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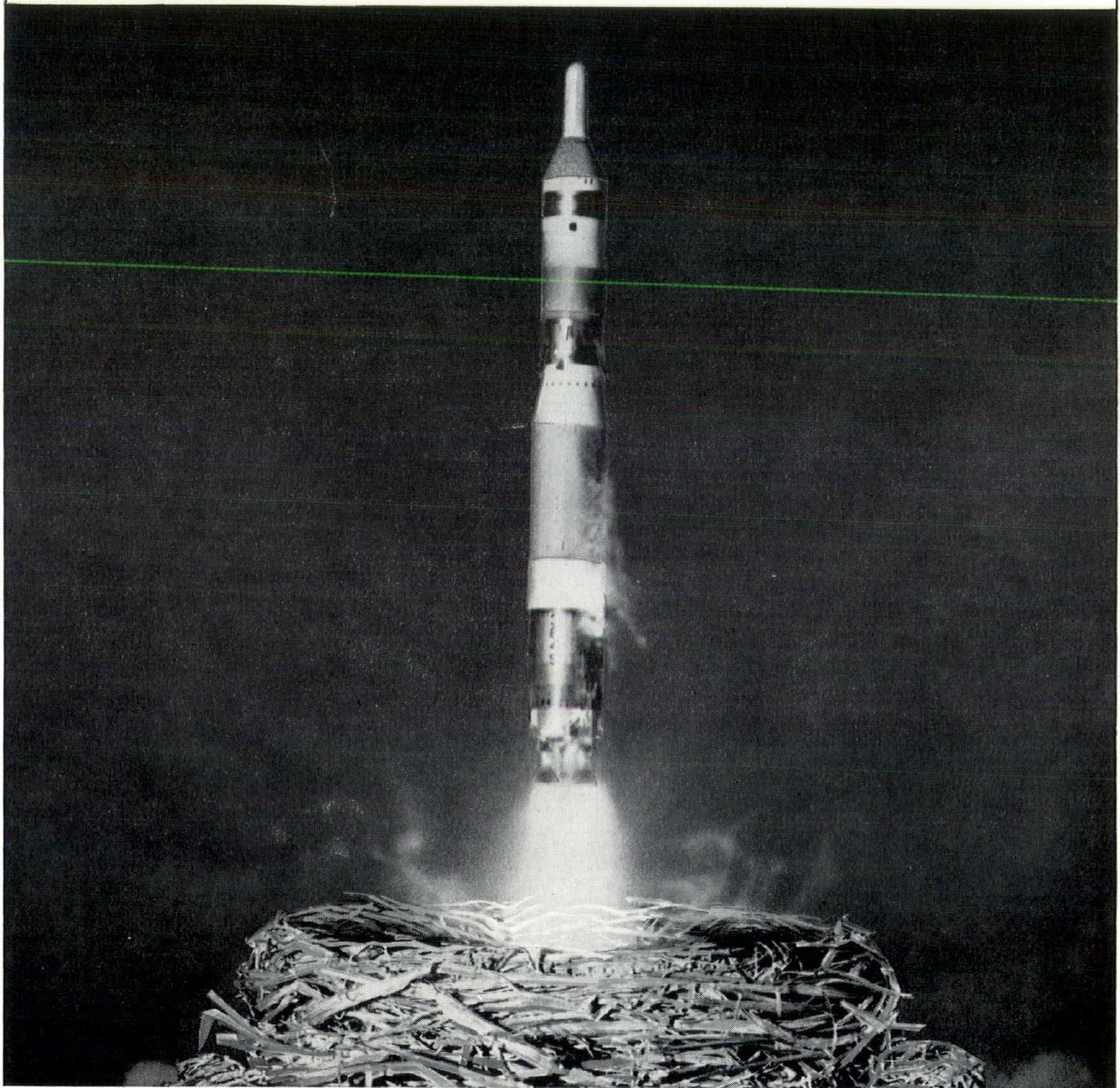
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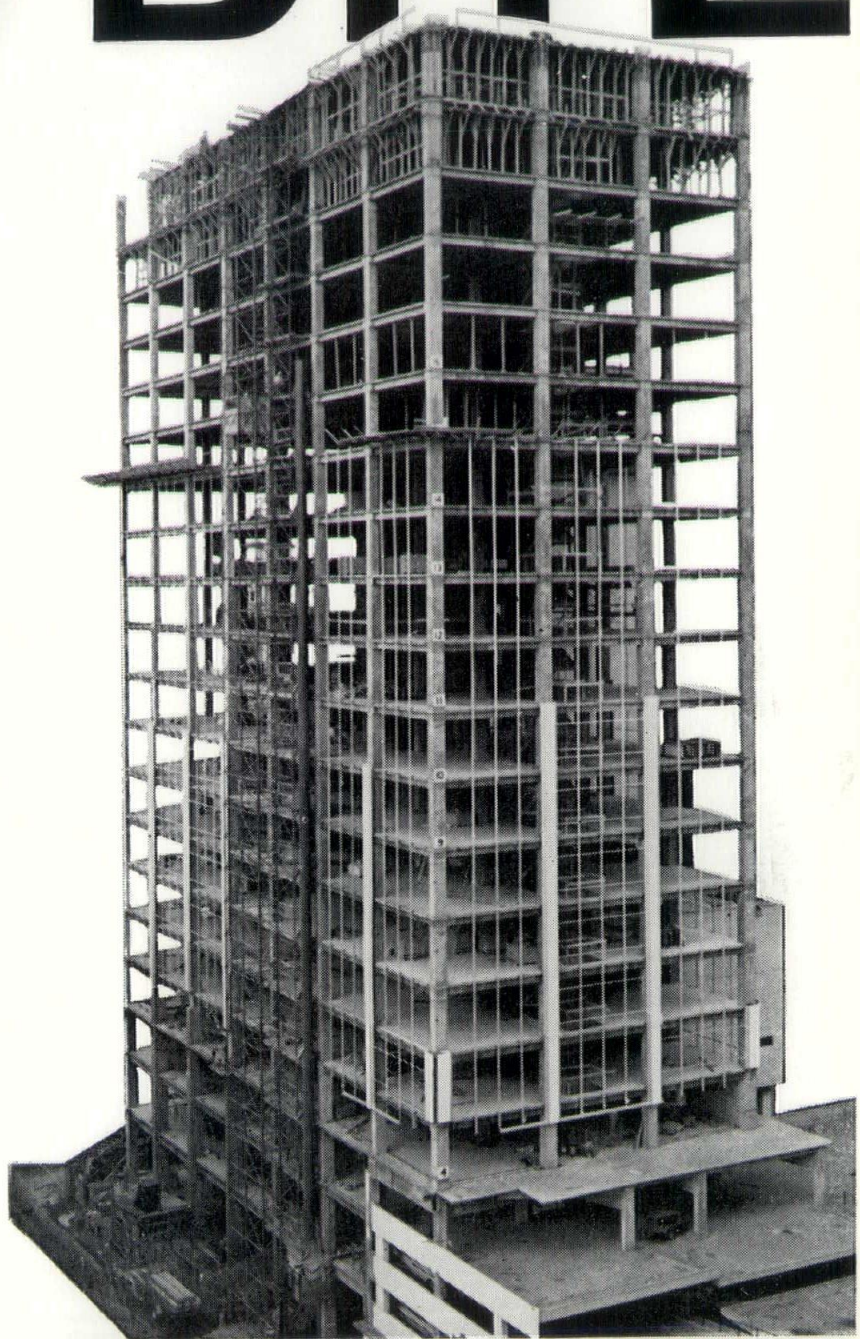
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# IOWA ARCHITECT

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## COLLEGE AND UNIVERSITY BUILDINGS

January - February 1964

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# CONVENTION REPORT

*The Iowa Chapter, A.I.A., each year measures its growth and health at the annual convention. Continued expansion of its activities and responsibilities are forecast by the enthusiastic support shown by members at the December and January meetings. More members are shouldering a share of the tasks. Another measure of growth is demonstrated in that an Iowa member is nominated for national elective office.*

## Choose 1964 Officers

Marking 60 years of continuing activity, the Iowa Chapter began its 61st year by electing W. David Frevert of Des Moines as its president, and approving a widening program of chapter activities. E. H. Healey of Cedar Rapids was chosen First Vice-President, James A. Lynch, Des Moines, the Second Vice-President, William V. Hukill, Cedar Rapids, Treasurer, and Tom Porter, Des Moines, Secretary.

Elected as Directors were: Willis Schellberg, Forest City, for one year, M. E. Jensen, Des Moines, for two years, and R. Hovey Brom, Waterloo, for three years.



Frevert



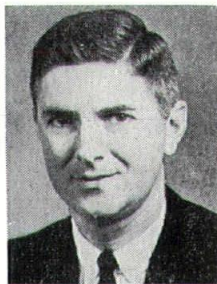
Robison



Healey



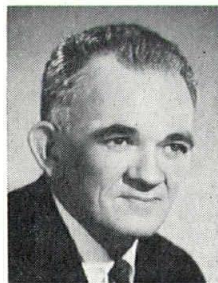
Lynch



Porter



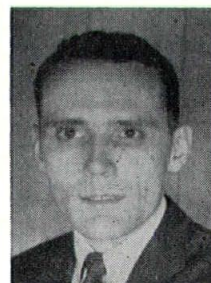
Hukill



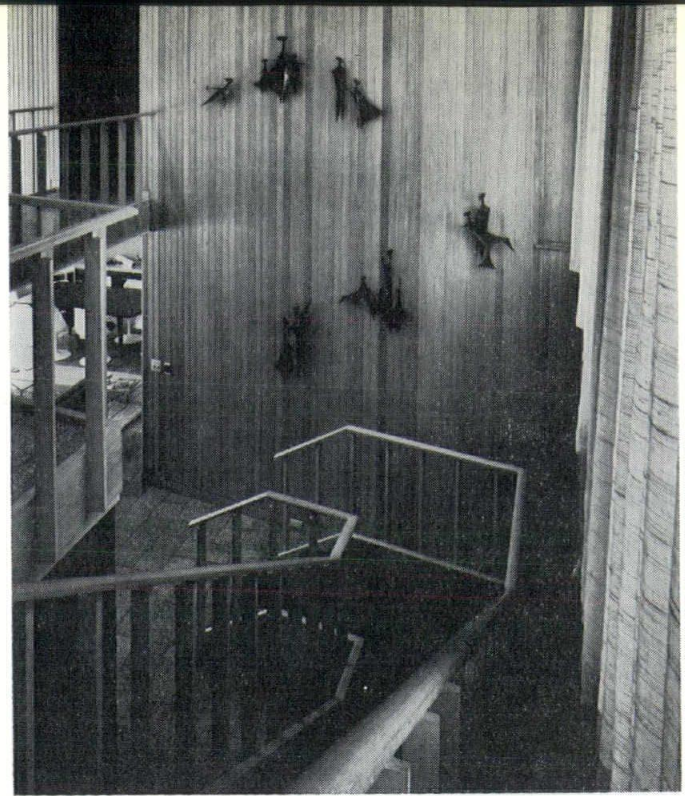
Jensen



Schellberg



Brom



Danhausen Sculpture For Buser Residence

Past-president G. Doug Robison, Davenport, becomes an ex-officio member of the Executive Committee comprised of the officers and directors.

Elections were a part of a well-paced convention at which more than 400 persons were registered and which was highlighted by the presentation of honors to three artists whose works are closely allied with architecture, and by the recognition of five Iowa Architectural firms for high quality work presented for review in the 1964 Honor Awards Competition of the Iowa Chapter.

Hospitality rooms by material suppliers added to the festivity of the three-day convention, and excellent crowds for each event assured the success of the meeting. Business sessions of the chapter were intent and productive, the schedule permitting adequate time for the conduct of all business without crowding into other events. Operating under bylaw provisions which were adopted in 1963, the chapter added to its official family by choosing a Second Vice President, and chose three directors to serve staggered terms as a preliminary move in choosing one director a year at future conventions. Both changes were intended to add continuity to the governing body of the chapter.

As his first official action upon election, President Frevert offered a plan for revising the committee structure of the chapter, placing one of the officers or directors in charge of a "commission" and giving him supervision over committees with activities related to the commission.

Officers of the Iowa chapter extended a warm welcome to Ray Reed, A.I.A., newly appointed head of the Department of Architecture and Architectural Engineering at Iowa State University. Professor Reed spoke briefly at the chapter business meeting. He will take over his new post July 1. Representatives of the student chapter at Iowa State also spoke, describing plans for the year.

(Continued on page 18)

## Honor artists, architects

Two artist-sculptors and a muralist were honored by the Iowa Chapter, A.I.A. in its first presentation of Fine Arts Awards. Recognition was for "having contributed significantly to Architecture through collaborative efforts in their respective fields."

Honored were: Artist Stanley Hess of Des Moines, whose murals are widely known; Gerald N. Shirley of Cedar Falls, recognized for his artful combination of metal and glass, and Eldon Danhausen of Chicago who was recognized for his sculpture in metal which is a feature part of structures in the midwest.

Five Iowa architectural firms were cited for architectural excellence in the 1964 Honor Awards competition. Plaques for the owners and architects will be presented at the Student Chapter Awards Banquet April 21 at Ames.

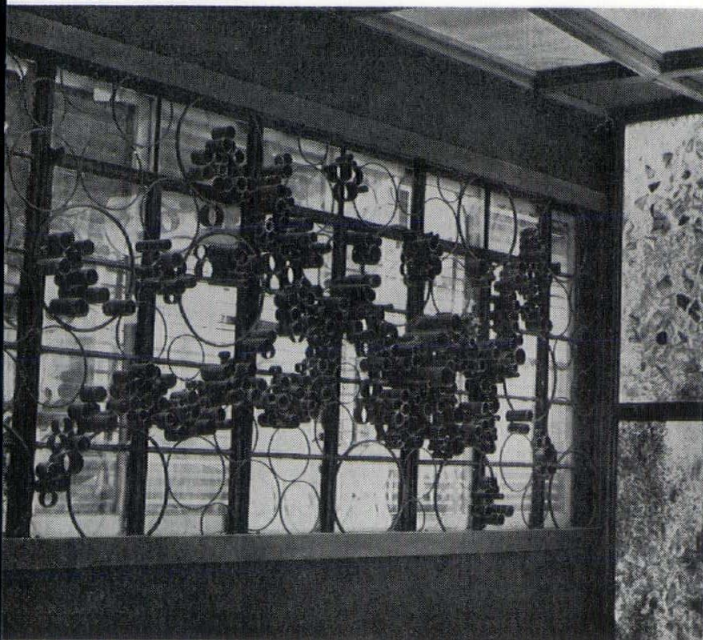
Highest honor awarded at the 1964 dinner was that of Award of Merit, with two going to the firm of Crites and McConnell, Cedar Rapids, one to Brooks-Borg, Des Moines, and one to Charles Herbert & Associates, Des Moines.

Honorable Mention awards went to Leo C. Peiffer & Associates, architects, Cedar Rapids, and to Thorson, Brom & Broshar, Waterloo.

Jury members for the final judging were J. Patrick Horsbrugh, professor of architecture at the University of Nebraska, who also as a convention speaker, John Myers of the Department of Architecture at the University of Minnesota, and Robert D. Eflin, Wichita, Kan.

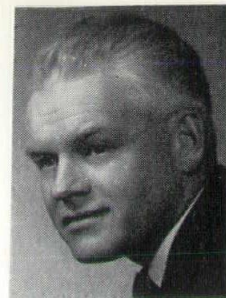
Crites & McConnell were recognized for a Methodist Church complex at Coralville, and for the residence at Cedar Rapids; Brooks-Borg were recognized for the Iowa Methodist Hospital nursing home addition; Charles Herbert & Associates, for the church at Johnston, Iowa. Leo C. Peiffer and Associates were cited for the Shorewood Restaurant, Thorson, Brom and Broshar for the Thorson Mountain Cabin at Colorado.

*Shirley Art For Electric Park*



JOAN LIFFING

## NOMINATE OZ



*Thorson*

A snowball which began rolling at the 1963 Central States Regional Conference has carried O. H. "Oz" Thorson of Waterloo into the election races for national office in the American Institute of Architects.

All chapters from the Central States Region have filed nominating petitions, placing Thorson in the election race for Secretary of the Institute. The election will take place at the national convention in St. Louis in June.

G. Doug Robison, immediate past president of the Iowa chapter, has accepted the post of campaign manager for Thorson, and will be in contact with other chapters in support of Thorson.

Officers of the Central States Chapter, in meeting at Oklahoma City in October, insisted that Thorson accept nomination for national office. In January it was determined that he should run for Secretary.

Thorson, a partner in the firm of Thorson, Brom and Broshar, Waterloo, completed a three year term as the Central States Regional Director in 1963. He is a past president of the Iowa Chapter and is the president of the Iowa Board of Architectural Examiners.

## Reed chosen for I.S.U.

Raymond D. Reed, A.I.A., chairman of architecture at the University of Southwestern Louisiana, has been appointed head of the Department of Architecture and Architectural Engineering at Iowa State University and will assume the post July 1.

The appointment fills a vacancy created in 1962 by the death of Leonard Wolf, F.A.I.A. who had headed the department since 1953.

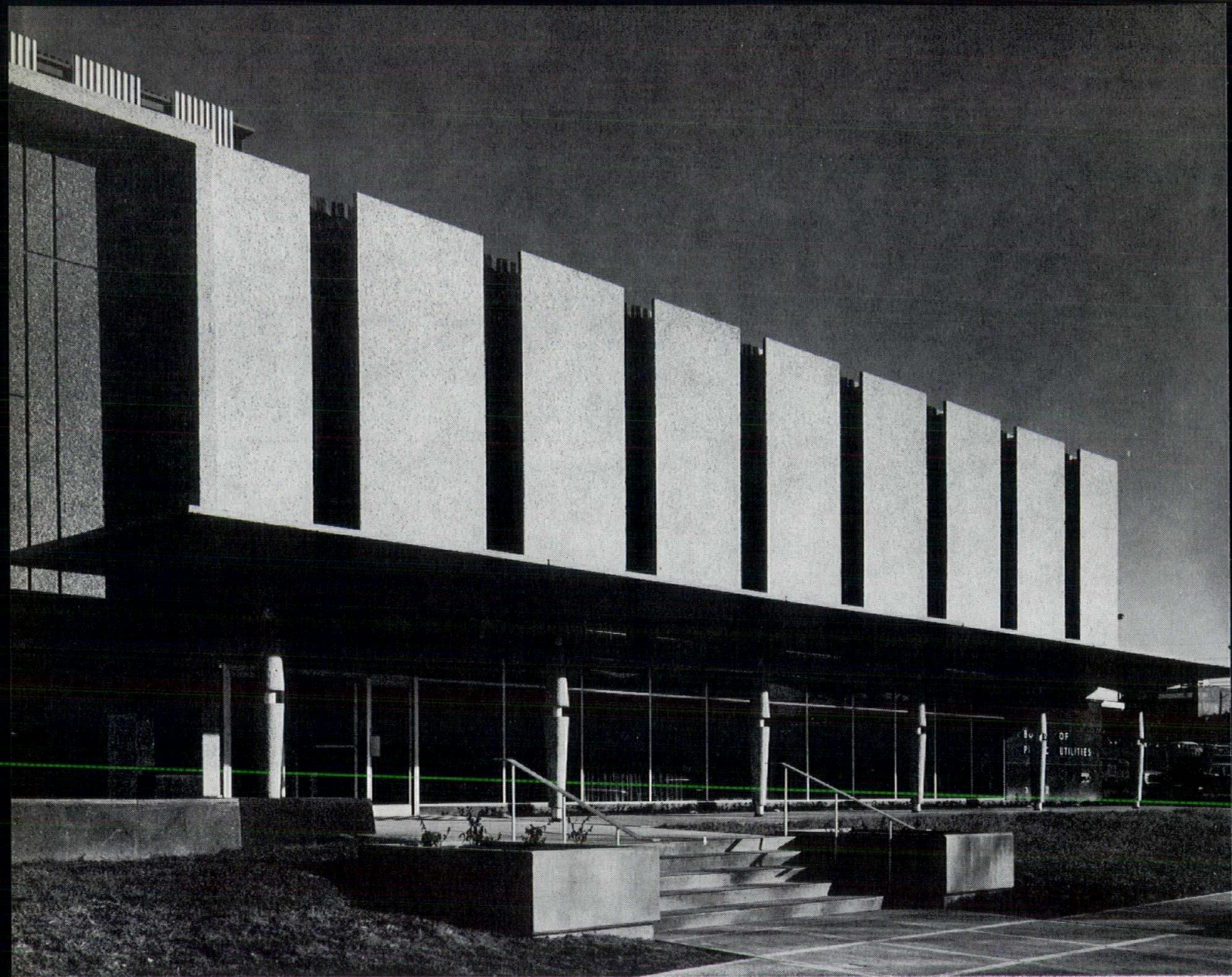
Mr. Reed is president of the South Louisiana Chapter of the American Institute of Architects, and has been chairman of architecture and interior design at the university at Lafayette, La., since 1959. He is a registered architect and is a partner in an architectural firm at Lafayette.

Mr. Reed is 34 years old and holds degrees of bachelor and master of architecture. He received the bachelor degree at Tulane University in 1953, and received the master of architecture degree at Harvard University in 1958.

Mr. Reed and his wife, Patricia Ann, are the parents of four children, Kathryn, 8, Russell, 6, Ann 4, and Andrea 2.

He has informed the Student Chapter and the University that he will attend the Awards Banquet of the Student Chapter at Memorial Union, April 21.

John E. Lagerstrom, associate dean of engineering, is serving as the acting head of the department until Mr. Reed takes his new post.



PHOTOGRAPHER: L. D. JONES, KANSAS CITY

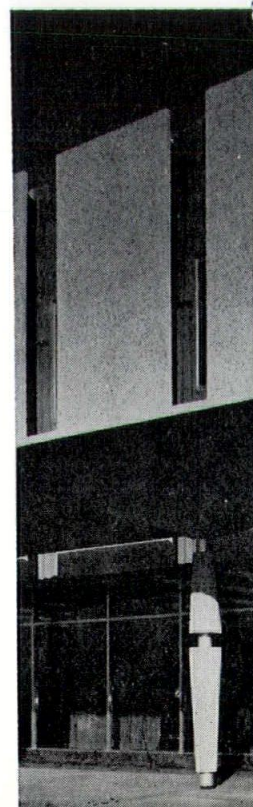
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# CAMPUS PLANNING

By W. A. Hotchkiss, A.I.A.

SUPERVISING ARCHITECT,  
IOWA STATE UNIVERSITY

*The author, after having engaged in successful private practice from 1954 to 1962 as a partner in the Des Moines Firm of Amos Emery and Associates, has turned his attention to a new practice: that of Supervising Architect at Iowa State University. Among his responsibilities as Supervising Architect is that of insuring the orderly growth of the Campus, and in the following brief article he expresses some general thoughts on campus planning. He also gives some indication of the directions planning will take at Iowa State to meet the needs of its future programs.*

Campus planning can be described as the evaluation of enrollment predictions, the translation of them into physical plant requirements, and the application of common sense to the process. Before planning can begin, however, consideration must be given to a multitude of factors.

Obvious factors such as the physical characteristics of the campus are not relatively difficult to analyze. Site planning considerations will include the analysis of land forms, drainage areas and flood plains, prevailing breezes, desirable views, landscaping, pedestrian traffic patterns, vehicular traffic patterns and parking areas.

Existing buildings must be analyzed as to their remodeling potentials, remaining useful lives, fire hazards, available mechanical-electrical services and structural capacities. Their style, character, scale and materials must be considered as well as must their definition of the spaces of the campus and their interdisciplinary groupings.

The amount of class break time allotted for travel between buildings, the height of buildings, their means of vertical transportation and the relative location of housing and food service facilities must be studied.

The policies of the University are determinants of the educational goals and levels to be maintained. These policies are the factors that will determine the rapidity of campus growth as indicated by the enrollment predictions, the maximum probable size which can be efficiently administrated, traffic and parking regulations, and the percentage of married and single students to be housed in campus facilities. Also indicated by these policies will be an attitude toward the fraternity-sorority system, the trends in public service programs such as adult education or extension services and the emphasis placed on athletic and cultural events. The university or college will also be functioning on the basis of such defined criteria as the area allotted per student for educational, research or housing purposes, the size of dormitory groups for purposes of control, the number of staff members per office, office area allotted, amount of parking provided, budget allowances for buildings and the extent of specialized research programs.

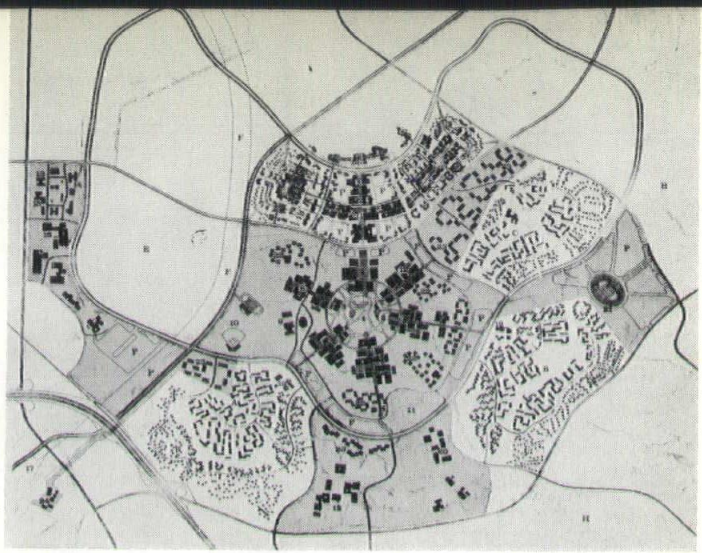


Figure A

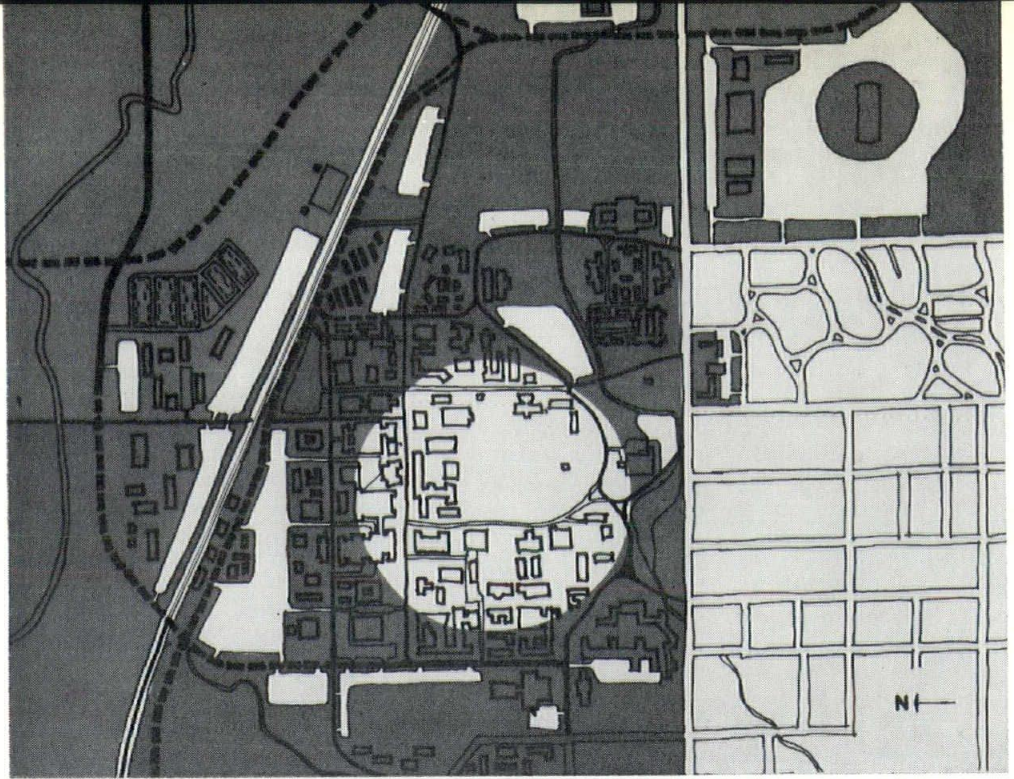
A final and important factor worthy of consideration is the availability and approximate cost of adjacent land when expansion beyond existing boundaries is indicated.

Ideal planning opportunities exist currently in a few areas throughout the country, but such opportunities will be appearing more frequently in the densely populated regions as the predicted total college enrollment reaches between 6,000,000 and 7,000,000 in 1970, the latter figures indicating an increase of 50 to 75 percent in current enrollment. An example of such an ideal opportunity exists in the University of California at Irvine, (Fig. A) designed by William Periera and Associates. This is one of 3 totally new universities in the California expansion program, a scheme which also includes several state universities and many junior colleges. The California program allows the educators and planners of a facility to create its academic base, determine policy and criteria, and select a site; they develop a facility of predetermined size with a programmed rate of growth. This process allows for complete growth without encountering the historical structures, policies, habits and errors which exist at an established institution. The development at Irvine encompasses the planning of the entire university community, including off-campus housing, shops, industry, schools and recreation facilities.

The problems faced at Iowa State University are not dissimilar to those of other long-established universities. The predicted enrollment for the school year 1972-73 is 17,700, which will represent an increase of 53 percent over the present enrollment of 11,600. All indications to date show that this is a conservative prediction. In order to meet this need and allow for an estimated expansion figure of 27,000 or 30,000 students, (an open-ended figure) it is obvious that radical changes will be taking place.

In considering this future rapid evolution, of major importance is the problem of locating all major educational buildings in an area which will place them within walking distance of one another during the traditional 10 minute break between classes. Studies indicate that 2100 to 2200 feet can be traveled in 7 to 8 minutes. The remaining 2 to 3 minutes of the 10 minute break are required to negotiate the corridors and stairs of the terminal buildings. Thus, a circle 2200 feet in diameter defines an optimum educational core. (Fig. B)

Figure B



Near the center of the core area are the library and the administrative spaces. Unfortunately, the Iowa State University Union and Bookstore are not within the boundaries of the core area, but by stretching the circle slightly, we manage to have it just touch these facilities. All future teaching areas should occur within the defined core area, at least until such time as the class-break time is extended or computer scheduling can be refined to consider the factor of distances between classroom spaces.

1 and 2 story structures occupy much valuable space in the core area. These buildings will be replaced as they become obsolete, and their replacements will probably be 4 to 8 stories in height. The teaching areas in these new buildings can be limited to 3 or 4 floors, eliminating the need for the mass vertical transportation that would be required for large groups on precise schedules. Space above the teaching areas would be allocated in buildings of this type to staff, faculty and research functions.

It will become necessary to provide a large flexible classroom-laboratory-office building (CLOB) centrally located for temporary occupancy by those departments displaced by the building programs that will replace their existing facilities with new ones on the same site. A typical period of occupancy would be about 2 years, the construction time for a major building. New construction should be scheduled to keep CLOB at peak occupancy.

All temporary buildings at I.S.U. are being replaced as rapidly as funds become available. Research facilities, services, shops, storage, and other ancillary functions which occur within the educational core will be relocated in areas adjacent to and beyond the core area. Animals now occupying campus area are currently being relocated on farms beyond the boundaries of the campus, vacating valuable space for research and extension development. Eventually, self-contained units such as the College of Veterinary Medicine will also be located beyond the core area.

It is predicted that parking which currently exists in the core area must give way to educational construction and be relocated toward the periphery of the academic area. The traffic pattern will then be directed toward the periphery of the campus with the required mass parking areas being served by a subsidized rapid-transit system. Existing streets within the core area will become service, bicycle and pedestrian traffic-ways, and a complete system of internal walkways, courts and bicycle paths will be developed and coordinated with the construction program. Due consideration should also be given the use of the walkways and bicycle paths as service drives.

Utility distribution through tunnel systems must be recognized and the final patterns of these facilities coordinated with future building plans. Initial tunnel construction is costly, and the rebuilding of such construction is doubly so. Isolated structures remote from the source of utilities will have an extraordinary cost, and it must be realized that tunnels create barriers which are not always easily overcome.

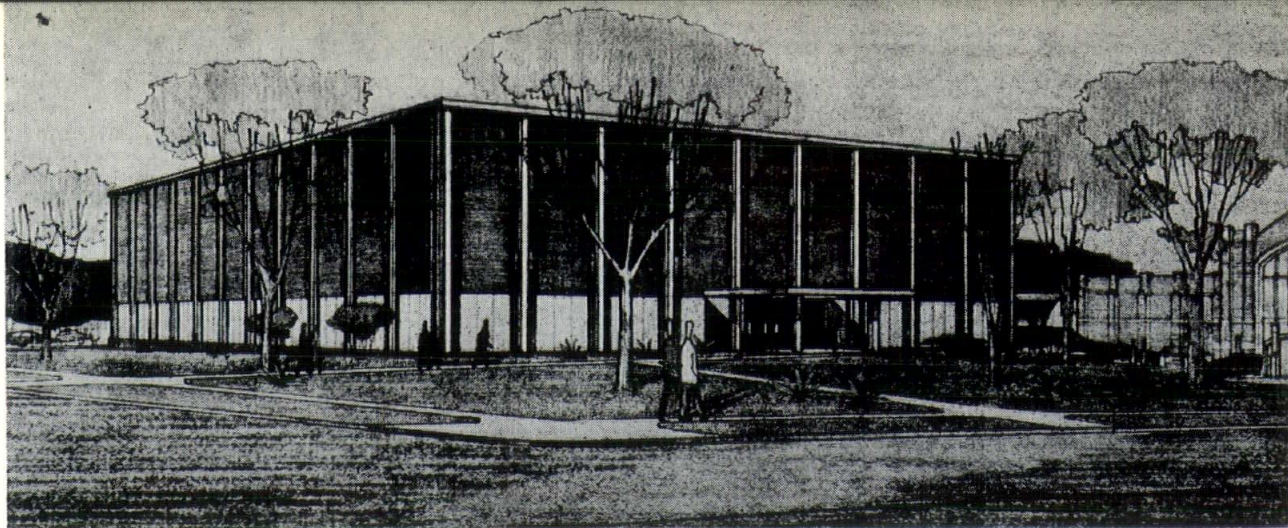
Generally, the pattern of campus growth should be controlled but at the same time be flexible in order to allow adaption to unforeseen changes in space requirements, curriculum patterns, teaching methods, transportation, emphasis on public or non-University-directed projects or any one of a number of technological advances which might affect planning. The organization, consideration, and analysis of the factors affecting the ultimate direction of the campus will in the end lead to a solution in general terms, from which can be continually evolved the solutions of smaller areas and projects as action on them is scheduled. The resulting hundreds of sketches, drawings and maps will gradually become more detailed as their scale increases and time passes. The ultimate result of the entire planning process will be an aesthetically pleasant, efficient and delightful environment in which to work and study.

## Design by Iowa Architects

MEN'S DORMITORIES, IOWA STATE UNIVERSITY

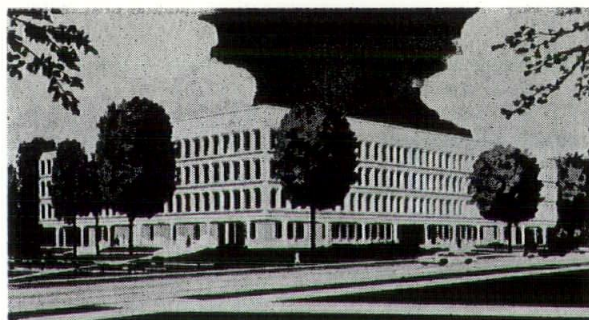
*Crites and McConnell, Architects, Cedar Rapids*



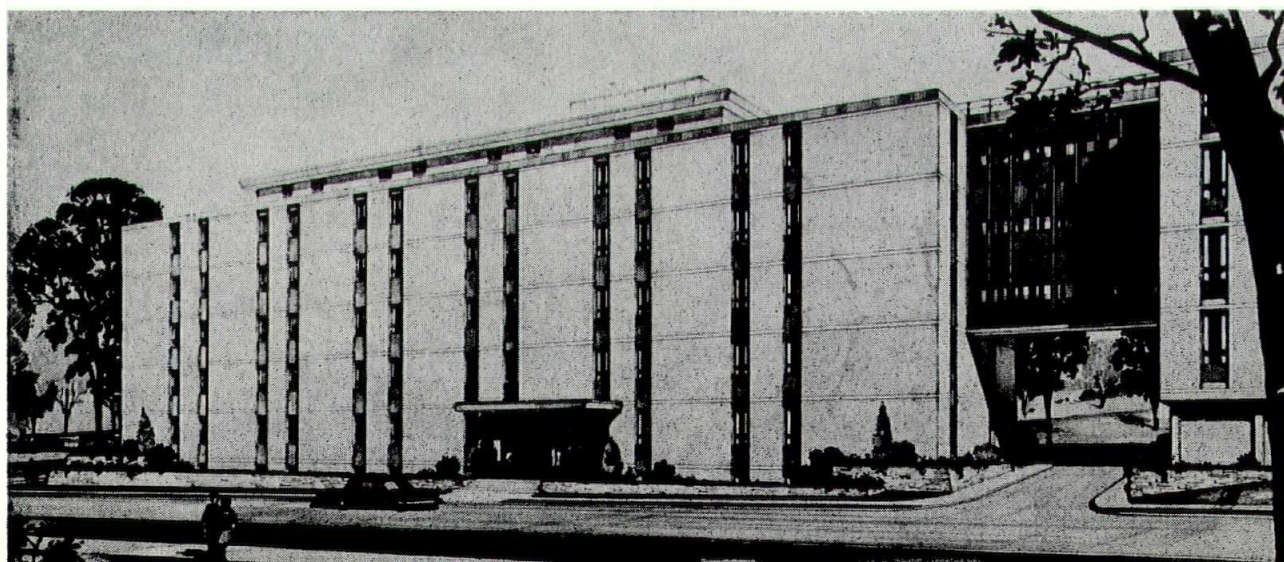


**ANIMAL INDUSTRIES BUILDING, IOWA STATE UNIVERSITY**  
*Dougher-Frevert-Ramsey, Architects, Des Moines*

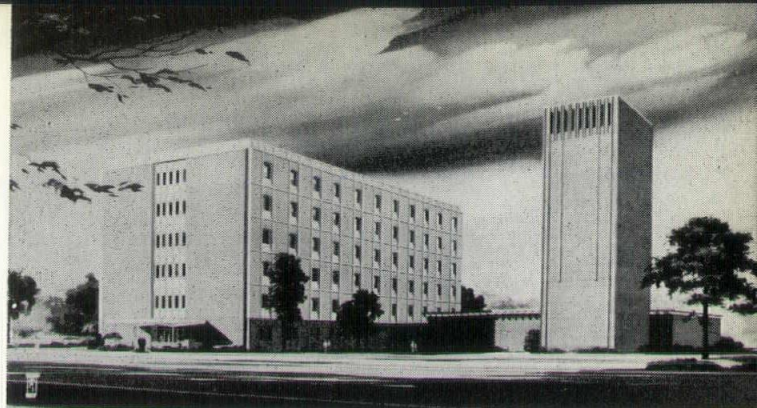
**PLANT SCIENCE BUILDING  
 IOWA STATE UNIVERSITY**  
*Durrant and Bergquist, Architects, Dubuque*



**CRISS MEDICAL CENTER, CREIGHTON UNIVERSITY**  
*Tinsley, Higgins, Lighter and Lyon, Architects, Des Moines*



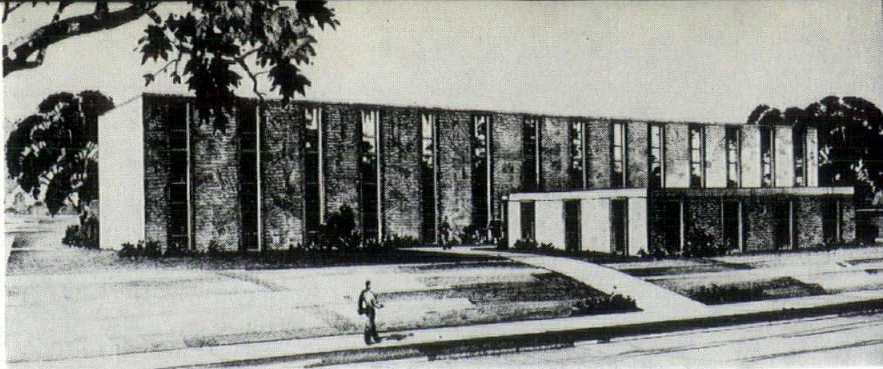
PHYSICS AND MATHEMATICS BUILDING  
STATE UNIVERSITY OF IOWA  
*Durrant and Bergquist, Architects, Dubuque*



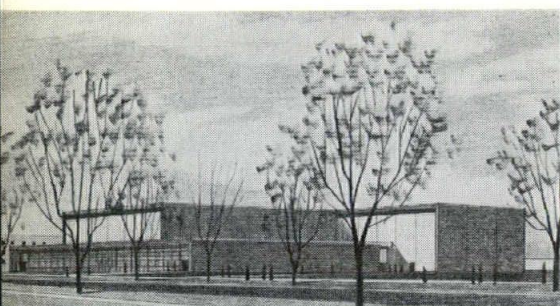
SCIENCE BUILDING, WALDORF COLLEGE  
*Gjelten and Schellberg, Architects, Forest City*



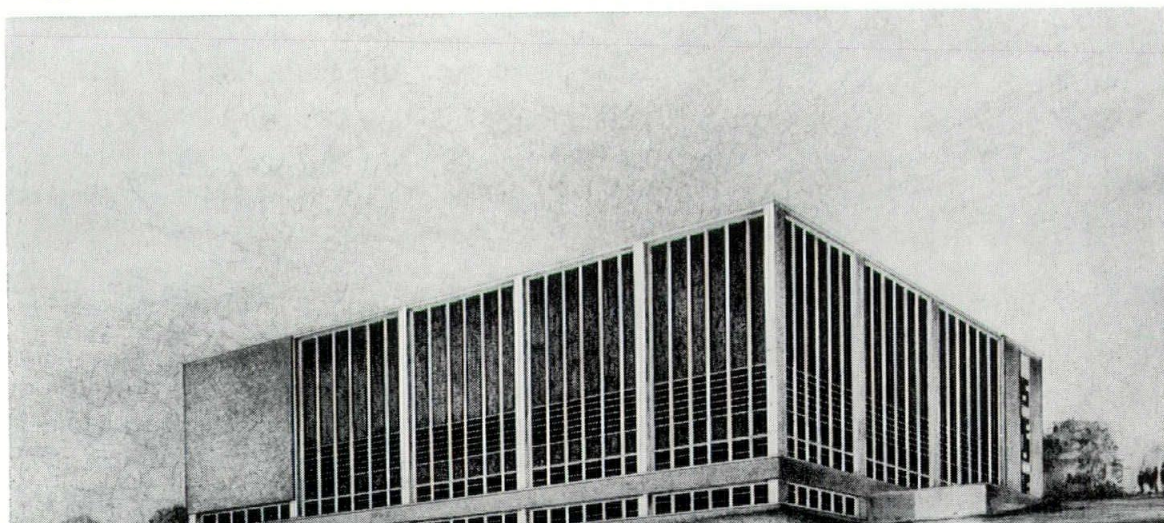
MEN'S DORMITORY,  
GRANDVIEW COLLEGE  
*Architects Associated, Architects, Des Moines*



PHYSICAL EDUCATION BUILDING, IOWA STATE UNIVERSITY  
*Savage and Ver Ploeg, Architects, West Des Moines*



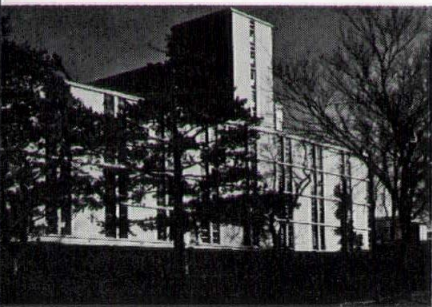
LAW ANNEX AND LIBRARY, STATE UNIVERSITY OF IOWA  
*Waggoner and Waggoner, Architects, Mason City*



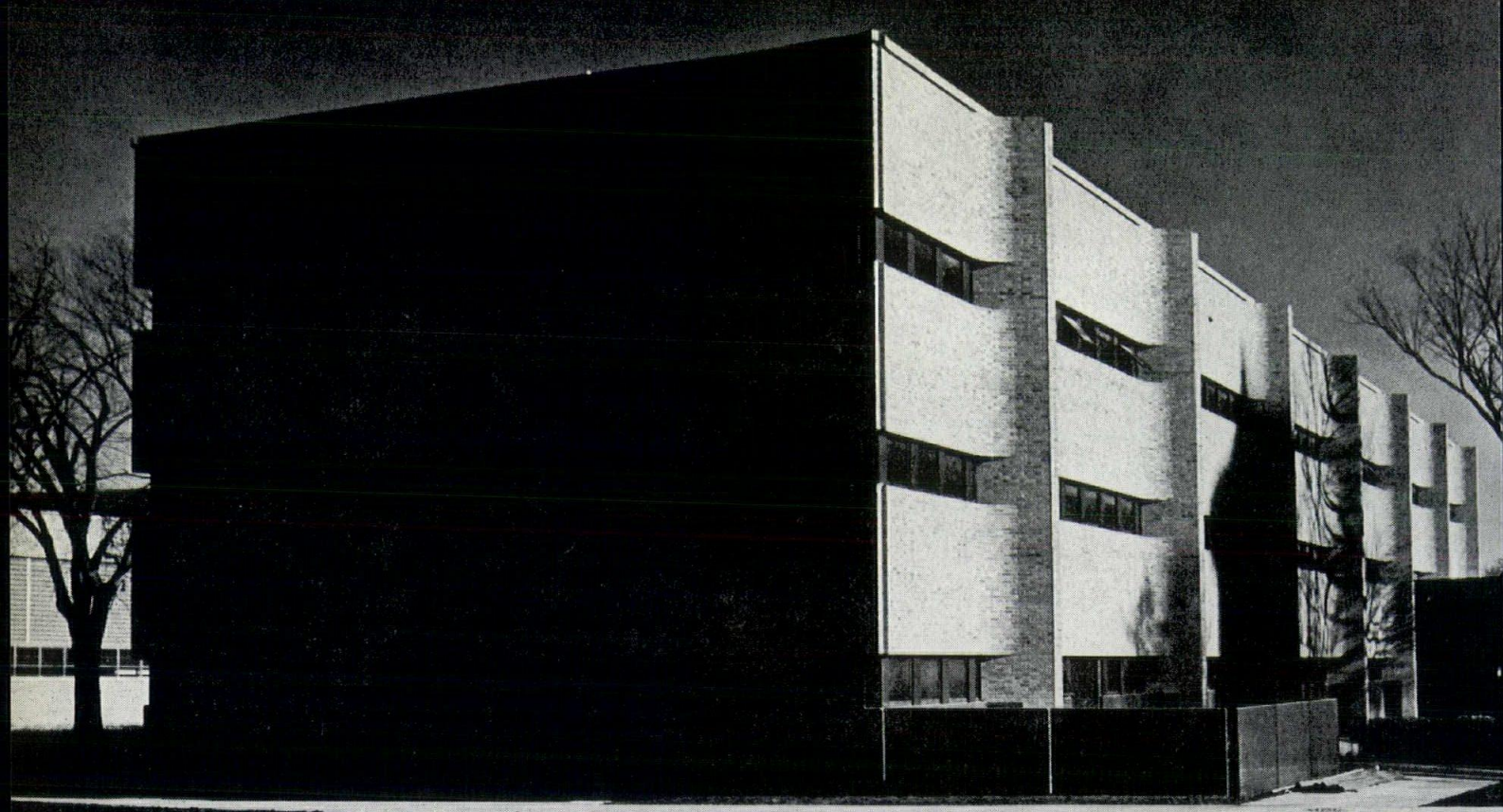
KARL JOSEF WINKLER



KARL JOSEF WINKLER

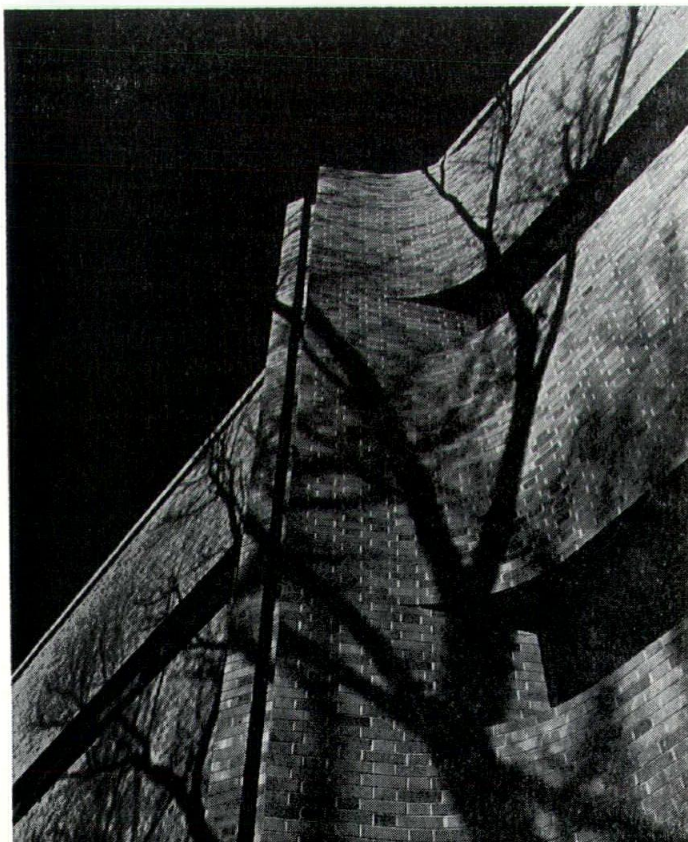


GRADUATE STUDENT DORMITORY,  
IOWA STATE UNIVERSITY  
*Brooks-Borg, Architects, Des Moines*



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ENGINEERING BUILDING,  
IOWA STATE UNIVERSITY  
*Brooks-Borg, Architects, Des Moines*



KARL JOSEF WINKLER

## CONVENTION RESOLUTIONS . . . . (from page 6)

The Iowa Capitol Planning Commission was commended for its "exceptionally constructive effort to meet future needs of the State in an orderly and economical manner." The commendation to Amos Emery, A.I.A., and those working with him came in a resolution adopted unanimously at the Saturday morning business meeting. The plan was commended to the attention of the future sessions of the Iowa Legislature.

The late Burdette Higgins, who had been active in the chapter for nearly 40 years, was the subject of a resolution which called attention to his talents and qualities, among which were: A perfection of draughtsmanship comparable to any, sympathetic guidance of young men in the profession, balanced judgment, and a dedication to the Chapter and the Institute. Mr. Higgins, a past president and past secretary of the Chapter, had retired on January 1 because of illness. Death came within two weeks.

That merit and ability should be the only criteria for employment in architectural offices or in the crafts was endorsed by another resolution approved unanimously.

The resolution said, in part, that the Iowa Chapter asserts its belief "that merit and ability should be the only criteria for employment, and the firm intent of its members to support this principle whether in the direct employment of personnel or in the crafts with which the Architects come in contact in the course of their professional activities.

Resolutions of appreciation were unanimously adopted honoring Elmer H. Borg, A.I.A. who retired Jan-

uary 1, from the firm of Brooks-Borg, to the Iowa Chapter of the Producer's Council for its activities, and Tom Porter, convention chairman, for his efforts in producing the 1964 program.

Vic Gibson, A.I.A., Waterloo, extended a gracious invitation from the architects of Waterloo for the Iowa Chapter to hold its Summer Meeting at Waterloo, with the site and dates to be announced later.

Bill Findlay, new president of the Student Chapter, A.I.A., at ISU, announced plans for the Student Awards Banquet for April 21 at Memorial Union, ISU, Ames.

Patrick Horsbrugh, Professor of Architecture at the University of Nebraska, described the progress of the transport of an English church designed by architect Christopher Wren to a new site which will also commemorate Winston Churchill's famous "Iron Curtain" speech at Columbia, Missouri.

Dr. Richard Blackwell, director of the Research in Vision Project at Ohio State University, held an intent audience for two hours of very technical presentation on "Vision Engineering."

The climax of the Thursday night program was a high impact film entitled "Very Nice, Very Nice," presented by James Lucas, director of public relations for Hermand Miller, Inc., Zeeland, Mich. He titled his talk "The Personal Consequences of Architecture."

William J. Wagner, A.I.A., Des Moines, was the recipient of an unusual honor from the International Bricklaying, Mason and Tilelaying Union in the form of an Honorary Membership card, one of few such cards issued by the union. Presentation was made by Edgar George, Milwaukee, representing the Bricklayers' International Union on behalf of Local No. 2, Des Moines.

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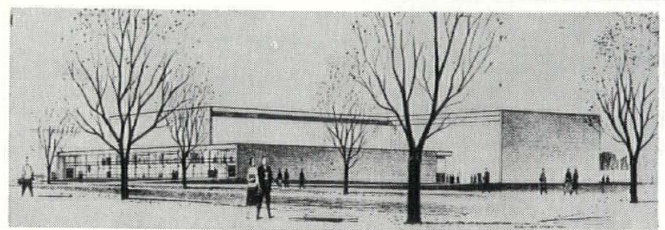
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ARCHITECTS: Savage and Ver Ploeg, Architects

### *Sparkling Beauty — The New Physical Education Building at Ames*

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**Iowa Examinations, Mar. 31-Apr. 3**

The Iowa Board of Architectural Examiners will examine and interview applicants for Iowa licenses to practice architecture March 31, April 1, 2, and 3.

O. H. Thorson, board president, said the board would meet April 3, and he announced registration of four men as licensed to practice architecture in Iowa.

Applicants for license will be examined beginning March 31 at the office of the Board of Examiners, Third Floor, Iowa State Capitol Building, Des Moines.

Newly registered architects are:

Herbert R. Hammer, Memphis, Tennessee.

Howard M. Parkhurst, Rock Island, Illinois.

Robert D. Eflin, Wichita, Kansas.

Gerhart J. Buehrer, Cedar Rapids.

Thorson represented the Iowa Board at a meeting February 14 at Cincinnati, Ohio, of proposers of a Central Conference of the National Council of Architectural Registration Boards.

**Calendar**

21 April—Awards Banquet, Student Chapter, A.I.A.  
Ames Memorial Union, Iowa State University

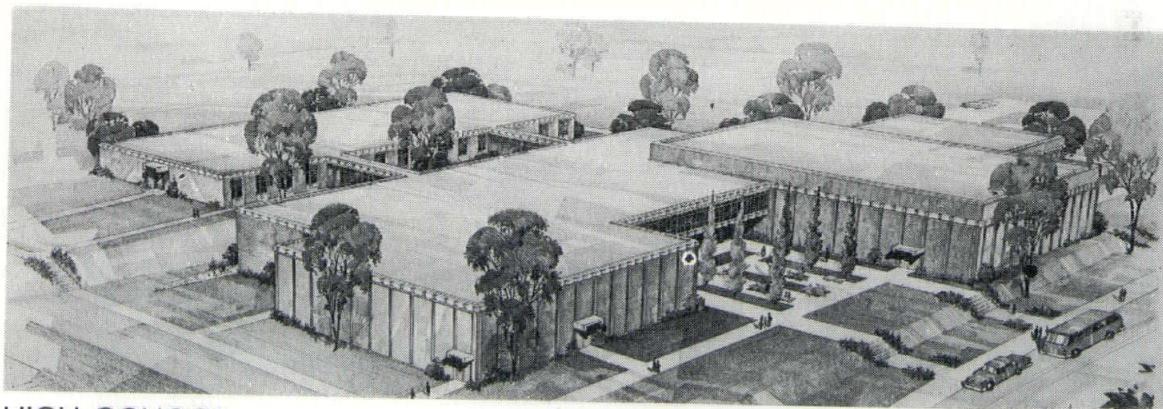
14-18 June—National Convention, A.I.A., St. Louis,  
Missouri, Chase Park Plaza Hotel.

29-31 October—Central States Regional Conference,  
Kansas City, Missouri Hotel Muehlbach

1 December—Iowa Chapter Meeting, Des Moines, Hotel  
Savery

28-30 January 1965—1965 Convention, Iowa Chapter  
A.I.A., Des Moines, Hotel Savery

1965 Central States Regional Conference, Des Moines  
1966 Convention, Iowa Chapter, A.I.A., Cedar Rapids



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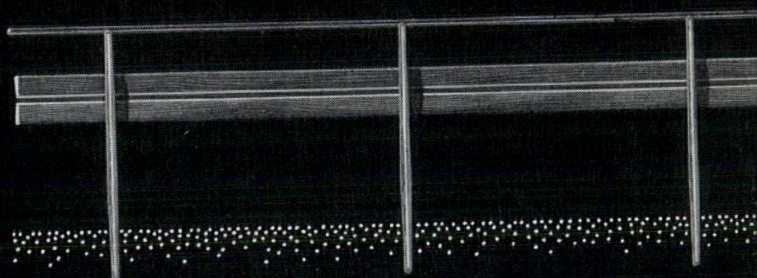
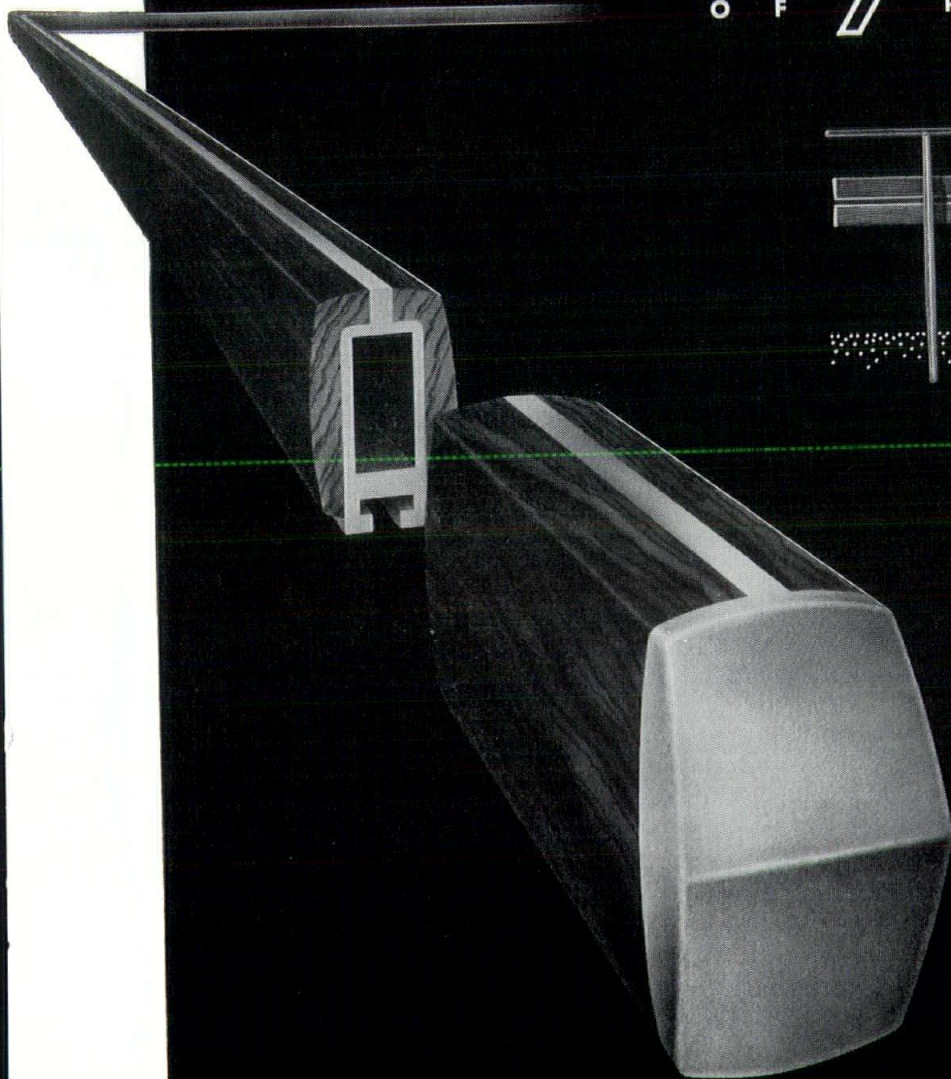
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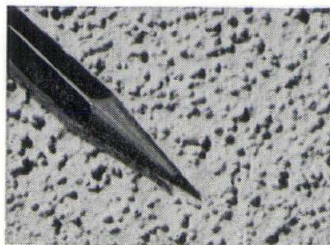


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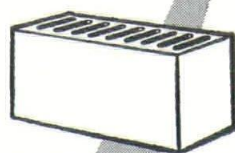
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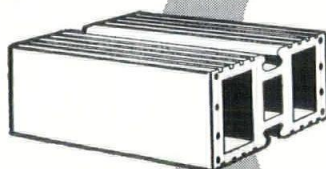
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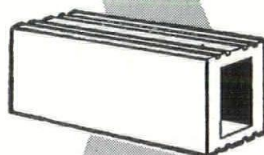
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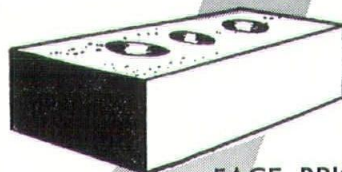
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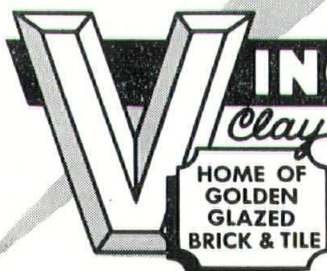
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## WAGNER SPARKS PLAN FOR WEST BRANCH

William J. Wagner, A.I.A., chairman of the Iowa chapter's committee for the preservation of historic buildings, has taken a leading part in a plan to restore the Main Street of West Branch, Iowa, to the type of store fronts that were there during the boyhood of former President Herbert Hoover.

In Hoover Park, the home, the Hoover blacksmith shop, a Quaker church, and the Hoover Library commemorate there the birth of the former president.

Wagner spoke in February before the group which has formed the West Branch Heritage Foundation, and which laid plans for creating in West Branch a restoration of the midwest town's main street of the 1870's.

Wagner's suggestion for a restoration project was made during a formative meeting of the West Branch Foundation, at which Wagner had been asked to present suggestions the group might use to attract into the town some of the nearly 100,000 persons who are expected to visit the West Branch Hoover Memorial each year. More than 50,000 visitors stopped at the Hoover Library last year.

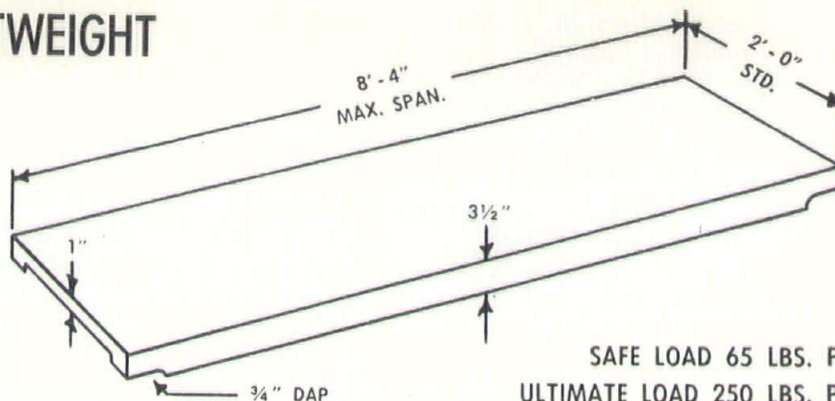
Wholesale rebuilding and remodeling are not contemplated, but the store fronts along the street will provide visitors with the atmosphere of 90 years ago.

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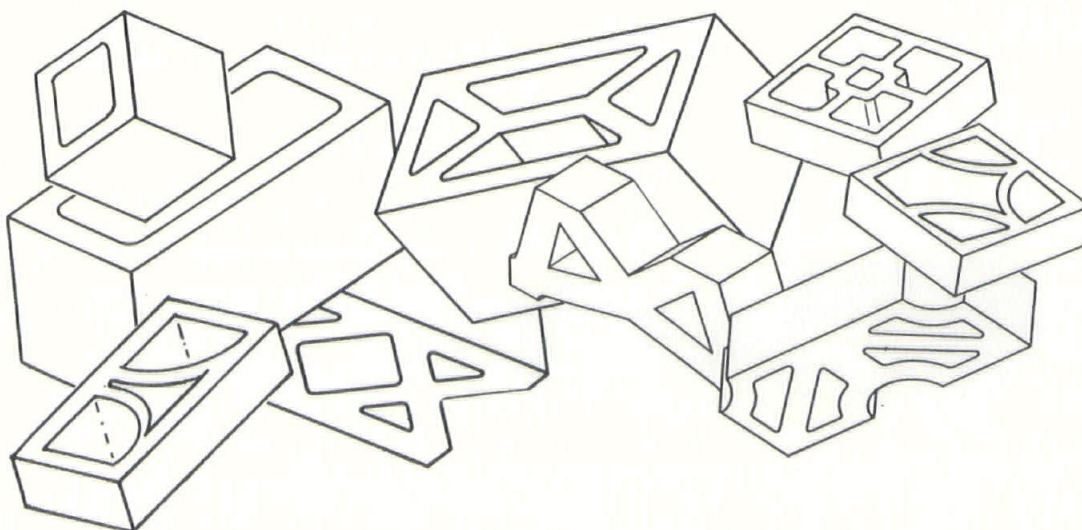
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## ESTABLISH FOUNDATION FOR ISU ARCHITECTURE

Formation of the Iowa State Architectural Foundation is announced by the Leonard Wolf Memorial Committee of the faculty of the Department of Architecture and Architectural Engineering at Iowa State University, Ames.

A formal announcement of the foundation said in part:

"The creation of architecture foundation was a principal goal of Leonard Wolf during the last few years of his life. As he envisioned it, the foundation would have the

purpose of improving the status of the Department of Architecture and Architectural Engineering by providing funds to be used in areas for which state appropriated monies are not available."

The foundation funds could be for the purchase of equipment, securing visiting critics, or paying for outstanding lecturers to take part in departmental affairs. Funds also might be used to encourage student and staff participation in architectural conferences and seminars.

The foundation will be known as the Leonard Wolf Memorial Fund, and contributions should be made

payable to that fund, which will be administered by the Alumni Achievement Fund and the Head of the Department of Architecture.

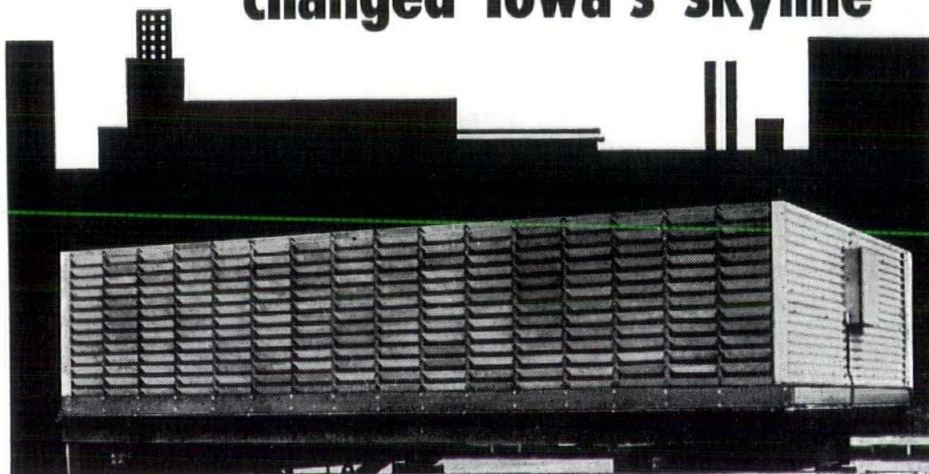
First award from the fund was made at the April 1963 Student Chapter Awards Banquet with the presentation of \$100 to James Lambers, third year student, for high scholastic achievement.

Members of the Faculty Committee for the fund are Clair B. Watson, Arthur E. Burton, R. O. Lorenz, and B. J. Slater. Contributions to the fund have been made by the Iowa Chapter, A.I.A., and the Producer's Council.

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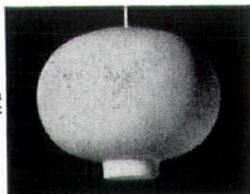
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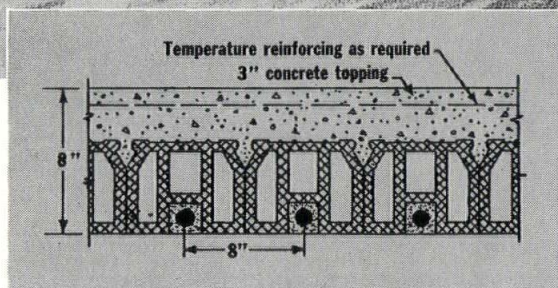
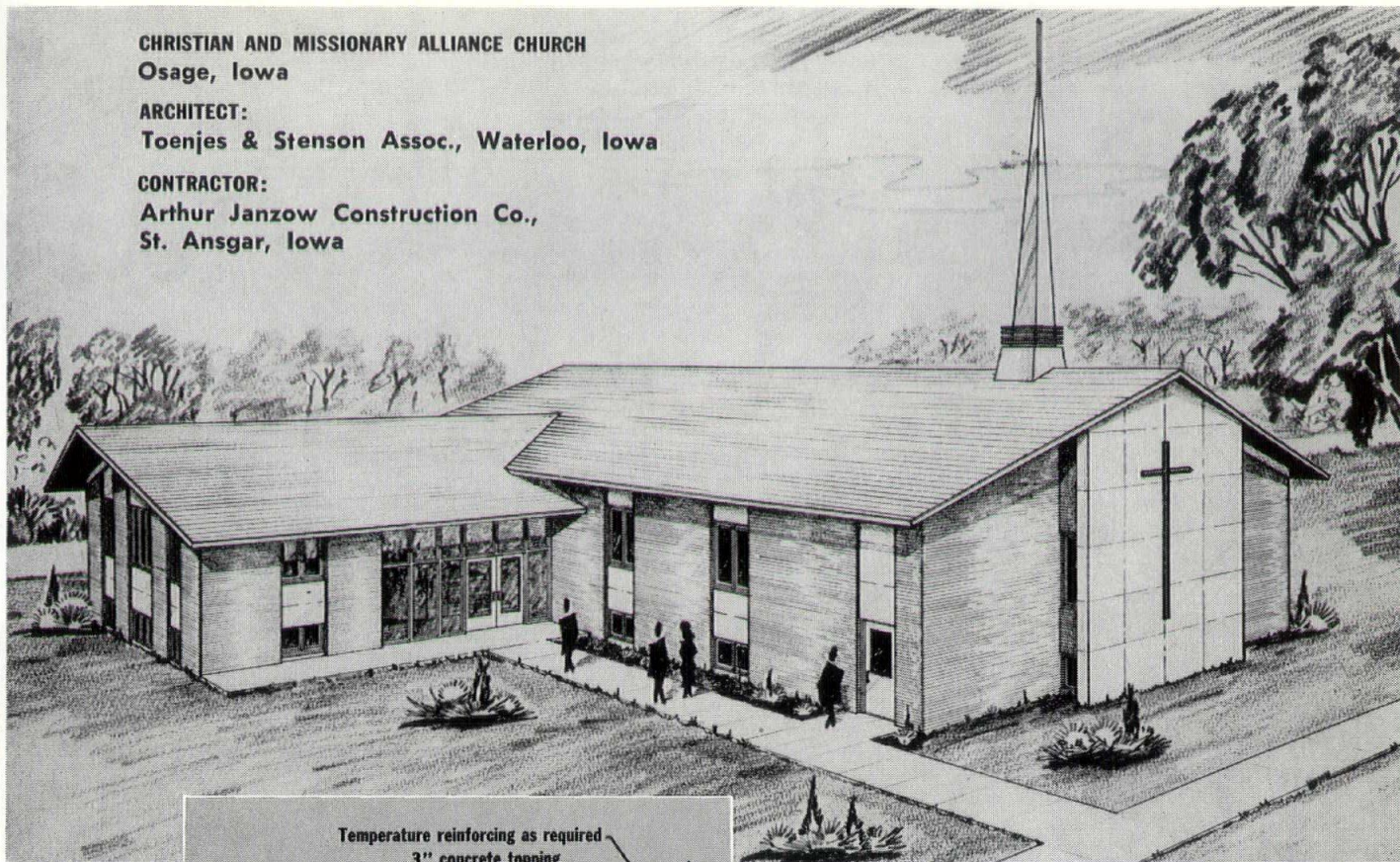
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## A.S.C.-A.I.A. HONORS KOCIMSKI OF ISU

Karol Jan Kocimski, A.I.A., professor of architecture at Iowa State University, Ames, has received a "Service Award" from the Association of Student Chapters of the American Institute of Architects.

The plaque, signed by A.I.A. President J. Roy Carroll, says in part: Awarded to Karol Jan Kocimski for valued and outstanding service to the association of student chapters of the American Institute of Architects in a manner emulating the highest standards of architectural practice."

## STUDENTS ANNOUNCE MEETING PLANS

Subjects and dates for meetings of the Student Chapter, A.I.A., at I.S.U. have been reported by Tim Downing, Internal Vice President.

Particular attention was drawn to the April 7 meeting when a film on the Coventry Cathedral will be shown in the E.E. Auditorium at 7:30 p.m.

Dates and subjects are:

April 1—Prof. K. J. Kocimski informal meeting with Juniors, Sophomores.

April 7—Coventry Cathedral (film) E.E. Auditorium 7:30 p.m.

April 21—AWARDS BANQUET, Memorial Union

April 28—Illustrated Talk by Paolo Soleri, architect-craftsman.

May 7-8-9—VEISHEA

May 13—Prof. Vernon Stone will talk of Frank Lloyd Wright.\*

\*Tentative date.

## MASONRY SEMINARY

Architects from throughout Iowa were invited to a seminar on Unit Masonry conducted by the Producers Council, March 19, at the Hotel Savery.

Clyde Lighter, A.I.A., Des Moines, was named to moderate the afternoon session. Speakers were Henry Toennies of the National Concrete Masonry Association, Washington, D.C., James G. Gross, Structural Clay Products Institute, Washington, D.C., Malcom H. Allen, Structural Clay Products Institute, Geneva, Ill., Keith E. Bohling, Portland Cement Association, Kansas City, Mo., and Robert W. Shuldes, Portland Cement Association, Chicago.

Seminar subjects include differential wall movements; contraction, expansion and control joints; mortars; loadbearing walls and lateral strengths.

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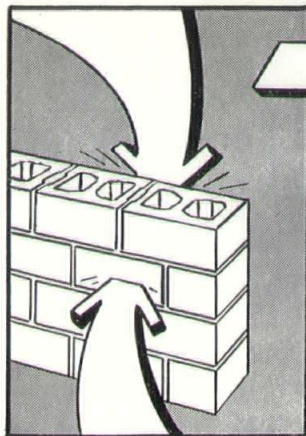
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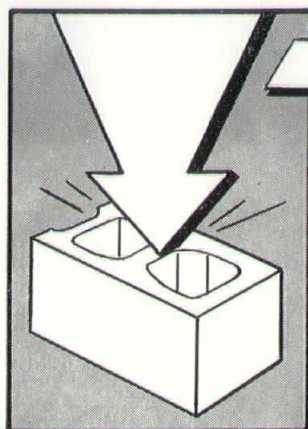
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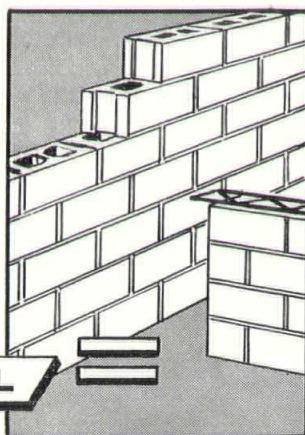
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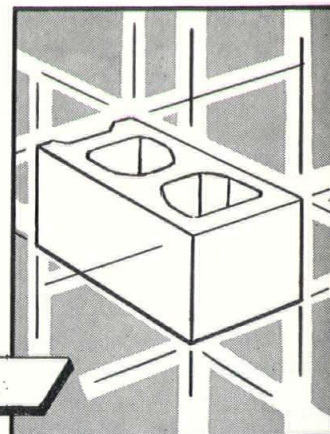
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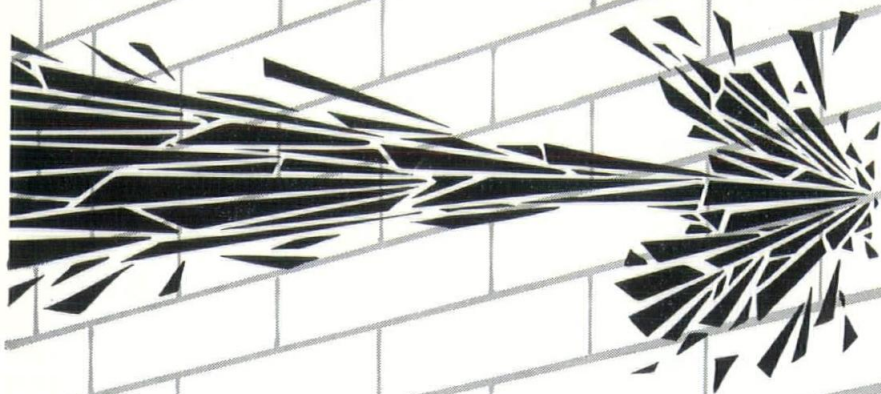
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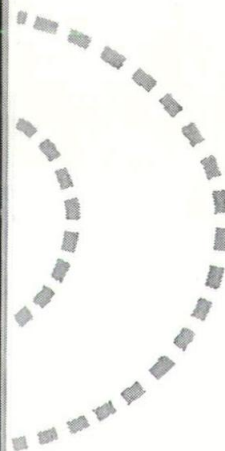
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