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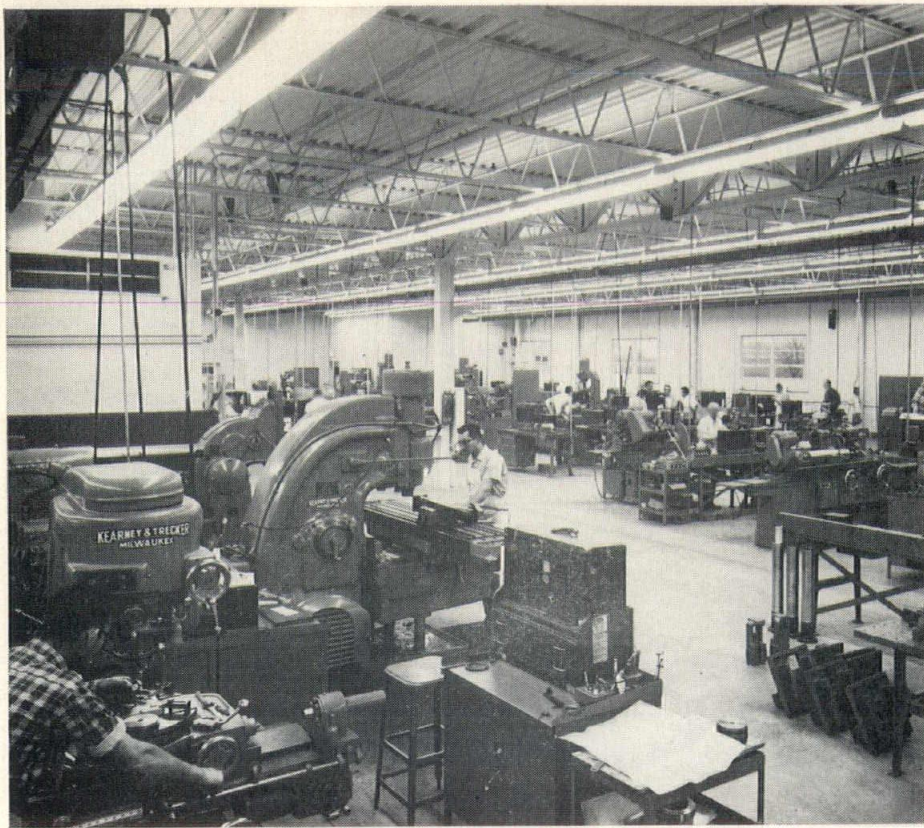
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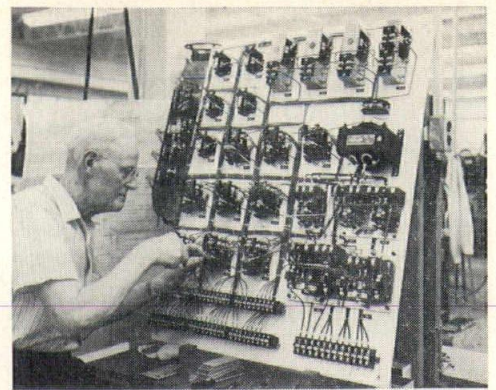


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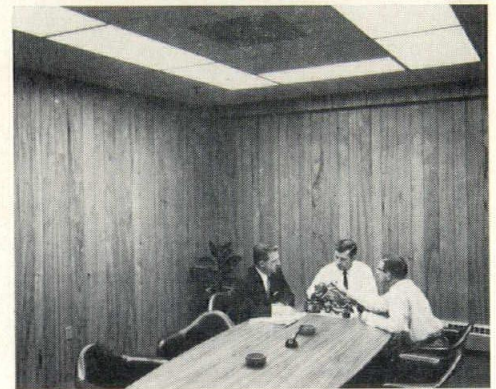




Fort Wayne Tool & Die, Inc., Fort Wayne



Wiring board operation



Board room lighting

## Planned Lighting Essential for Accuracy In Fort Wayne Manufacturing Operation

*Light as a tool for seeing enters into practically every phase of work at Fort Wayne Tool & Die, Inc., manufacturers of stator winding equipment. From the time the intricate drawings for the equipment are prepared, until the piece is produced, detailed eye-work is required. Proper lighting here helps accuracy, speed, and safety.*

When shadows come between people and their work, they are less productive and less efficient. Shadows cause eyestrain, and eyestrain causes fatigue, tension and errors. The remedy in most cases is evenly-distributed lighting. Buy the right equipment and install it right.

In the office, good diffused lighting wipes away harsh contrasts. Shadows force clerical help to bend closer to their work and the result-

ing fatigue will increase chances of error. Proper illumination can improve morale and reduce such errors.

In the shop, accidents go down and production goes up as lighting improves. Case after case of actual experiences have proven this. Shadows slow down worker's seeing speed and time is wasted. Proper lighting eliminates these drawbacks and reduces accidents.

There just isn't a blanket answer to shadows and other lighting problems. The right quality and the right quantity of lighting are important. Proper placement of proper fixtures means a lot, too. Before you make any changes in your lighting system, we suggest you invite your I&M Power Engineer in for free consultation. He'll help you get the best lighting for the job and the best lighting for your money.



**Accuracy in seeing can prevent costly mistakes** in drafting rooms. Uncontrolled or improper light drapes work in shadow—an important line on a drawing may be left out. Evenly distributed lighting chases the shadow.

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Christianity's Sacred Symbol—the cross—has been pictured in over 140 of its variations in a new booklet published for architects by Overly.

Entitled "The Cross," the new booklet is a product of over five years of research. It separates the cross designs according to their time of origin and includes a historical review of their religious significance and usage.

A separate section catalogs all of the basic cross forms, including crosses from the ancient civilizations, crosses from the early church and the crosses from heraldry. Additional information is offered on how Overly crafts these religious symbols and the important data the architect needs to know when ordering a cross.

*These cross designs will be useful to architects in designing church interiors, in selecting the altar cross or in providing external ornamentation for contemporary religious buildings.*

"The Cross" is available to all architects on letterhead request. Send for your copy today.

\* \* \*

*Another U/L Testing Breakthrough has been achieved by Overly in the recent fire test of a pair of Overly doors, 7' x 7' in size, for a U/L "A" label of 3 hours of fire resistance. These larger doors use new Von Duprin Concealed Fire Exit Hardware, giving the architect U/L labeled doors a full foot wider than heretofore available with the aesthetic advantage of concealed hardware. For more information, write to Manager of U/L Labeled Products, Overly Manufacturing Company.*

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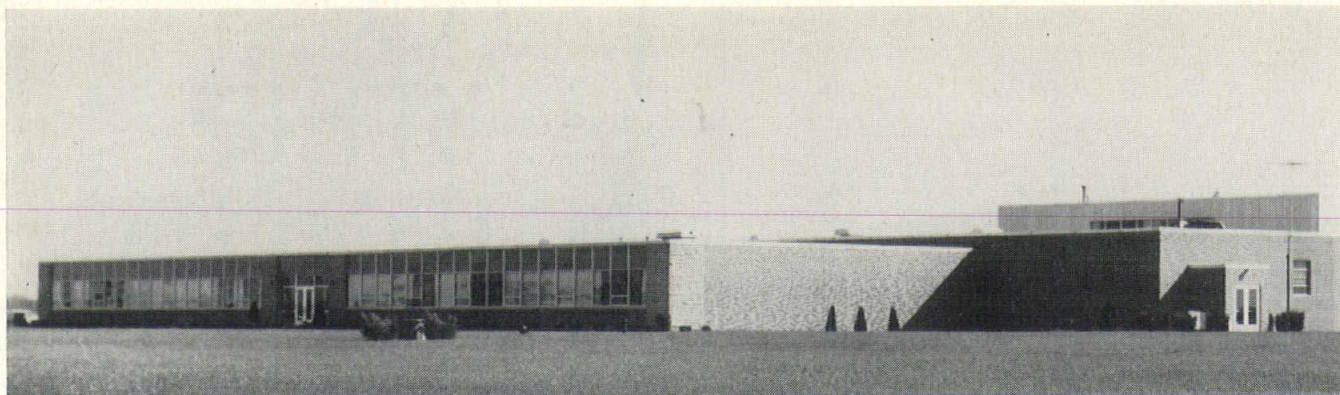
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## **TEETER QUADRANGLE**

Indiana University

*Architect:* — **EDWARD D. JAMES, FAIA**



## **RESIDENCE HALL H-4**

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**Indianapolis, Ind.**



# Indiana Architect

Official Journal, Indiana Society of Architects and the Northern Indiana Chapter, both Chapters of The American Institute of Architects

Vol. VI OCTOBER, 1962 No. 6

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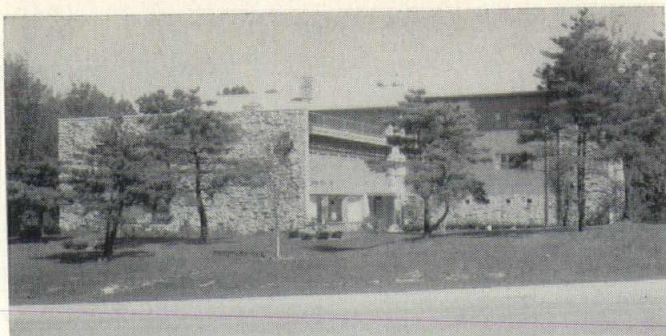
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## SIGMA DELTA TAU SORORITY HOUSE

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# Registration Board Names 19 New Architects

The Indiana State Board of Registration for Architects has announced that nineteen applicants for registration successfully passed all phases of the 1962 State Architects' Examination. The new architects are:

RONALD LEE BOTNER

7210 Wabash Avenue  
Terre Haute, Indiana

RICHARD THOMAS BARTON

1921 Mathias  
Fort Wayne, Indiana

WENDELL JEROME CAMPBELL

3614 Pennsylvania Ave.  
East Chicago, Indiana

GEORGE WILLIAM COX

1717 Glenn Ellyn Drive  
Muncie, Indiana

WILLIAM L. DANKERT

6253 East 43rd Street  
Indianapolis, Indiana

GAYLORD HARVEY FORBES, JR.

5715 Remington  
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JOHN STANTON KANE

831 Harvey Street  
Anderson, Indiana

DONALD FREDERICK LANGEBAEDEL

6050 E. 16th Street  
Indianapolis, Indiana

RONALD KEITH LEACH

"Oakwood," Capt. Frank Road  
New Albany, Indiana

MONROE MCGIBENY

600 Strauss Building  
Fort Wayne, Indiana

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3917 Clifton Avenue  
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R.R. #2  
c/o Hinshaw Trailer Court  
Carmel, Indiana

JOHN WILLIAM PRICE

1533 Jeffers Avenue  
Marion, Indiana

URBAN LYNN READY

3847 N. Graham  
Indianapolis, Indiana

ROBERT WM. STEVENS, JR.

1033 Cherry Street  
Huntington, Indiana

DANIEL A. SNYDER

751 Leland Avenue  
South Bend, Indiana

CHARLES S. SHOEMAKER

5832 Bolton Court, North B-4  
Indianapolis, Indiana

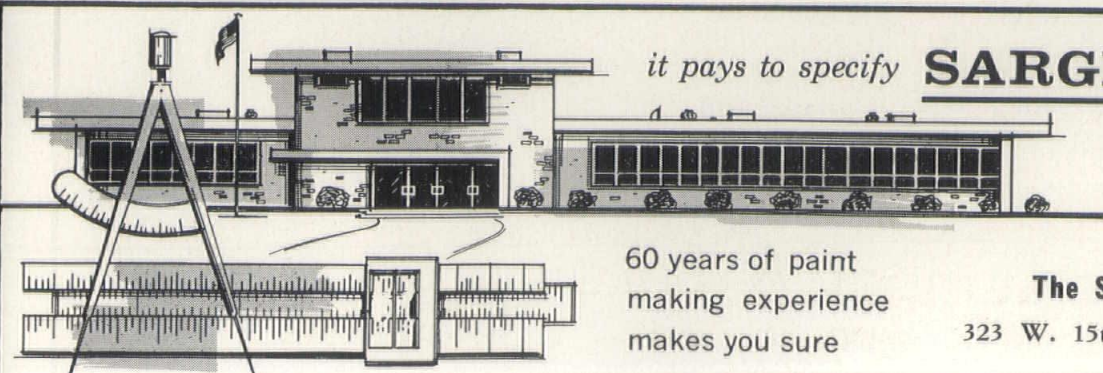
PHILLIP E. UHL

816 Kinnaird  
Fort Wayne, Indiana

DONALD G. WOOD

2301 California Street  
Columbus, Indiana

The annual examination of applicants for registration was held June 12th through June 15th on the campus of Purdue University in Lafayette. Registration Board members are Edward D. James, FAIA, Indianapolis; Walter Scholer, Sr., FAIA, Lafayette; Warren D. Miller, FAIA, Terre Haute; Wilson L. Ford, AIA, Indianapolis; and Roy A. Worden, AIA, South Bend.



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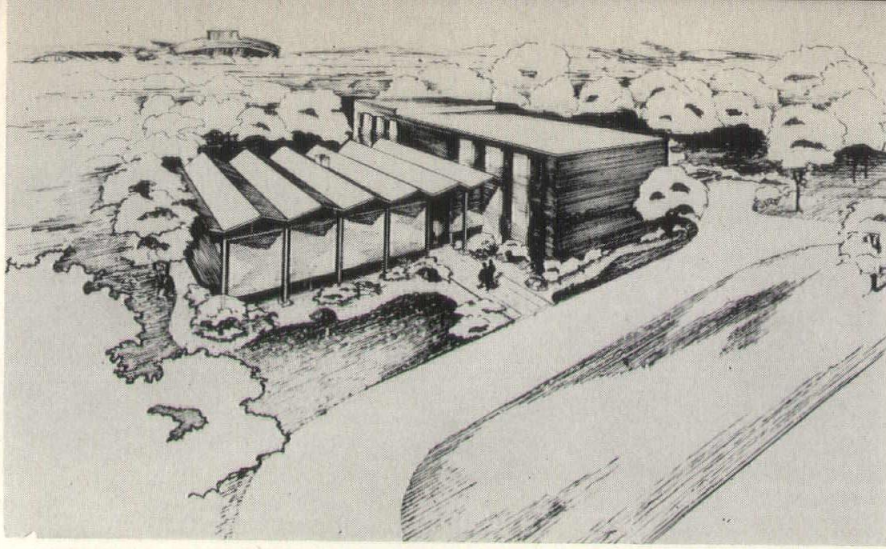
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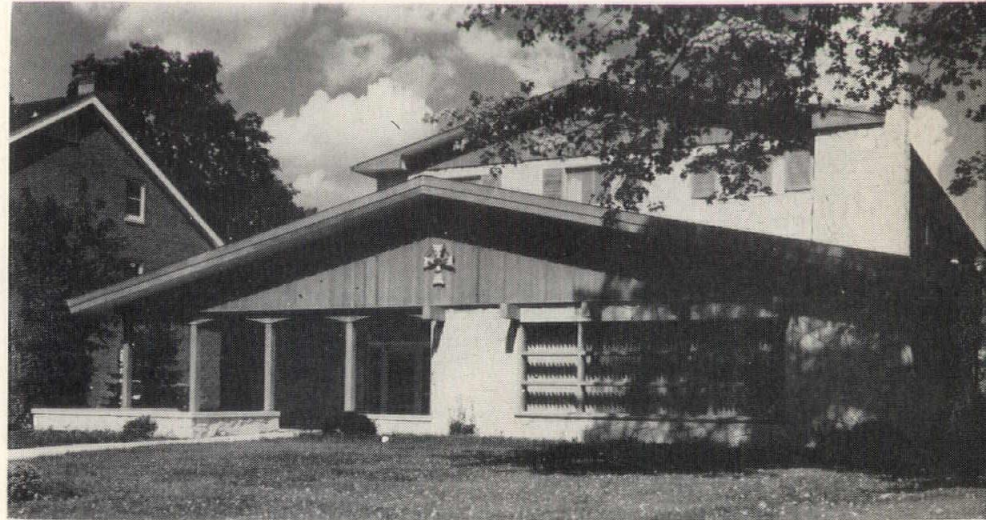
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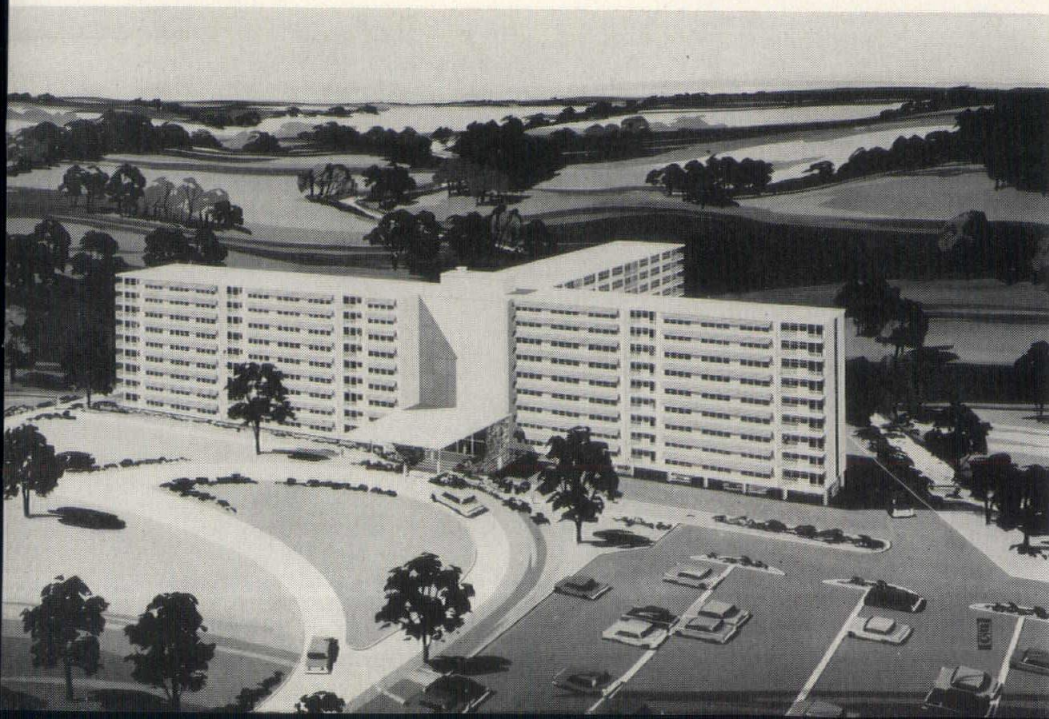


*ZETA BETA TAU FRATERNITY  
Indiana University, Bloomington  
Architects: Architects Coordinate,  
Indianapolis  
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# A Portfolio of College Residence Facilities by Indiana Architects

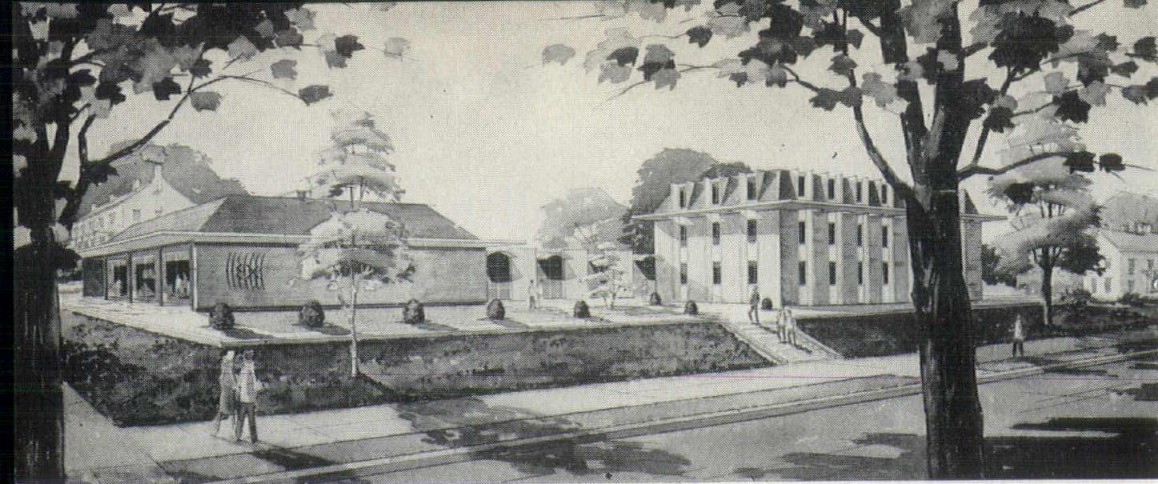


*SIGMA CHI FRATERNITY  
DePauw University, Greencastle  
Architects: Lennox, Matthews, Simmons &  
Ford, Indianapolis*

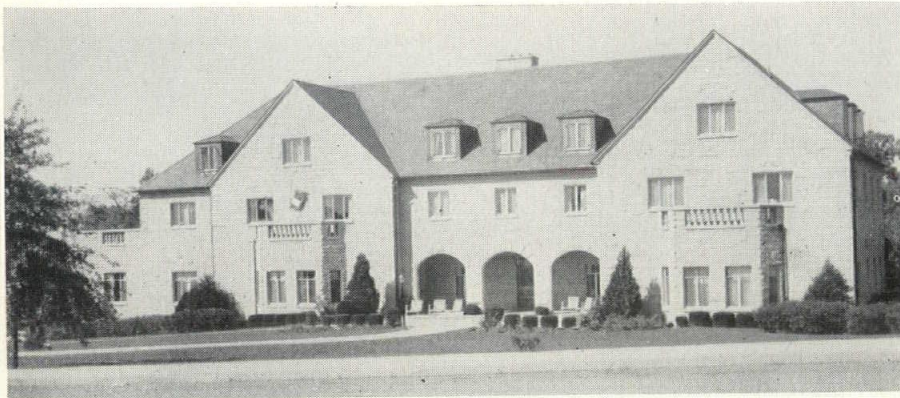


*MARRIED STUDENTS APARTMENTS, #5  
Indiana University, Bloomington  
Architects: James Associates, Indianapolis  
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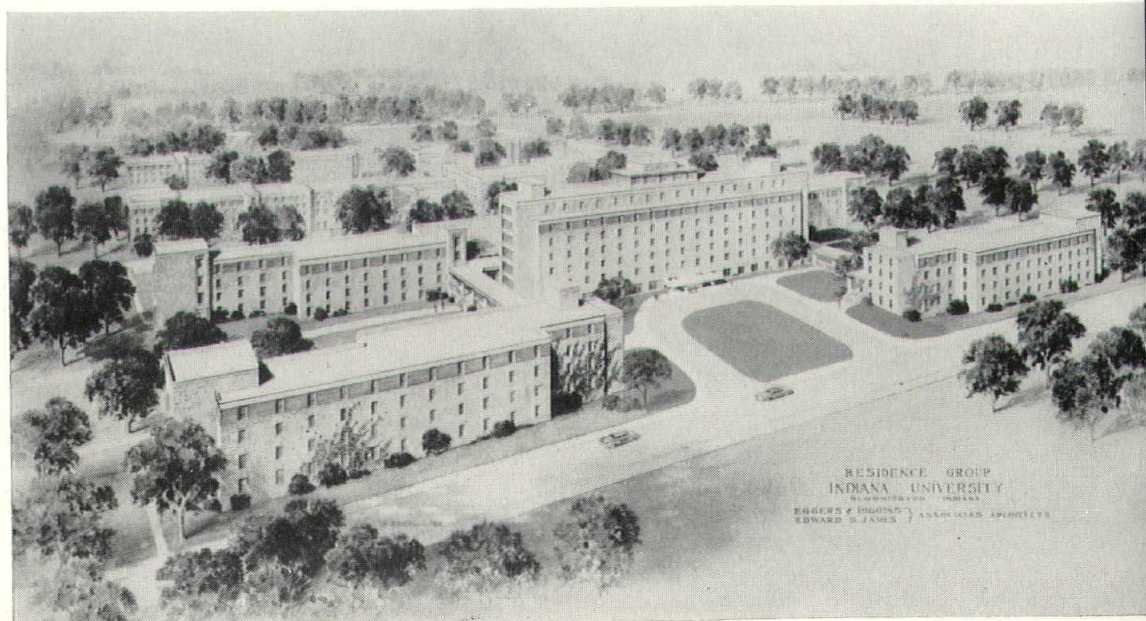


*SIGMA CHI FRATERNITY  
Wabash College, Crawfordsville  
Architects: Miller-Miller and Associates,  
Terre Haute*



*PHI DELTA THETA FRATERNITY  
Indiana University, Bloomington  
Architect: Wm. J. Strain, AIA, Bloomington  
General Contractor: Weddle Bros.  
Construction Co., Inc.*

*TEETER QUADRANGLE  
Indiana University, Bloomington  
Architects: Edward D. James, FAIA,  
and Eggers & Higgins  
General Contractor: F. A. Wilhelm  
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*RESIDENCE GROUP  
INDIANA UNIVERSITY  
BLOOMINGTON, INDIANA  
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EDWARD D. JAMES, ASSOCIATED ARCHITECTS*

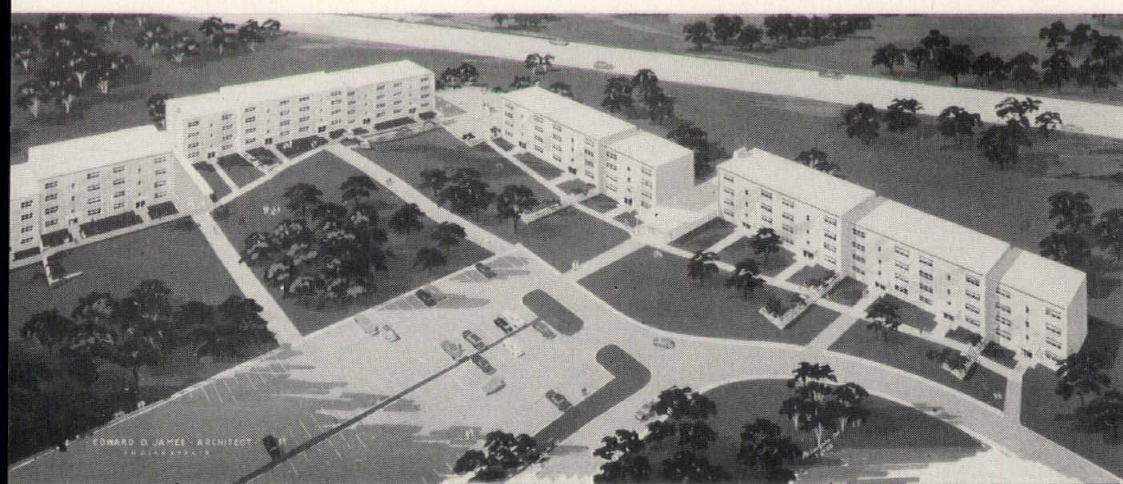


**KAPPA ALPHA PSI FRATERNITY**

*Indiana University, Bloomington*

Architect: Wm J. Strain, AIA, Bloomington

General Contractor: Superior Lumber & Building Co.



**MARRIED STUDENTS**

**APARTMENTS, #4**

*Indiana University, Bloomington*

Architect: Edward D. James, FAIA, Indianapolis

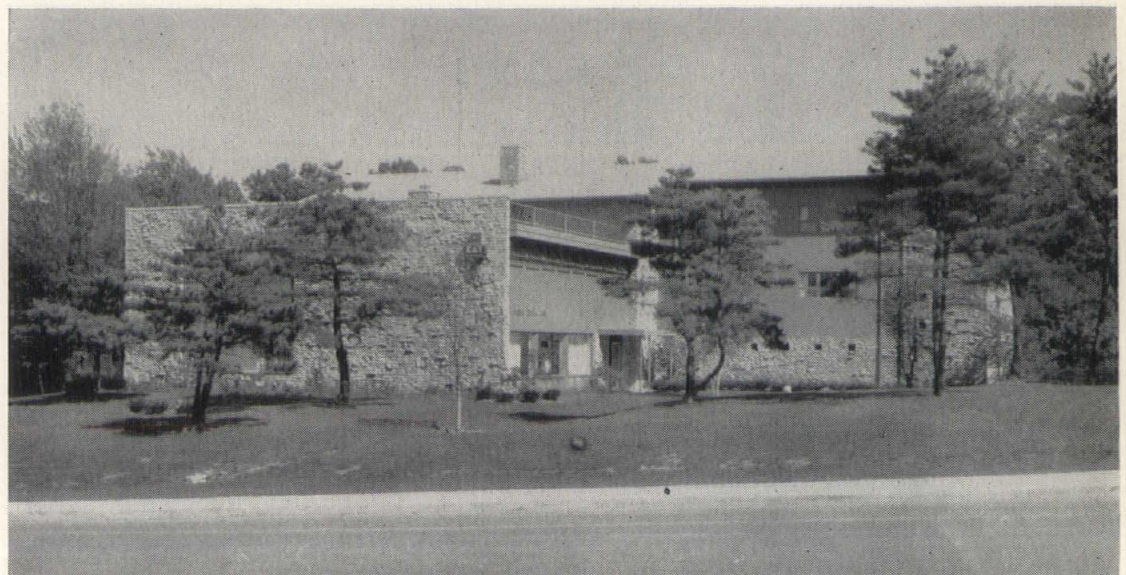
General Contractor: Hagerman Construction Co.

**SIGMA DELTA TAU SORORITY**

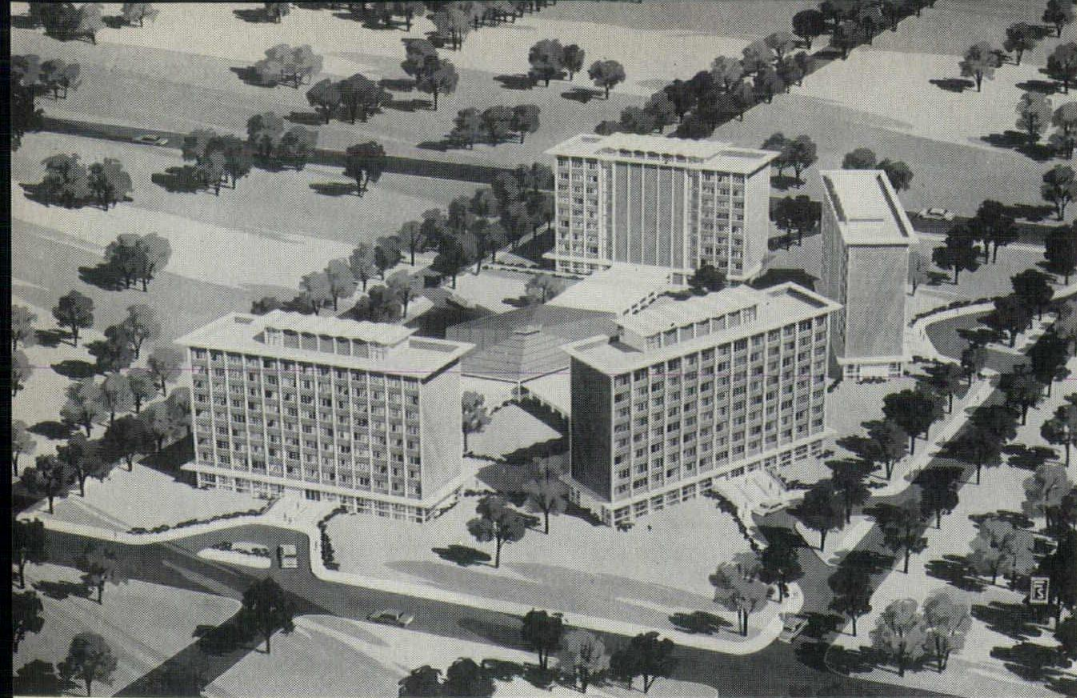
*Indiana University, Bloomington*

Architect: Wm. J. Strain, AIA, Bloomington

General Contractor: Superior Lumber & Building Co.







**MEN'S DORMITORY**

*Indiana State College, Terre Haute*

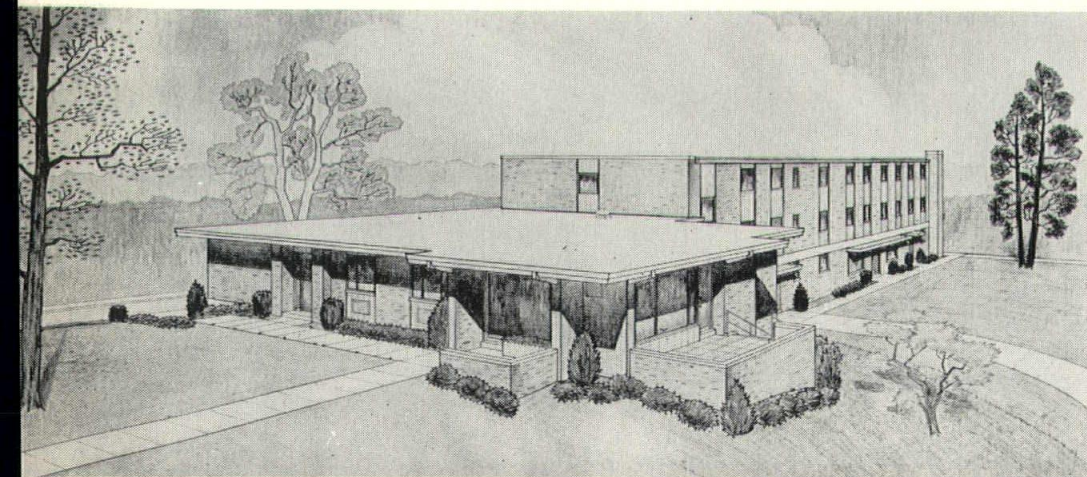
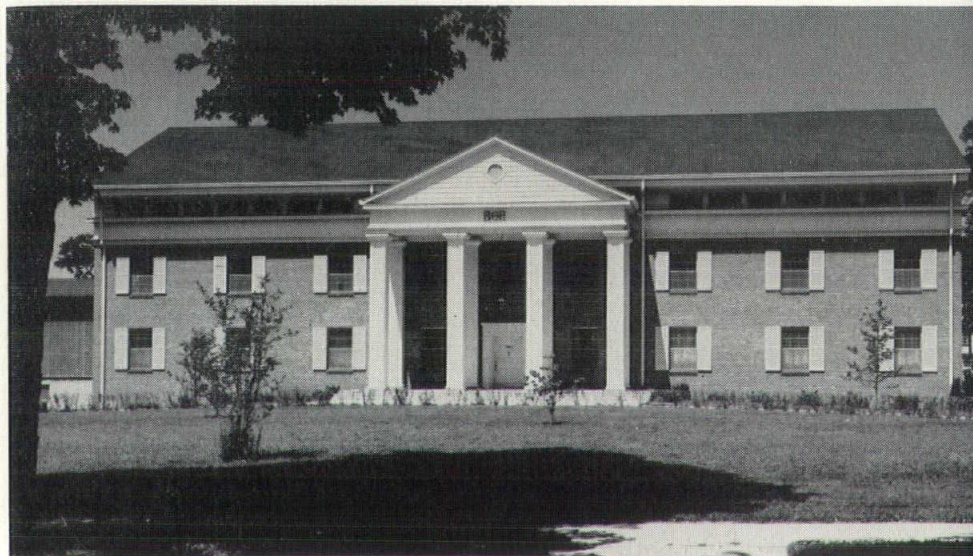
*Architects: Yeager Architects, Inc.,  
Terre Haute*

*General Contractor:*

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*Architects: Lennox, Matthews, Simmons &  
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*Architects: Lester W. Routt & Associates,  
Vincennes*

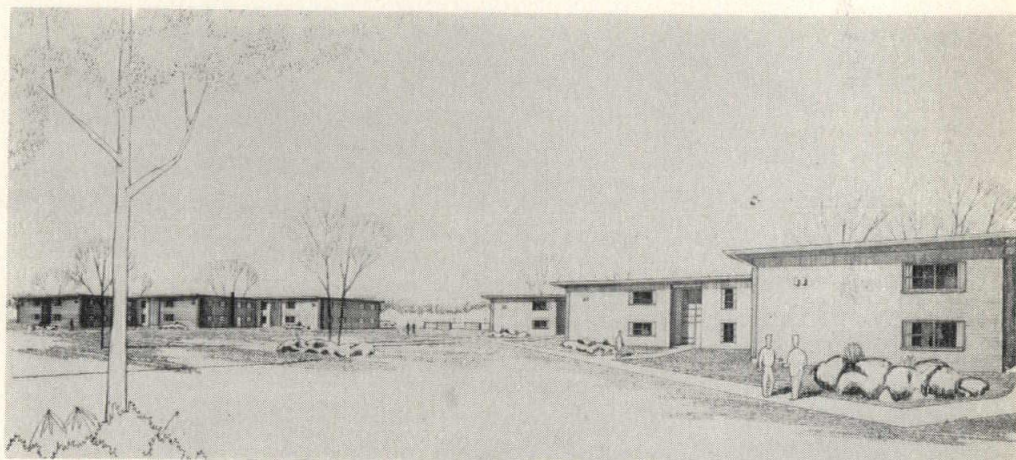
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Architects: Lennox, Matthews, Simmons &  
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General Contractor: Williams, Beck & Hess*

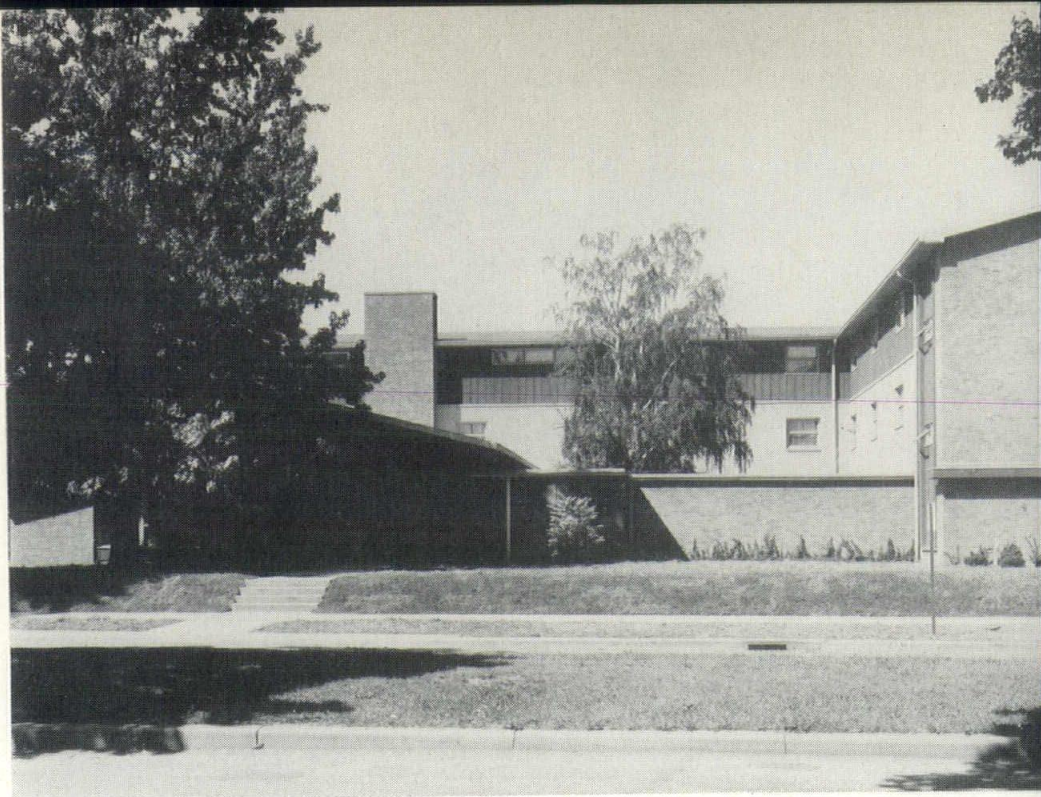
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Ball State College, Muncie  
Architects: Hamilton & Graham, Muncie  
General Contractor: Hagerman Construction  
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*KAPPA ALPHA THETA SORORITY  
DePauw University, Greencastle  
Architects: Lennox, Matthews, Simmons &  
Ford, Indianapolis  
General Contractor: Williams, Beck & Hess*



*H-4 RESIDENCE HALL  
Purdue University, Lafayette  
Architects: Walter Scholer & Associates,  
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General Contractor: F. A. Wilhelm  
Construction Co., Inc.*

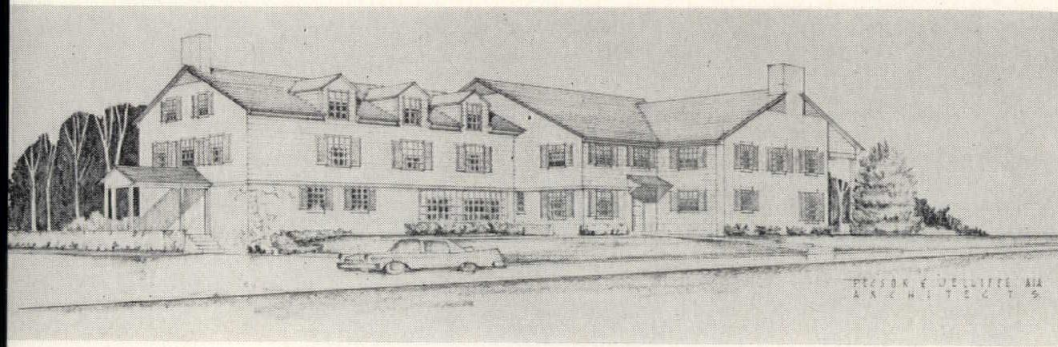
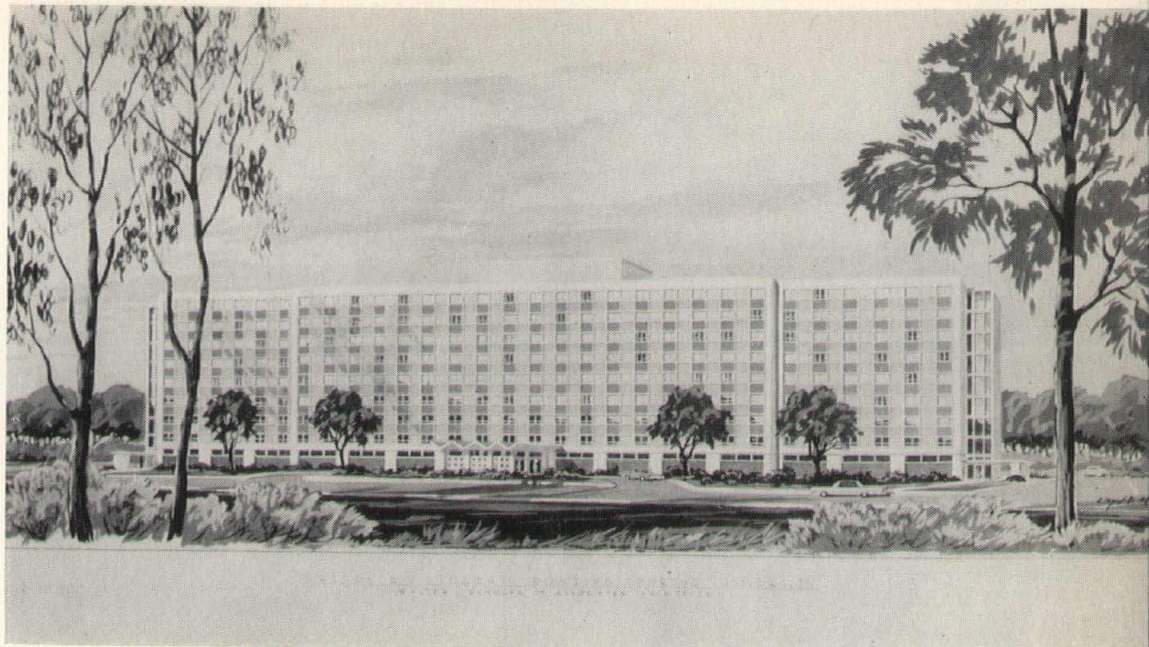


*STUDEBAKER RESIDENCE HALL  
Ball State College, Muncie  
Architects: Walter Scholer & Associates,  
Lafayette  
General Contractor: Hagerman Constr. Co.*



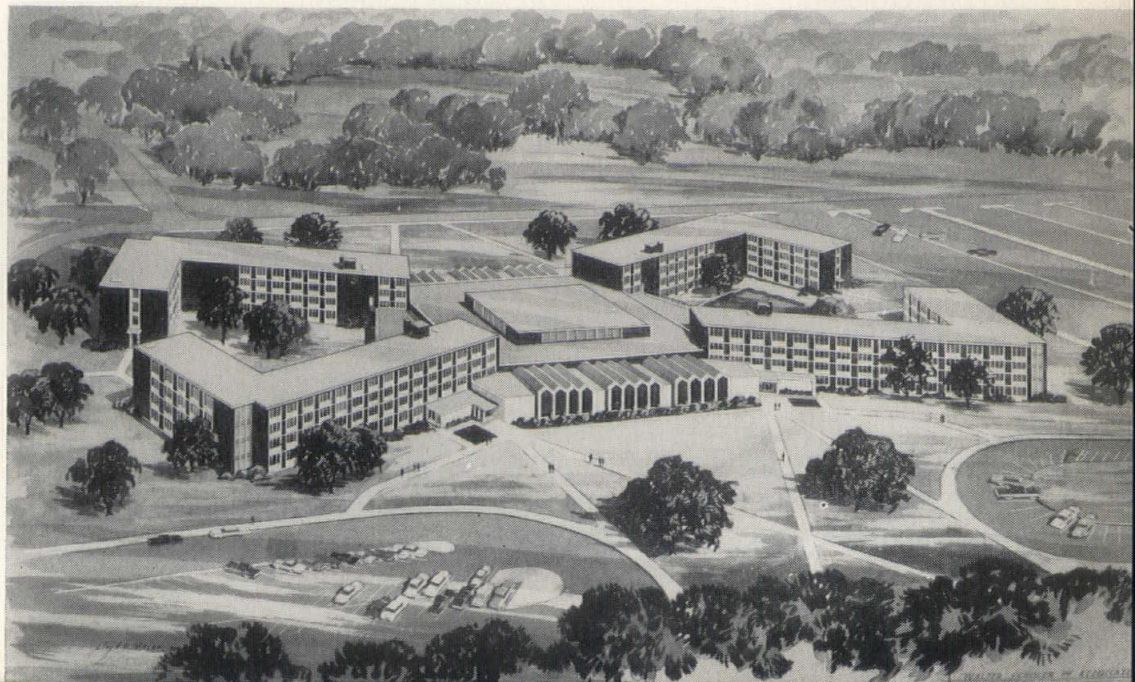


**GRADUATE STUDENT HOUSING**  
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 Architects: *Walter Scholer & Associates,*  
*Lafayette*  
 General Contractor: *Karl H. Kettlehut*



**ALPHA CHI OMEGA SORORITY**  
 (addition)  
*Butler University, Indianapolis*  
 Architects: *Pecok & Jelliffe, AIA,*  
*Noblesville*

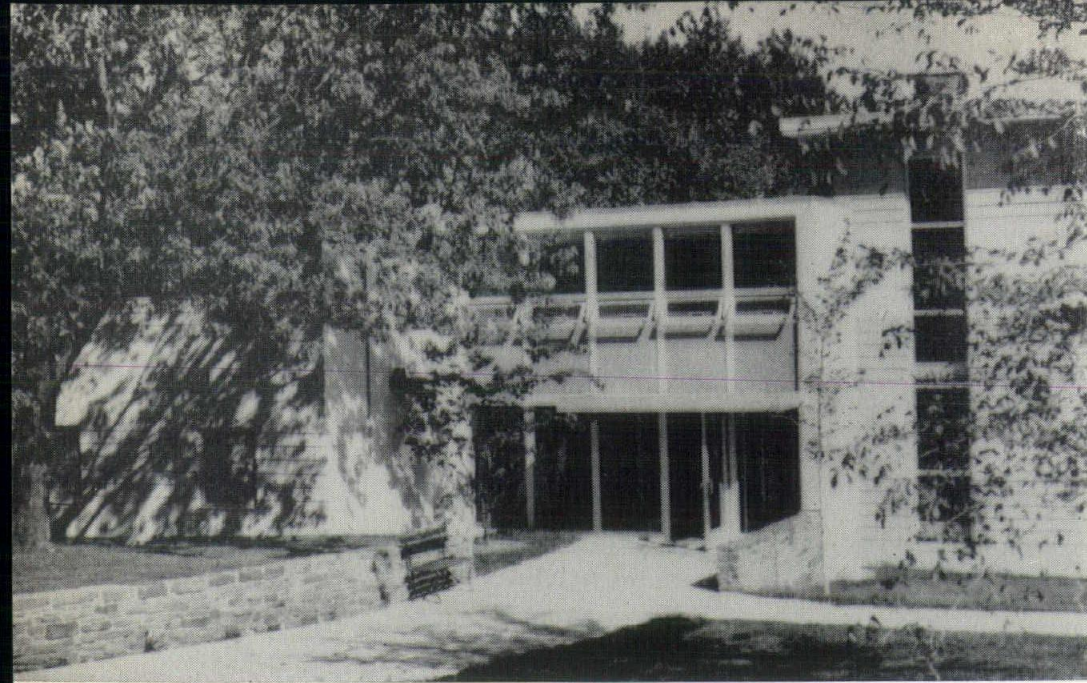
**NOYER RESIDENCE HALLS**  
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 Architects: *Walter Scholer & Associates,*  
*Lafayette*  
 General Contractor: *Hagerman Constr. Co.*



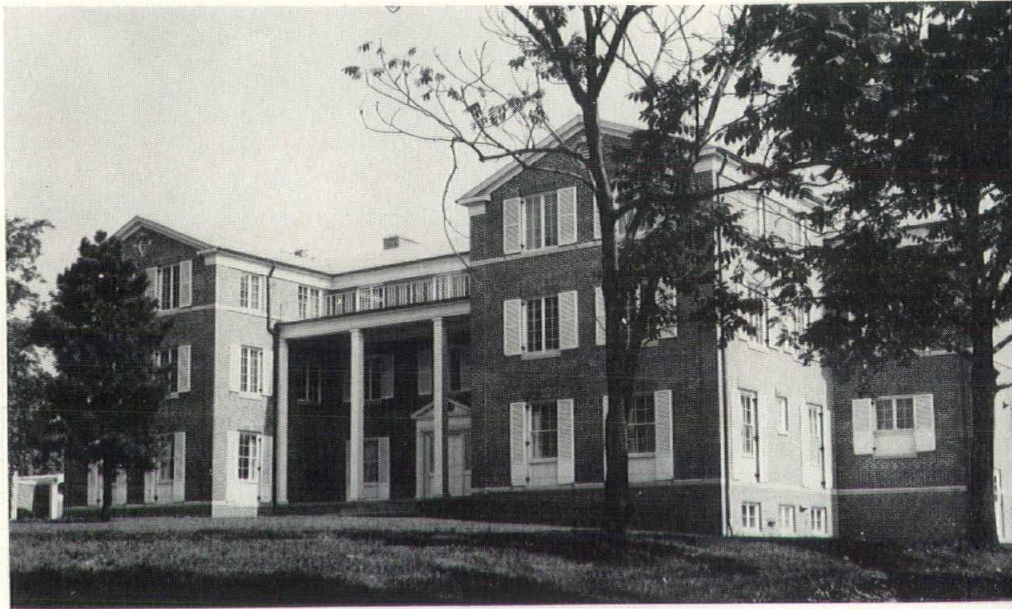


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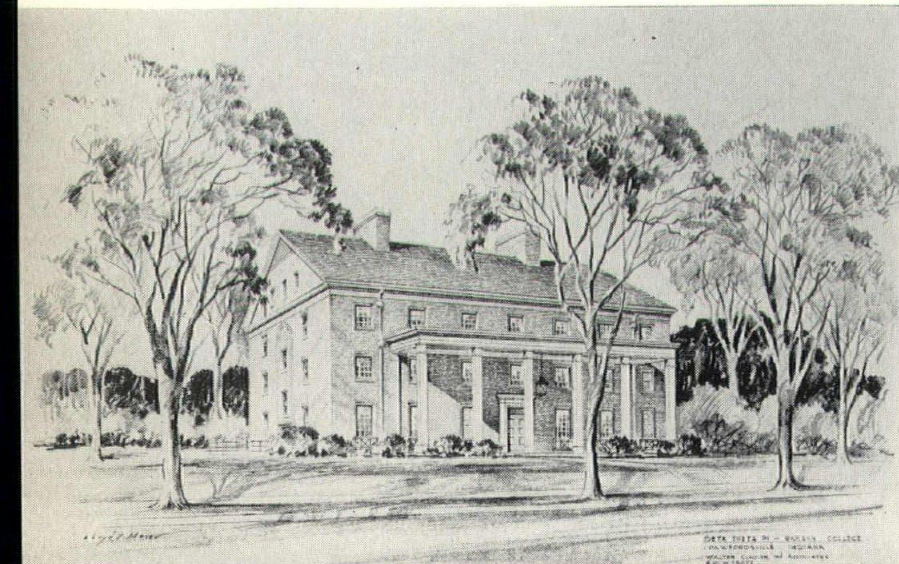
Indiana University, Bloomington  
 Architect: Edward D. James, FAIA,  
 Indianapolis  
 General Contractor: Superior Lumber &  
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**ALPHA GAMMA DELTA SORORITY**  
 DePauw University, Greencastle  
 Architects: Bohlen & Burns, AIA  
 Indianapolis  
 General Contractor: Superior Lumber &  
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**BETA THETA PI FRATERNITY**  
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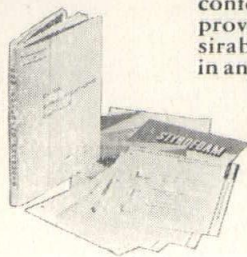
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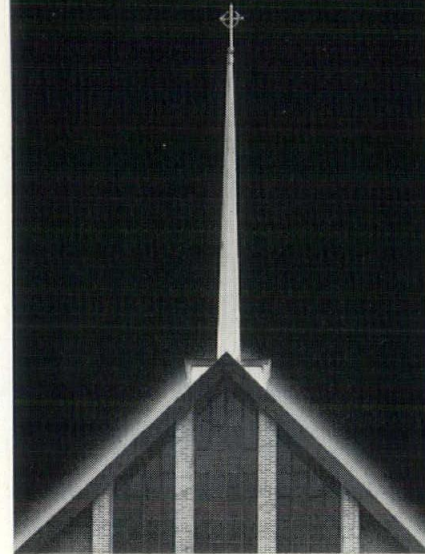
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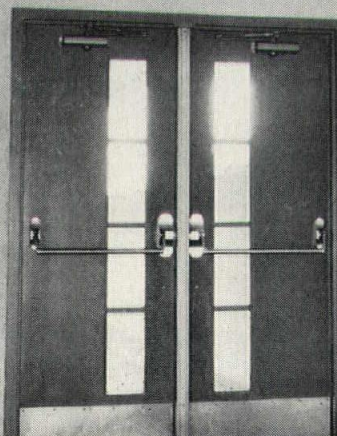
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# THE GENERAL CONDITIONS

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## INTERPRETATIONS

The plans and specifications are to be taken together. Anything shown on the plans and not mentioned in the specifications or anything mentioned in the specifications and not shown on the plans, is to be considered as both shown and specified; and anything wanted by the Architect or any of his friends, or by anybody else (except the contractor) shall be considered as shown, specified, implied and required and shall be provided by the contractor without expense to anybody but himself.

If the work has been done without expense to the Contractor, the work shall be taken down and done over again until the expense is satisfactory to the Architects.

## PLANS

The plans are to be considered diagrammatic and disgraceful and are to be followed only where space conditions make it impossible to avoid doing so.

Coincidence between the plans and executed work shall not be considered a claim for extra compensation. The Architect is not required to recognize coincidence.

Anything that is right on the plans is to be considered right.

Anything that is wrong on the plans shall be discovered by the Contractor, and shall be made right without telling on the Architect or indicating the same in the bills.

Anything that is forgotten or left out of the plans, specifications, but which is necessary and required for the comfort and convenience of the owner, whether he thought of it before or after the execution of the contract, shall be provided by the Contractor to the satisfaction of everybody (but the Contractor) and in full accord with the evident intent and meaning of the specifications, without extra cost to anybody but the Contractor.

## MATERIALS

All materials shall be the best of their several kinds, and the Contractor is expected to know and provide the best materials, irrespective of what is specified in details.

## PERMITS

The Contractor shall obtain all permits and shall pay all fees, annual dues, assessments and subscriptions to masked balls, organizations, outings and for all hat checks.

## DAMAGE

Any damage done by the Contractor shall be paid for by the Contractor as liquidated damages and not as a penalty.

## ARBITER

In case of any dispute arising as to the nature, character and extent of the work, shown, specified or implied, the matter shall be decided by a referendum and recall; after which the decision may be set aside and reversed by the Architect.

## PAYMENTS

Payments, if any, shall be made only on the Architect's Certificates; Architect's Certificates shall not be considered negotiable nor are they legal tender. When once issued the Architect assumes no responsibility for their further usefulness.

Partial payment shall be made as the work progresses, in the amount of 85% of the value of the work done, as judged by the Architect.

In no case shall the judgment of the Architect cover more than enough to cover the payroll every Saturday night. The material man must take the customary chances.

The final payment, if any, shall be made only when everybody is satisfied (but the Contractor).

Any evidence of satisfaction on the part of the Contractor shall be considered a just cause for withholding final payment.

## FINALLY

The Contractor shall accept and hereby does accept the conditions herein appertaining for himself, his ancestors and progenitor, his family, his heirs, executors, his ox, his ass, and any stranger that is within his gates.

\* Author Unknown (He may be knocking at your door some day begging to figure that job on the board).

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# National Gypsum Executive Speaks in Indianapolis

Mr. Melvin H. Baker, chairman and chief executive of National Gypsum Company, last month disputed contentions that the nation is hovering on the edge of a recession in a speech before the Indianapolis Rotary Club.

In an address entitled "Keep America Growing," the Buffalo, N.Y. industrialist outlined a program for spurring the nation's rate of economic growth and thus reducing unemployment and halting the drain on U.S. gold reserves.

He emphasized that depressed profit levels are acting as a deterrent to the nation's growth.

Mr. Baker noted that since 1958 the United States has been running large deficits in its balance of international payments. These, he explained, have caused a drain on U.S. gold reserves and "endangered the dollar."

The balance of payments problem, he added, "mirrors the state of America's domestic economy."

"The slow-down in our rate of economic growth here in the United States cannot help but affect the vigor of our exports and the pattern of international capital movements."

Rising costs and a heavy tax load, Mr. Baker said, have reduced the profits American business needs to modernize.

As a consequence, he said, many of America's industrial plants are obsolete. They can't match modern, low-cost Japanese and European plants which "produce goods and sell them in world markets at prices we cannot meet."

The businessman said the recent revision of depreciation schedules and the proposed tax credit for new machines will help to spur profits but "much more must be done, and promptly."

He stressed the need for "a drastic reform of the U.S. income tax structure."

He urged that corporate taxes be reduced from 52% to 47%, top individual rates be cut from 91% to 65% and the 20% bracket reduced to 15%.

But the industrialist advocated that tax cuts be at least partially offset by a reduction in federal spending.

The National Gypsum chairman said that if his program is adopted that "the U.S. economy will continue its upward climb and the stage will be set for the great growth period of the mid 60's."

Recalling President Kennedy's crack-down on U.S. steel companies in April, the businessman observed that "there has been and continues to be, far too much ill will between the White House and Business."

He called for a "relaxation" in the strained relations declaring that "Government and Business simply cannot afford to be estranged at a time when the survival of freedom is seriously challenged by an aggressive foe."

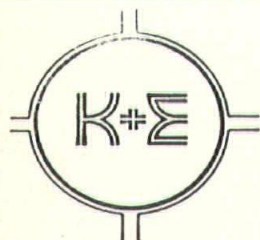
National Gypsum, with 12,000 employees, 63 plants in 24 states and Canada, manufactures 11 related lines of building materials.

Mr. Baker disclosed that the company now employs 700 persons at its Indiana plants at Alexandria and Shoals. The company's annual expenditures in the state, he said, now total more than \$5 million.

Describing the Shoals plant as "one of the largest and most modern gypsum plants in the world," the National Gypsum chairman noted that "its capacity was expanded 40% only two years ago and construction is now under way there to expand it again."

He reiterated a previous prediction that if housing starts "amount to as many as 1.4 million this year, our sales should climb to an all-time record."

20



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# Reynolds Student Prize Revised

The Reynolds Aluminum Prize for Architectural Students, now in its third year, has been revised to limit its \$2,600 national student award to scholarship purposes.

Previously there was no stipulation on the winner's use of the cash prize for the "best original design of a building component in aluminum."

The change was announced today by The American Institute of Architects, which administers the program.

"The new feature was added because of the increasing emphasis by architectural schools on scholarship programs," said William H. Scheich, AIA, Executive Director of the Institute.

The AIA brochure for the 1963 prize, which has been mailed to heads of all American architectural schools, details the change: "It is stipulated that the student or students winning the National Prize spend the \$2,500 for further education, either formally enrolled in a school or engaging in other type of planned study activity such as travel or research."

The Reynolds program also includes \$2,500 for the school whose student wins the national prize. As in previous years, the school may spend the money in any way it chooses.

The Reynolds Aluminum Prize for Architectural Students is conducted annually among those architectural

schools choosing to participate. The school sets rules for its own competition under general guidelines laid down by the AIA.

The program offers a cash prize of \$200 to the winning student in each participating school. Each school's winning design is then entered in the competition for the national prize, which is awarded by a jury of outstanding architects appointed by the AIA.

The 1963 student prize will be presented during the AIA convention in Miami May 6-10.

The 1962 prize was won by Jon H. Starnes, University of Texas, and the 1961 prize by John L. Dewey, University of Cincinnati. By their own choice both students put their prize money into further architectural education.

The student prize program was established by Reynolds Metals Company to encourage creativity in architectural design and to stimulate the interest of America's future architects in the design potential of aluminum.

## ISA Board Notes

The Scholarship Program of the Indiana Society of Architects, inaugurated last year, will be continued for the coming year. The continuance was approved by the ISA Board of Directors at their September 28th meeting in Indianapolis.

The first winner of the \$2,500 scholarship was David Sweet of Gary, who is now enrolled in the architectural school of the University of Illinois.

In other action, the Board granted preliminary approval to three applicants for Corporate Membership. These applicants, who have now been granted membership by the American Institute of Architects and assigned to the Indiana Society, are J. Parke Randall, AIA, of Indianapolis; David S. Nice, AIA, Indianapolis; and Forrest R. Camp- lin, AIA, Indianapolis.

Two applicants for Associate Membership were approved by the Board; these are Thomas L. Whit-aker and David M. Bowen, both of Indianapolis.

The Board also discussed the formation of the Indiana Council, an association of the two AIA Chap- ters in Indiana to handle matters of mutual interest at the State level, and considered the founding of a state-supported school of architec- ture in Indiana.

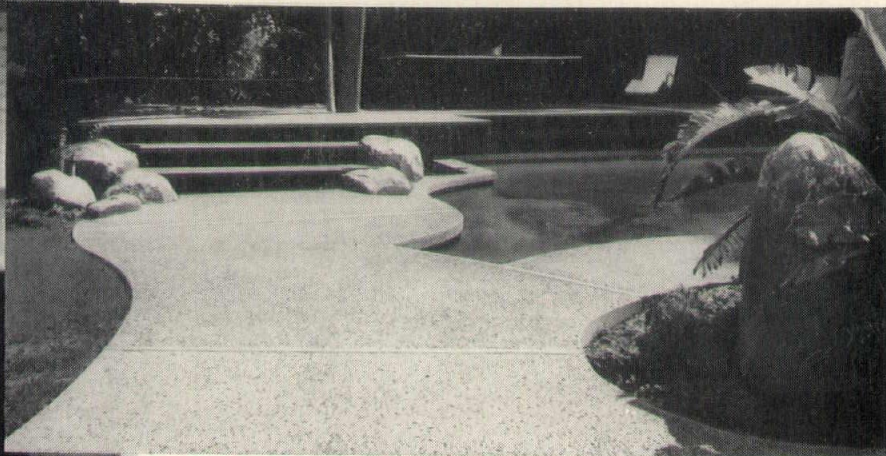
The next Board meeting will be November 2nd at New Albany, fol- lowed by the East Central Regional Council meeting (Kentucky) and Indiana) on November 16th.



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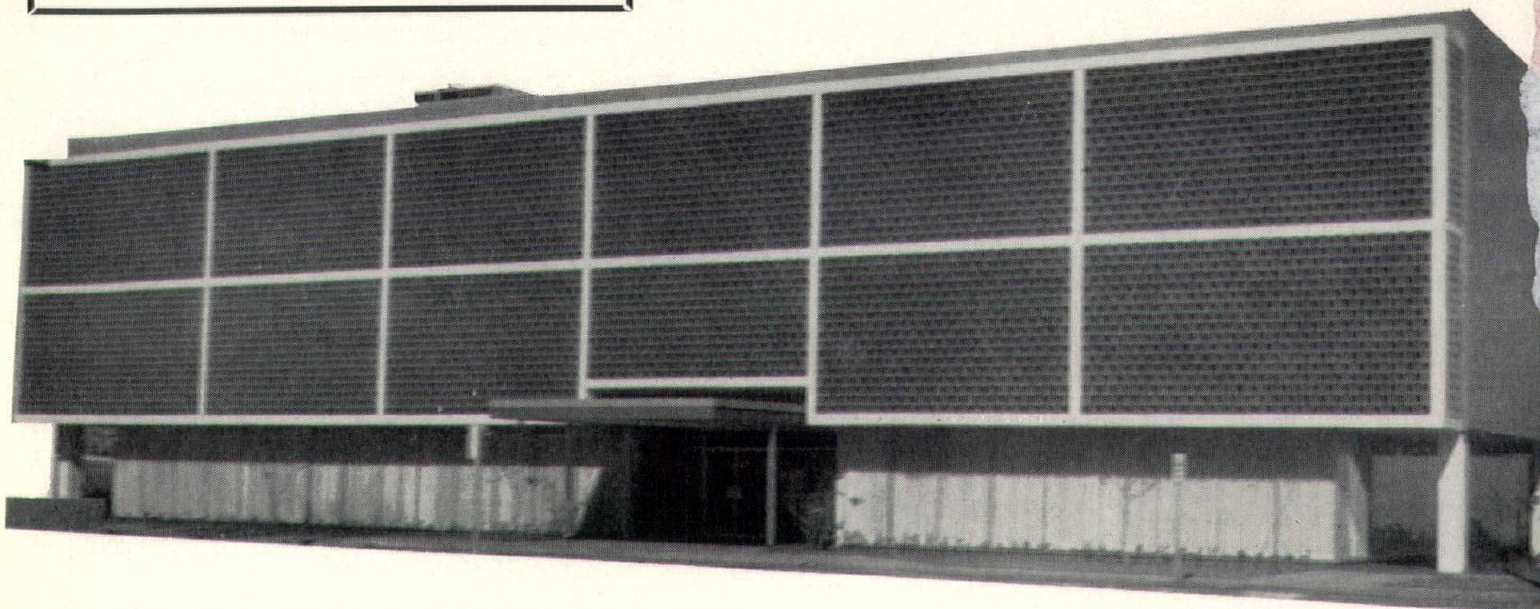
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Bettes Building, Oklahoma City, Okla., Caudill, Rowlett & Scott, Archs., Sisk photo

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