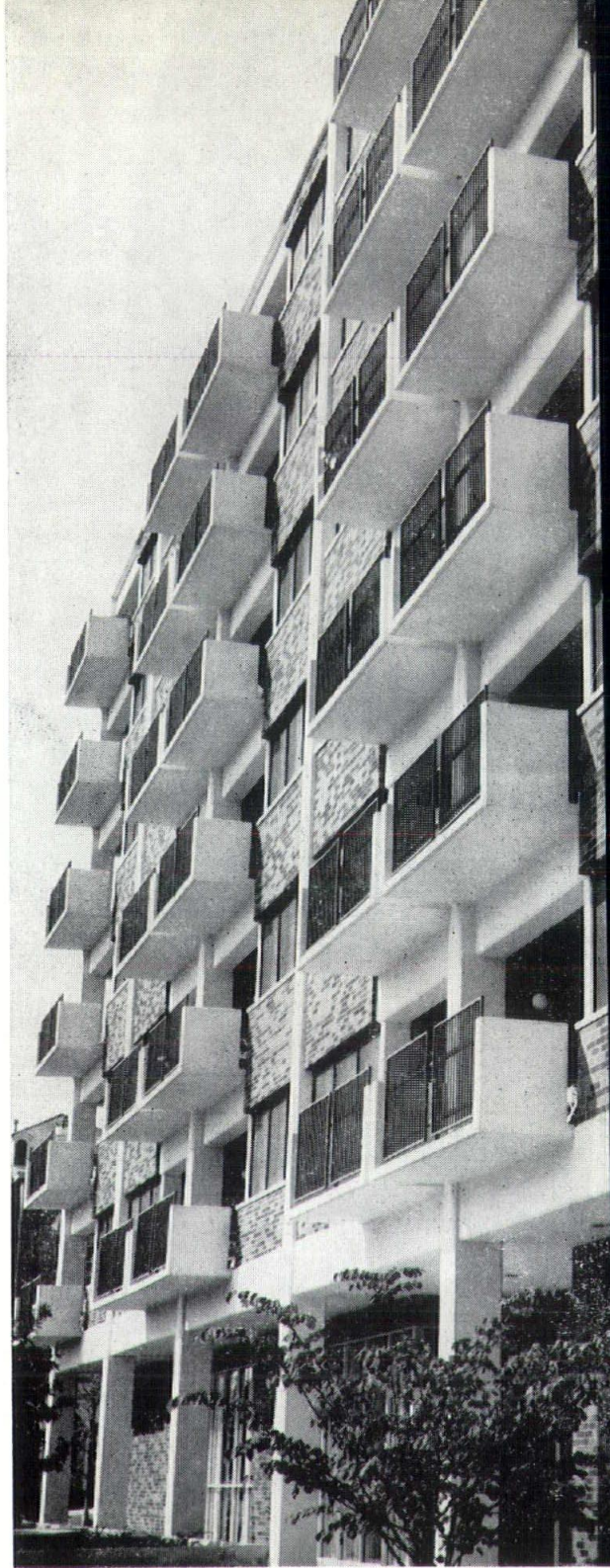


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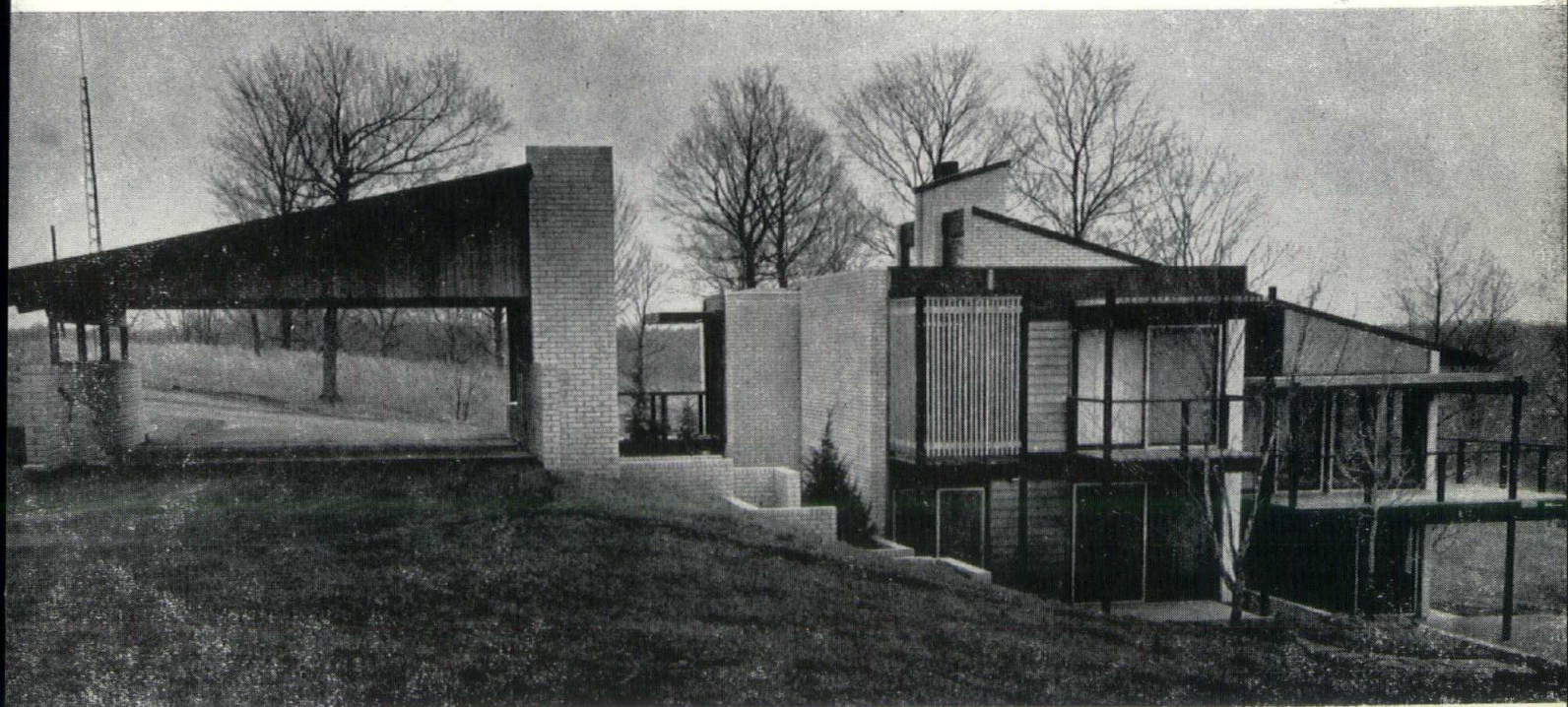


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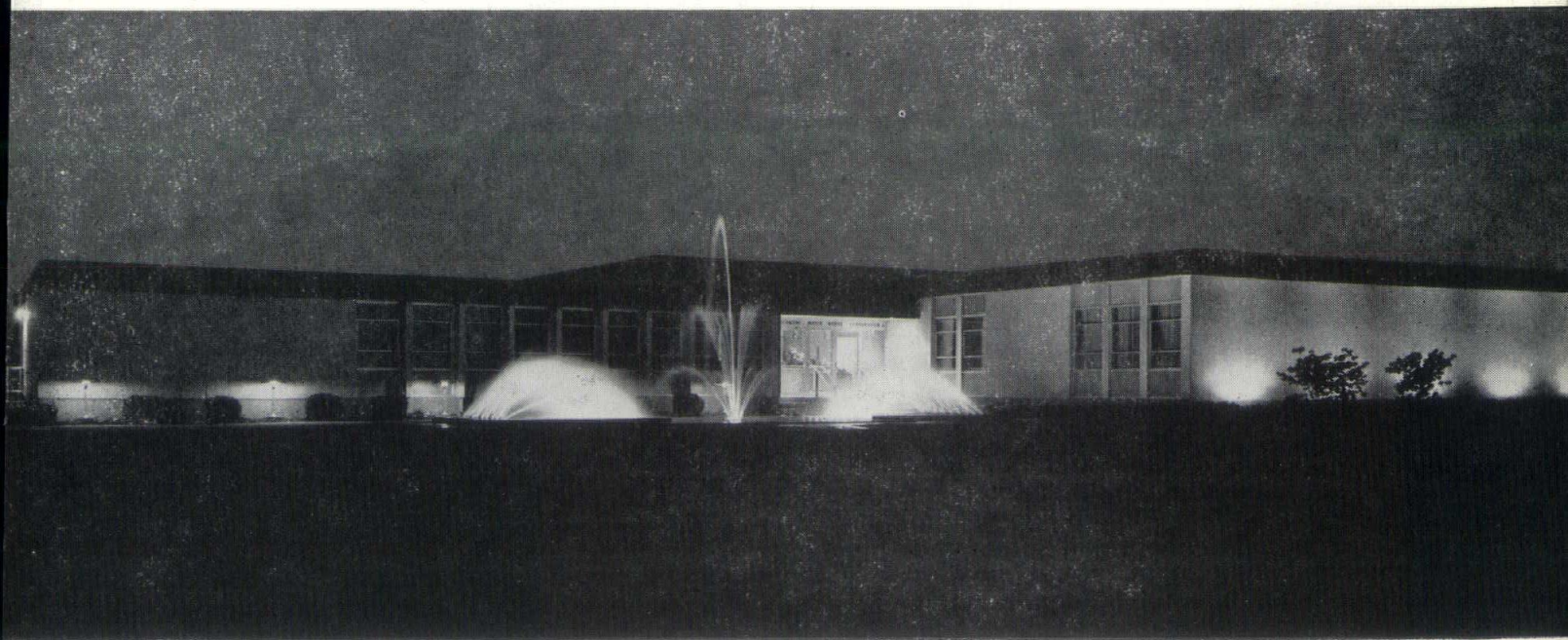
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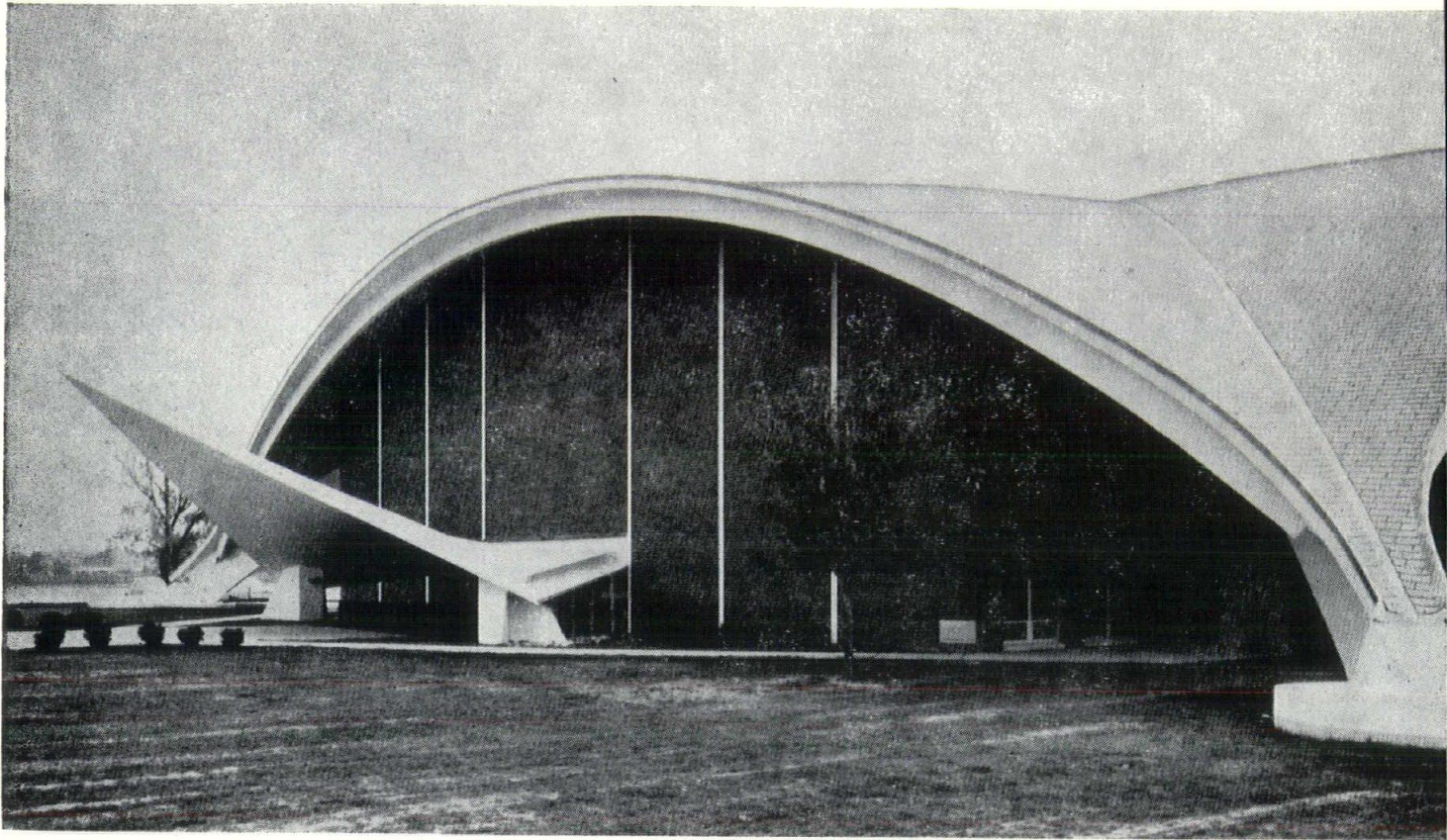


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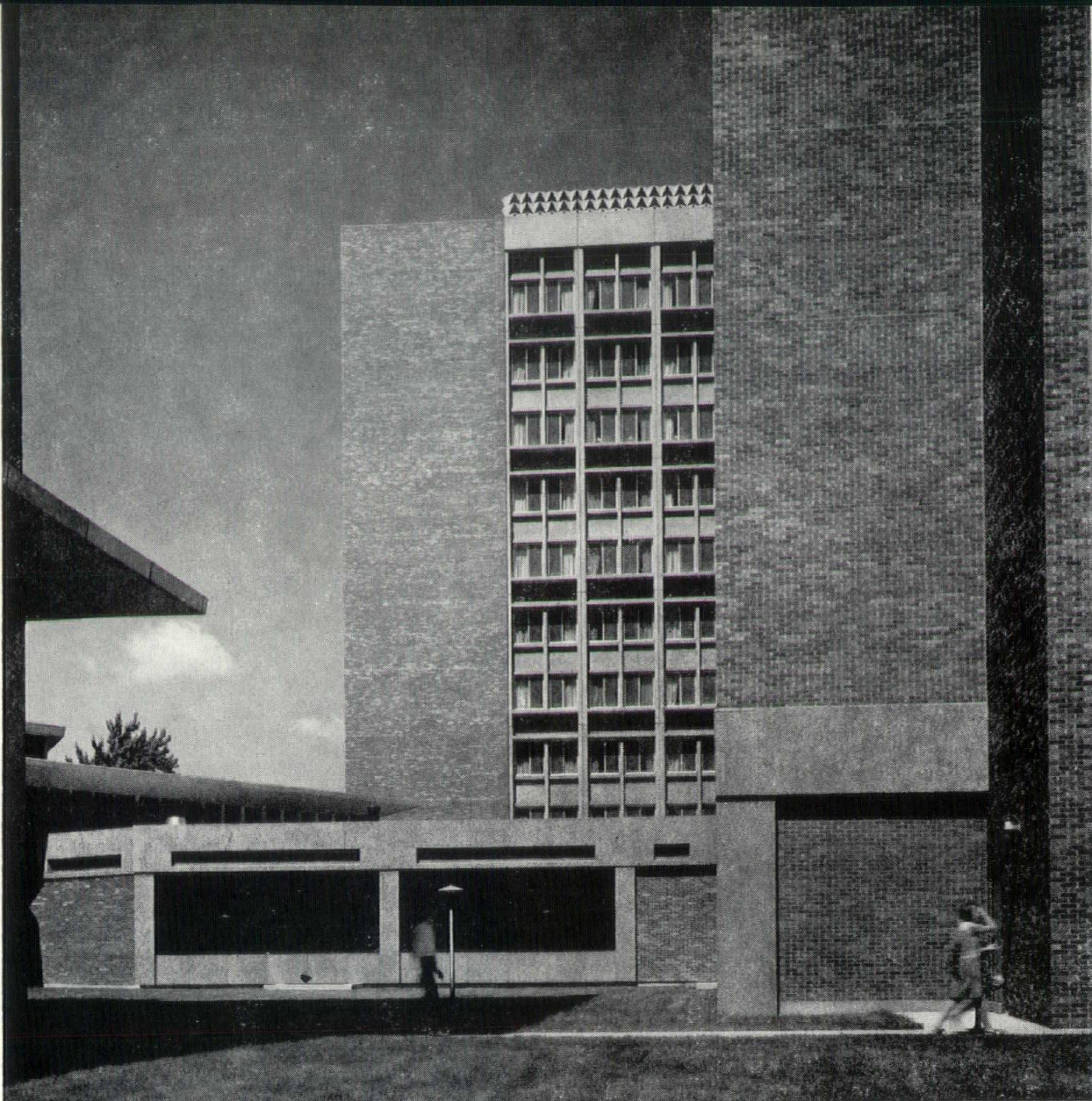


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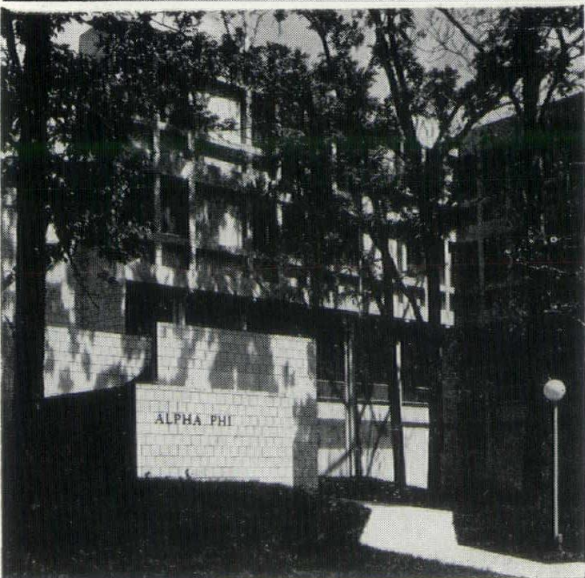


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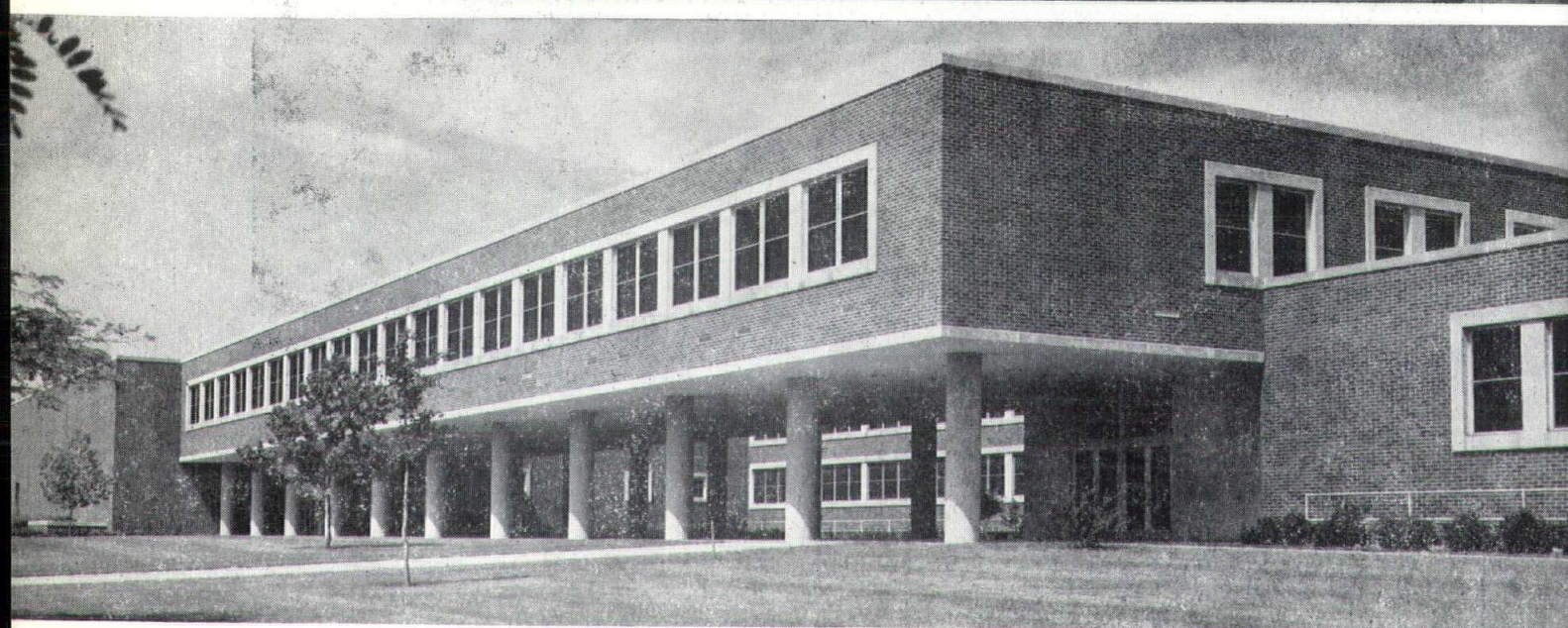


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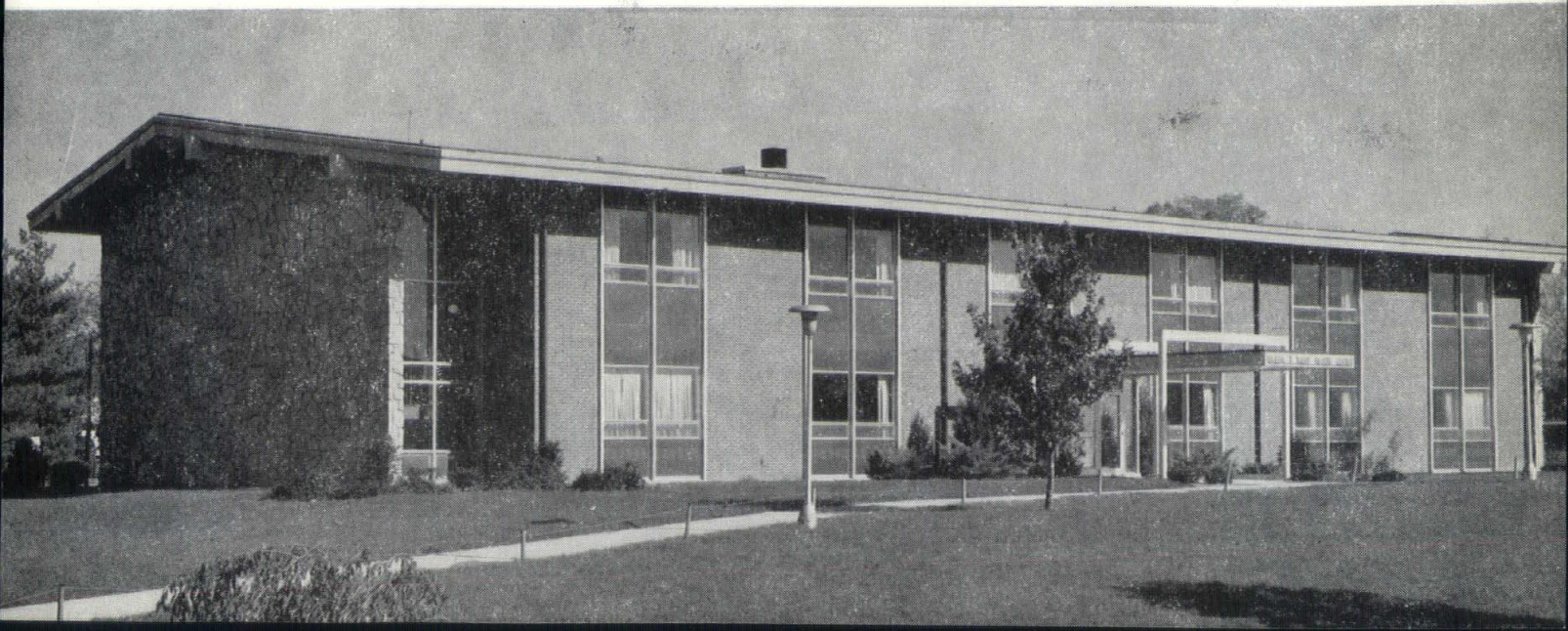
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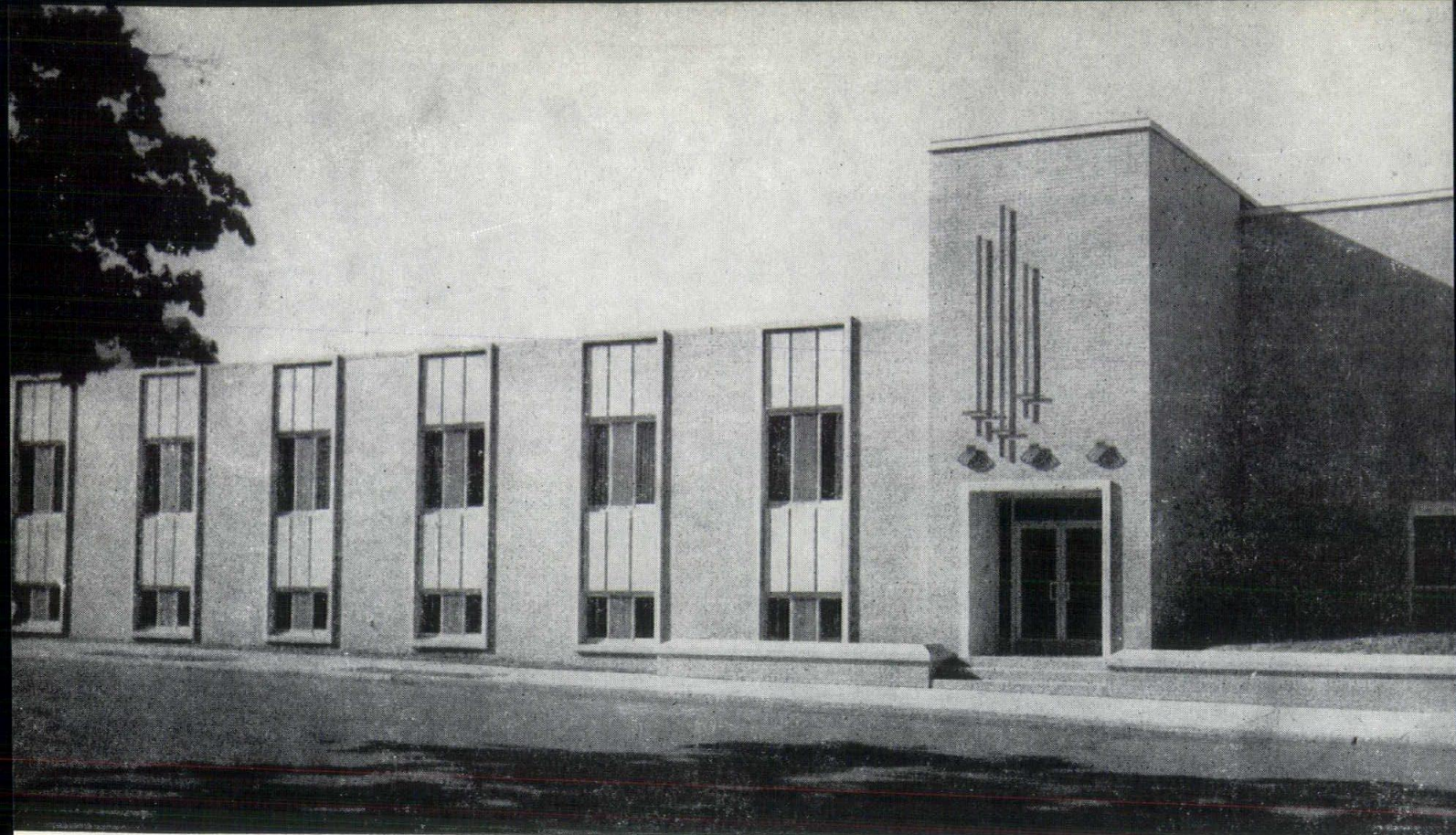


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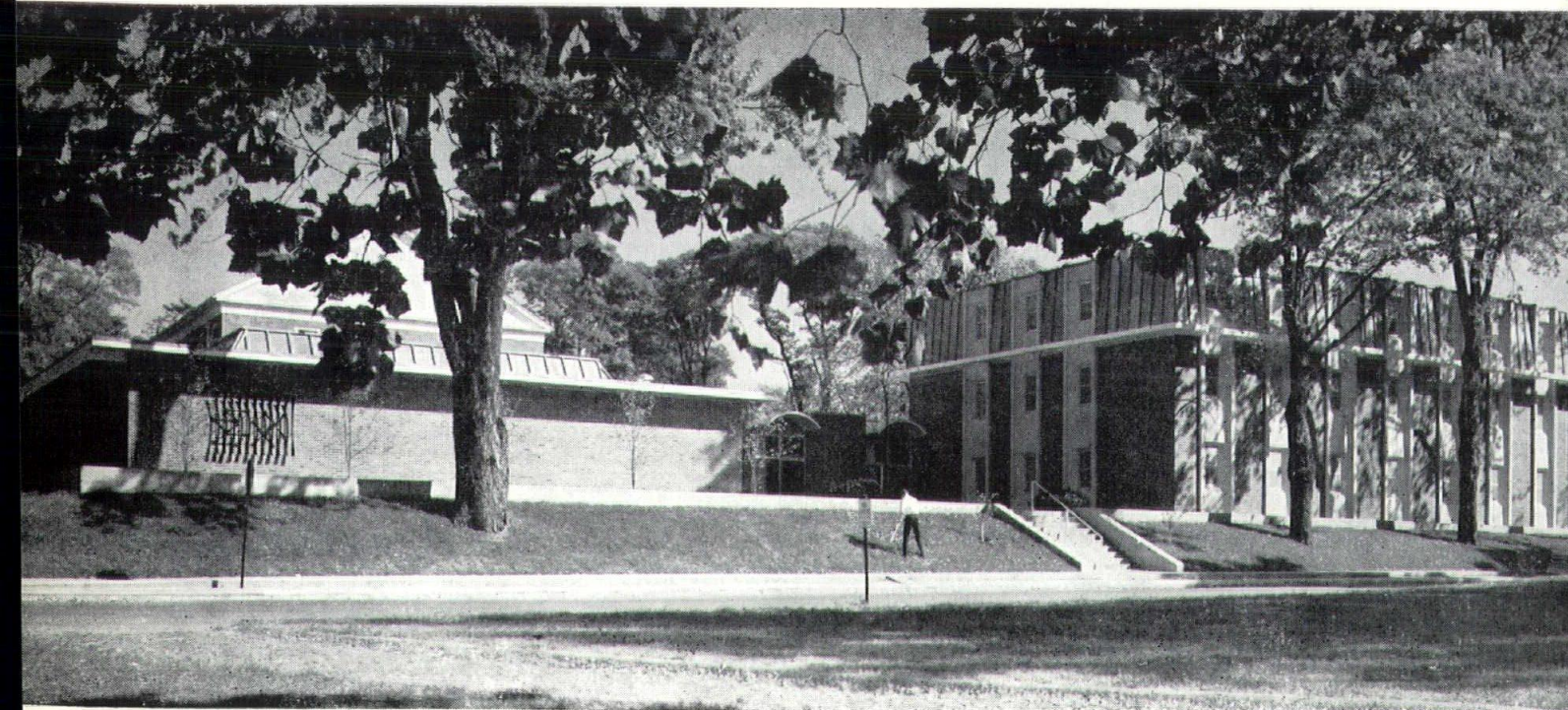
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# News

H. ROLL McLAUGHLIN AIA, Indianapolis architect and a principal in James Associates, is one of six architects nationally appointed to the Historic American Buildings Survey Advisory Board. His appointment was announced late last year by Stewart A. Udall, Secretary of the Interior.

Long active and well-known in the historic architecture and preservation fields, Mr. McLaughlin also serves on the National Committee for Historic Buildings, is Preservation Officer for the ISA, and a member of the Society of Architectural Historians, Natural Trust for Historic Preservation, American Association for State and Local History, American Forestry Association, Art Association of Indianapolis, Committee for Art and Culture of the Greater Indianapolis Progress Committee.



(HABS Advisory Board: (seated, left to right) F. Blair Reeves AIA, Chairman, AIA Committee on Historic Buildings; Miss Virginia Daiker, Library of Congress; Stewart A. Udall, Secretary of the Interior; Mrs. William Slater Allen, Trustee, National Trust for Historic Preservation; Howard Baker, Associate Director, National Park Service; (standing) Orin M. Bullock AIA, Baltimore architect, and Chairman, HABS Advisory Board; Dr. Ernest A. Connolly, Chief, Office of Archeology and Historic Preservation, National Park Service; Raymond Girvigan AIA, California architect; James C. Massey, Chief, Historic American Building Survey, National Park Service; Dr. George B. Tatum, President, Society of Architectural Historians, and Vice Chairman, HABS Advisory Board; William J. Wagner, Jr., FAIA, Iowa architect and Secretary, HABS Advisory Board; Mr. McLaughlin; Donald H. Parker ASLA, Landscape Architect, Colonial Williamsburg.)

## AIA

THOMAS R. KEENE AIA, Elkhart architect and past president of the Northern Indiana Chapter AIA, and his firm, Keene/MacRae As-

sociates, Inc. & Richard Paul Miller, have been honored as "Boss of the Year" by the Elkhart Junior Chamber of Commerce. The firm presently employs 58 people and is active in public housing and school design work.

## AIA

FRAN SCHROEDER AIA, Indianapolis architect, and LLOYD HICKERSON, executive director of the Indiana Society of Professional Engineers, serving as judges in the Indiana Concrete Masonry Association's Plant Improvement Contest selected Briedenbaugh Brothers of Jasper as winner of the major award for overall image. Schuster's Block Co. of Indianapolis was honored for neatest appearance of delivery equipment and Miller Block Company of Evansville was honored for the most improved plant. It was the fourth such program to encourage neater plant facilities for block manufacturers in Indiana.

## AIA

HAMILTON COSCO, INC., Columbus, is seeking an architect with broad experience in selection and designing of color, fabric and patterns for consumer products to serve as designer and consultant in these areas for all its divisions—including Household Products Division in Columbus, National Blenders in Alhambra, California, the Harper J. Ransburg Co. in Indianapolis, and the Plastic Academy Products Corp. in Leominster, Massachusetts. Interested persons should contact Mr. E. Keith Moore, Director, Corporate Design and Product Development, Hamilton Cosco, Inc., State Street, Columbus, Indiana 47201.

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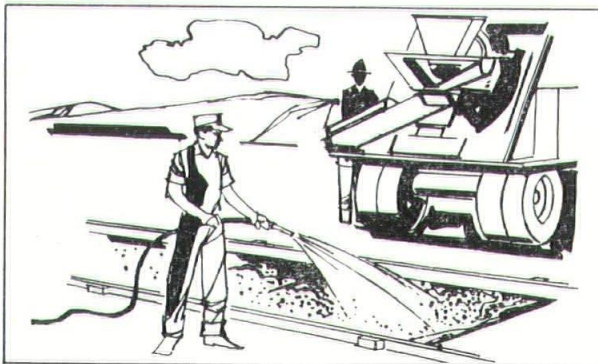
Customer satisfaction that brings repeat orders depends on quality concrete and good workmanship. To make the job go easier and assure top results with ready mixed concrete, a little advance planning goes a long way.

Order ready mixed concrete well in advance. Plan placing operations far enough ahead so that trucks can be scheduled to deliver the concrete at the exact hour needed.

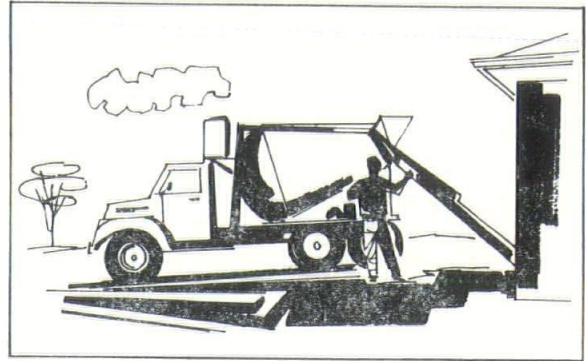
Ready mixed concrete must be placed in the forms promptly—not more than 1½ hours after mixing, sooner in hot weather.

Adequate preparation will save time and reduce confusion on the job. Here are some of the things you can do.

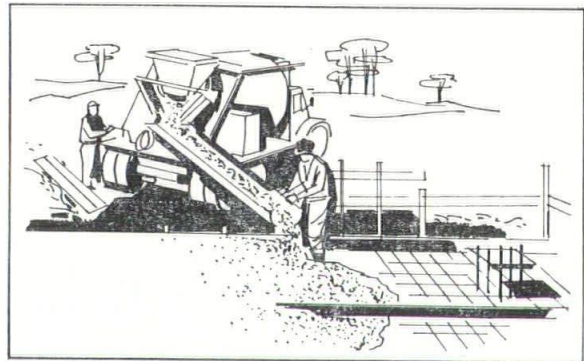
1. *Have forms well braced* to keep them aligned while concrete is being placed. Oil forms for easy removal.
2. *Have subgrade dampened* so ground doesn't absorb water from concrete.



3. *Have planks and runways in place* to protect existing construction and provide easy access for trucks.



4. *Have equipment handy* to speed placing of concrete.
5. *Have screeds in place.*
6. *Have straightedge ready* to strike off concrete before finishing.



7. *Have vibration equipment ready* for proper compaction, bond, elimination of air pockets.
8. *Have curing materials ready* to prevent rapid evaporation of surface water.

## Dangers of adding water to ready mix

Addition of extra water to ready mixed concrete—which has been accurately designed for a specific job—will seriously affect the strength, durability and watertightness of the finished concrete!



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# And The Winner Is..

MELVIN D. BERKEY AIA, a young South Bend architect, has won the AIA-approved competition to design the College of Architecture and Planning Building at Ball State University, Muncie. Mr. Birkley's concept was selected over the four other finalists in the two-stage competition which drew over forty entries in the first stage.

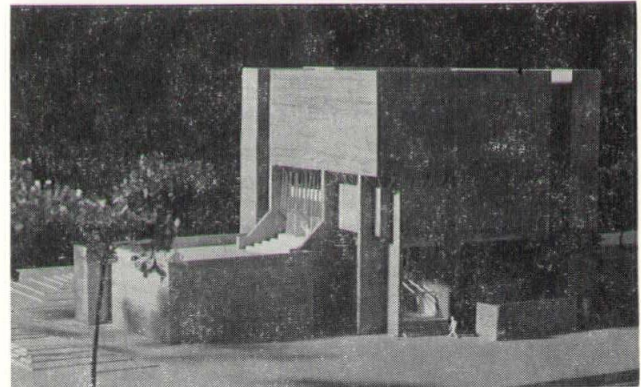
The selected design provides for six stories and basement with sunken plaza on one side. All utilities and storage are located in the basement, along with photo lab, drawing and research area and student concession area. Outdoor study is provided in the sunken garden. Exhibition space, dean's office, two-story lobby and combination auditorium-lecture room are located on the first floor, offices, conference room and upper parts of the lecture room, auditorium and lobby on the second. Most of the third floor is used to house the library, and the fourth, fifth and sixth floors are large open loft spaces which can be divided by moveable partitions into studios, seminar rooms and other functions.

The building is designed to house 360 students at a cost of \$1,300,000, and provision has been made for expansion.

Architect Birkey is an honor graduate of the University of Illinois' School of Architecture and also attended Taylor University. He is registered to practice in both Indiana and Illinois, and recently established his own office, M. D. Birkey and Associates, in South Bend. He has won first place honors in the Earl Prize competition for an architectural

building critique, both honorable mention and a finalist award in the National Institute of Architectural Education competition, and was a regional winner for the Paris Prize.

He was the chief designer of a master plan, science building and men's dormitory at



Bethel College, Mishawaka, and the project architect for Charles W. Cole and Son, South Bend.

Jury Chairman George W. Qualls AIA (Philadelphia) commented: "The jury was unanimous in its decision; we were in complete agreement. This building will meet the needs of Ball State; it's new, different, but it will sit quietly on the site. It will be a good neighbor to the other buildings around it, it won't be a little Parthenon sitting loftily on its lot.

"We were very happy with the five finalists, and we feel that Indiana is richly blessed with good architects, and no one need leave the State to find a good architect."



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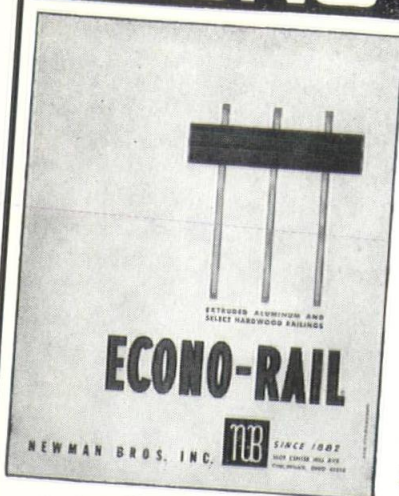
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# Cities In Context

THE DEPARTMENT OF ARCHITECTURE, University of Notre Dame, will host a four-day international conference on "Cities in Context," March 31 through April 3, at the Center for Continuing Education on the campus of Notre Dame. The conference is designed to stress the physical and administrative particularities of urban society, in recognition of the nation's increasing preoccupation with urban affairs and environmental conditions.

The sessions will concentrate upon the elemental context within which urban life is increasingly bound; the attention given to the form and fabric of cities, and to the social circumstances that prevail, now requires to be tempered by an application of other forces, cultural, ethical and natural, which are inescapable and which are ultimately decisive in their effects upon human welfare.

The array of speakers scheduled for the conference is most impressive, including:

Charles Blessing, Director, Department of City Planning, Detroit

Grady Clay, Urban Journalism Center, Northwestern University

Dr. Albert V. Crewe, University of Chicago, former director, Argonne National Laboratory

Dr. Henry Field, Professor of Anthropology, Harvard

The Hon. Charles Haar, Assistant Secretary Metropolitan Development, HUD

Sir William Haley, Editor-in-Chief, EN-

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Edward T. Hall, Professor of Anthropology, Northwestern

Calvin Hamilton, Director, Department of City Planning, Los Angeles

Desmond Heap, Comptroller of the City of London

Rev. Theodore M. Hesburgh, CSC, President, Notre Dame

Michael Hugo-Brunt, Professor of City Planning, Cornell

Dr. Juscelino Kubitschek, formerly President of Brazil

Lord Llewelyn-Davis, Director, School of Architecture, University of London

George McCue, ST. LOUIS POST-DISPATCH

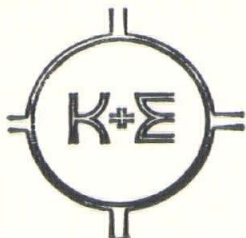
Dipl-ing. Rolf Schwedler, Senator fuer Bau und Wohnungswesen

William L. Slayton, Executive Vice-President, Urban America Inc.

Dr. Philip Thompson, National Center for Atmospheric Research

Wolf Von Eckhardt, WASHINGTON POST

Additional information regarding the conference can be secured from the Department of Agriculture, University of Notre Dame, Notre Dame, Indiana 46556. Advance registration for the conference (fee, \$100.00), must be made no later than March 20th as facilities are limited.



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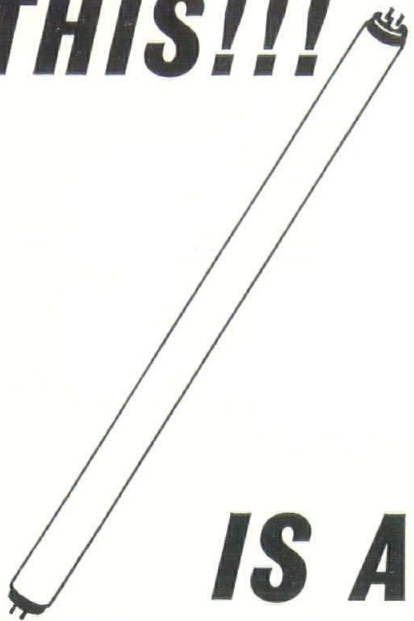
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## Ball State Lectures

Architecture Building, Ball State University, Muncie, 8:00 P.M., EST

JANUARY 29—College of Architecture Building—Presentation by the winning Indiana Architect

FEBRUARY 5—Color and Light in our Environment—Joseph Cox, Professor of Architecture, North Carolina State University

FEBRUARY 12—Work of Mies Van Der Rohe—George Danforth, Director of Architecture Department, Illinois Institute of Technology

FEBRUARY 19—Indiana Courthouse—David R. Hermansen, Associate Professor of Architecture, Ball State University

MARCH 11—American Crafts—Charles Counts, Designer-Craftsman, Rising Fawn, Georgia

MARCH 18—Building the Chicago Civic Center—Jacques Brownson, Chairman, Department of Architecture, University of Michigan

MARCH 25—Life in the Year 2001—Arthur C. Clarke, Author of "2001: A Space Odyssey" (to be held in Emens Auditorium, Ball State University)

APRIL 1—Historic Architecture Surveys—James C. Massey, chief, U.S. Department of Interior, Historic American Buildings Survey

APRIL 8—Physical Science Building, University of North Carolina—Herbert McKim, architect, Wilmington, North Carolina

APRIL 15—University Planning and Architecture North of the Border—Thomas Howarth, chairman, Faculty in Architecture, University of Toronto.

APRIL 22—Exhibition Opening—Albinson, Cadwallader and Schultz, Knoll Associates

MAY 6—Indianapolis Education Center—Robert N. Kennedy, architect, Indianapolis

May 13—U.S. Steel Building, Pittsburgh—U.S. Steel Corporation Construction Marketing Division

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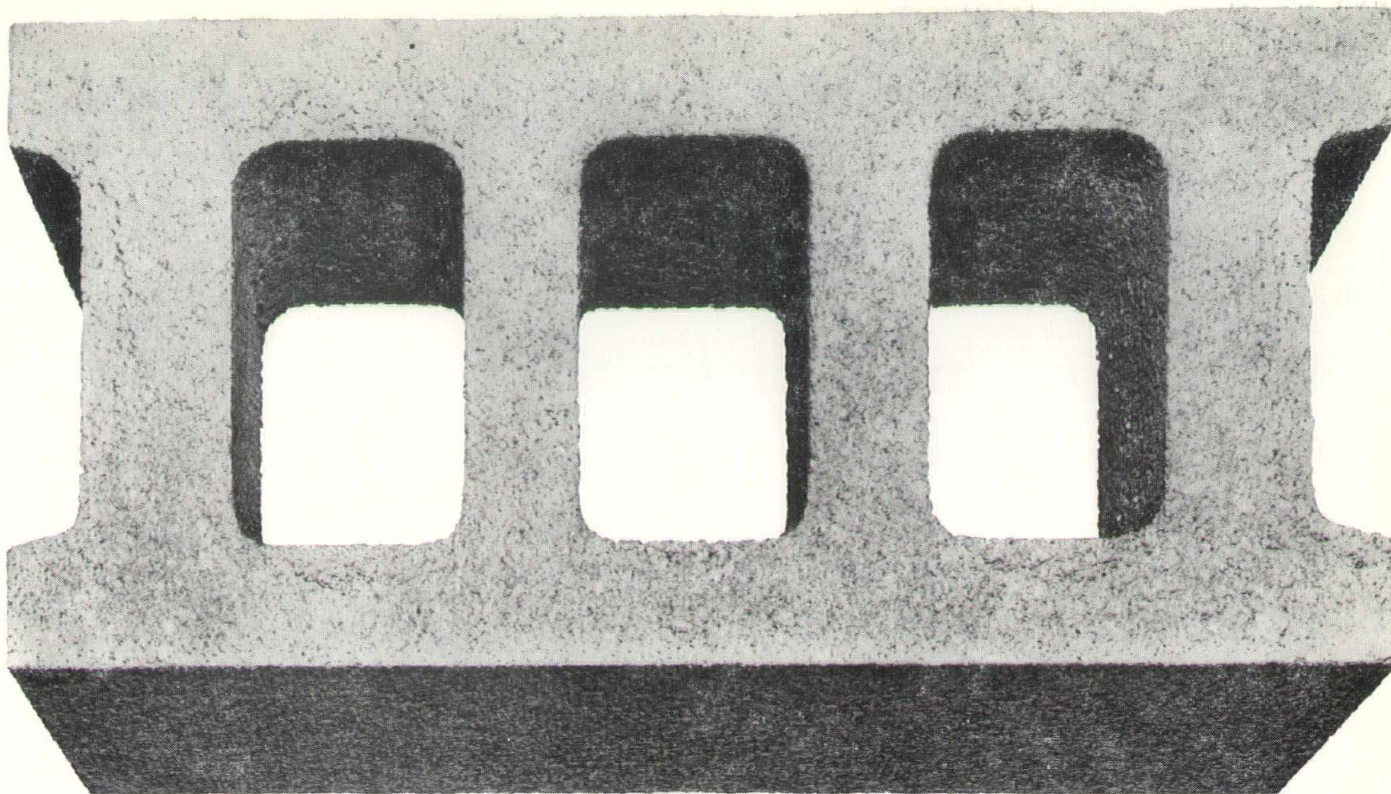
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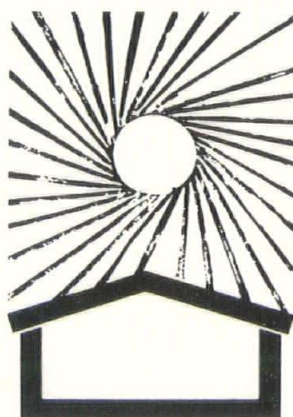


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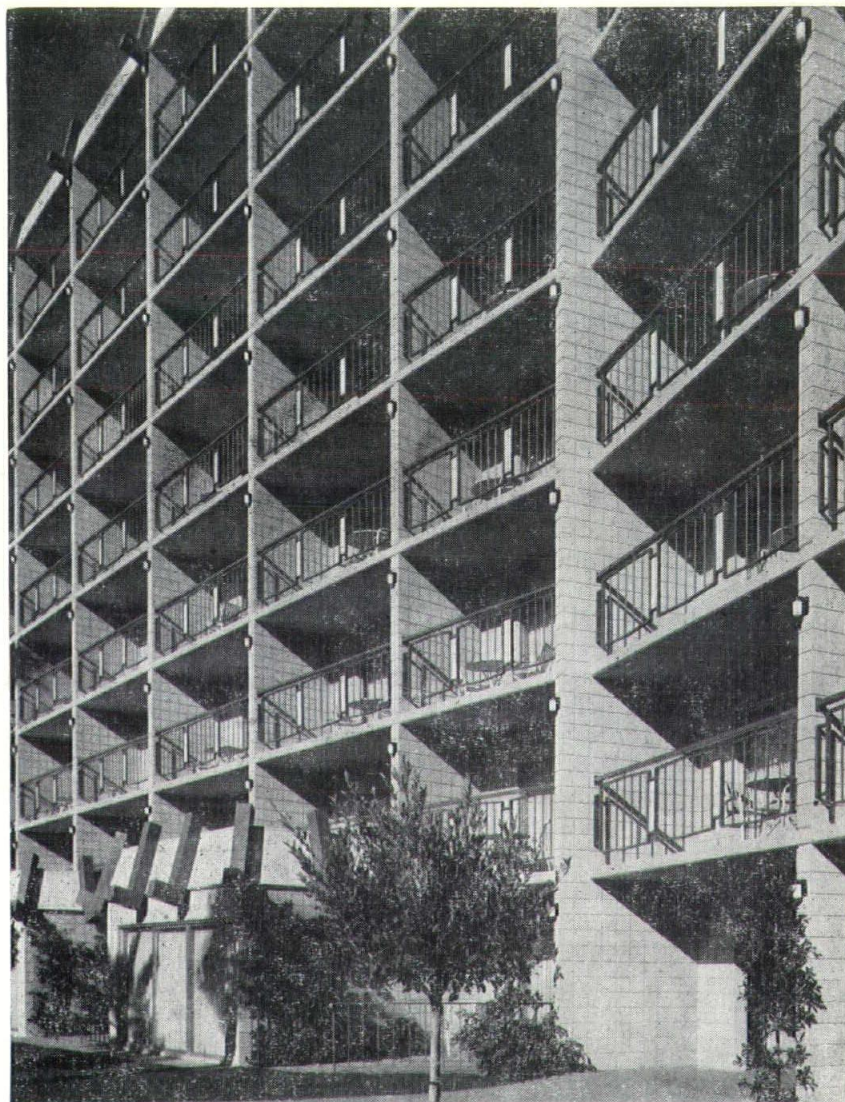
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