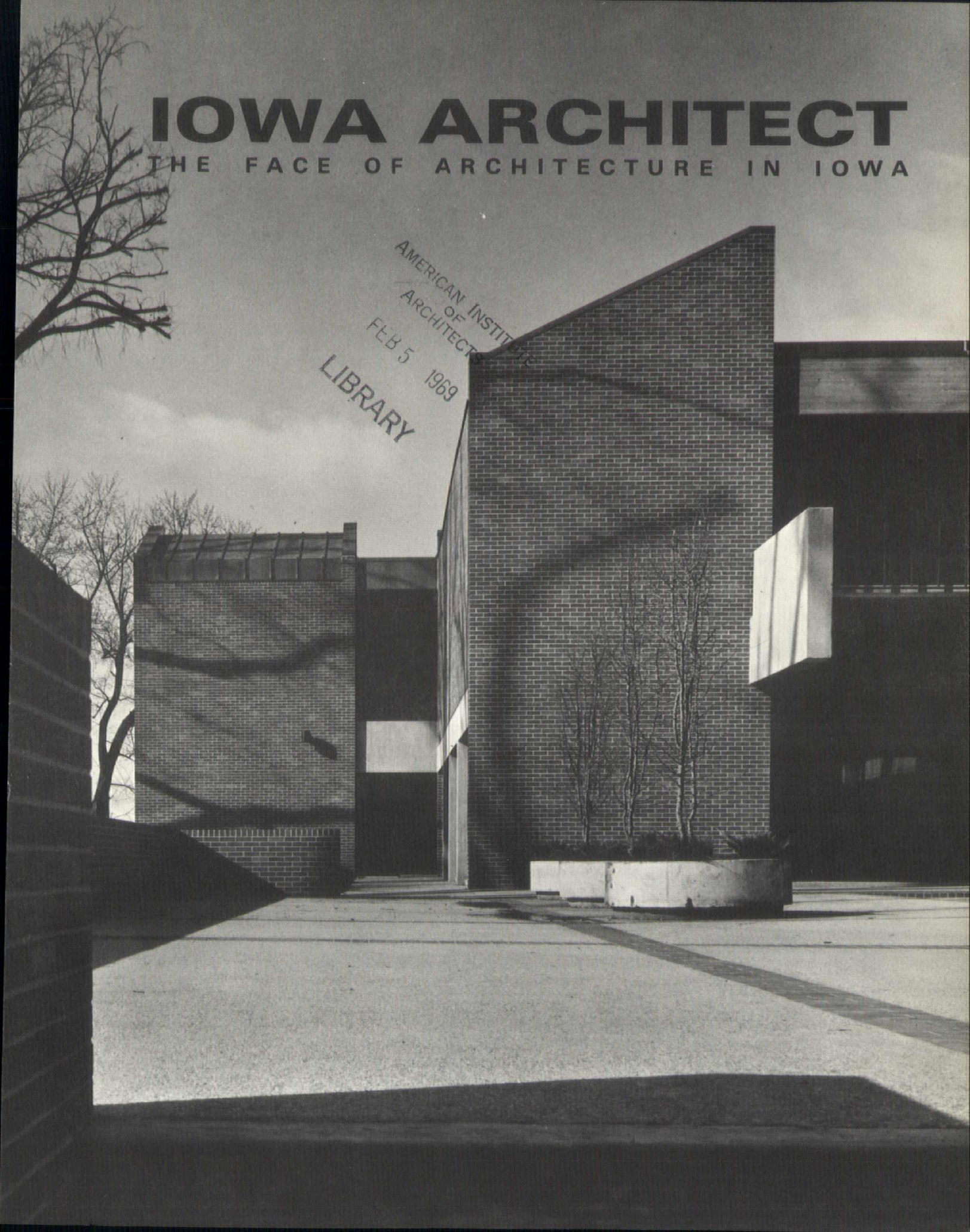


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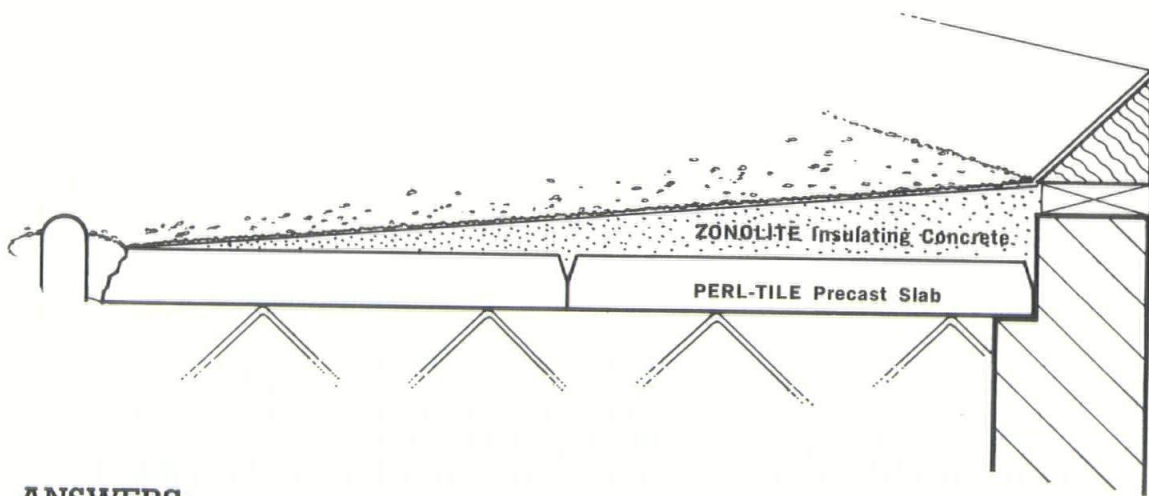


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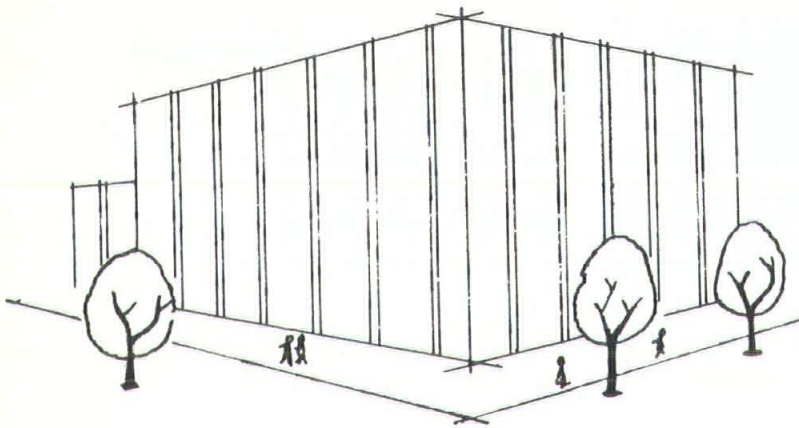
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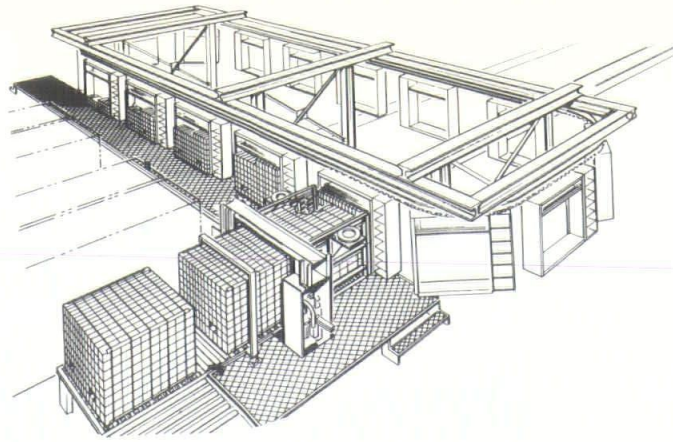
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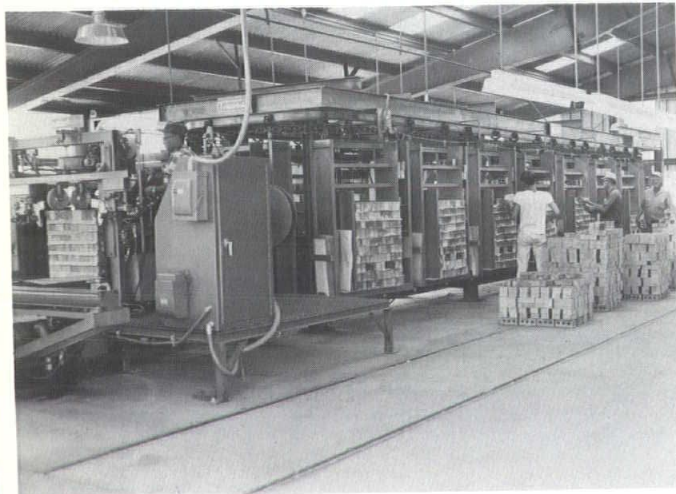
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Featured on the cover is the Brenton Student Center at Simpson College in Indianola, Iowa, by Charles Herbert and Associates of Des Moines.

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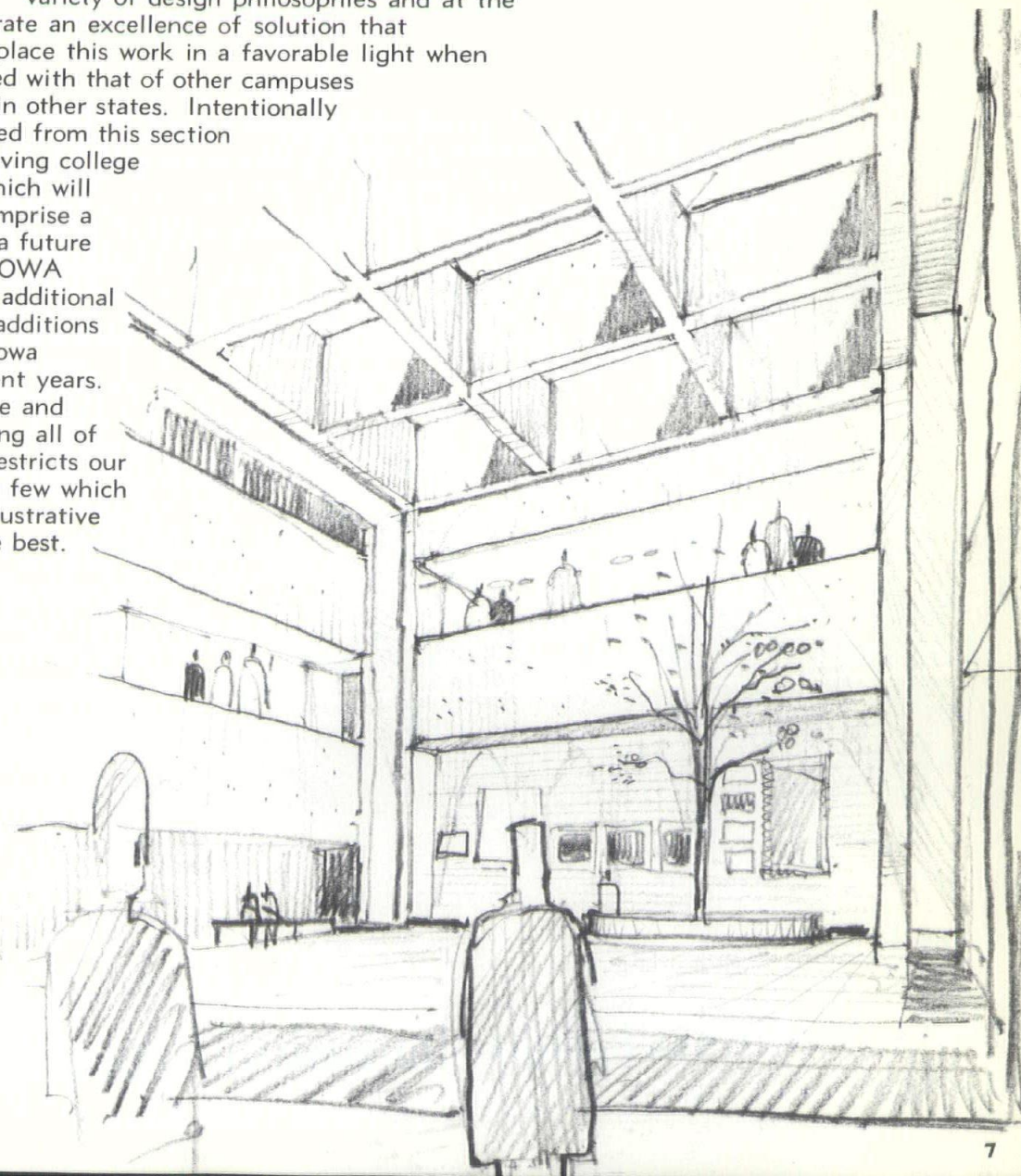
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university buildings - - tools for learning

The following buildings were selected by the editors of the IOWA ARCHITECT to illustrate the vast range of design problems solved by Iowa architects as they serve Iowa's colleges in their building programs. The illustrations show a variety of design philosophies and at the same time illustrate an excellence of solution that place this work in a favorable light when compared with that of other campuses in other states. Intentionally excluded from this section are buildings involving college housing which will undoubtedly comprise a special section of a future issue of the IOWA ARCHITECT. Many additional fine buildings or additions have been done on Iowa campuses in recent years. Editorial space and information concerning all of them necessarily restricts our mentioning but a few which we feel are illustrative of the best.

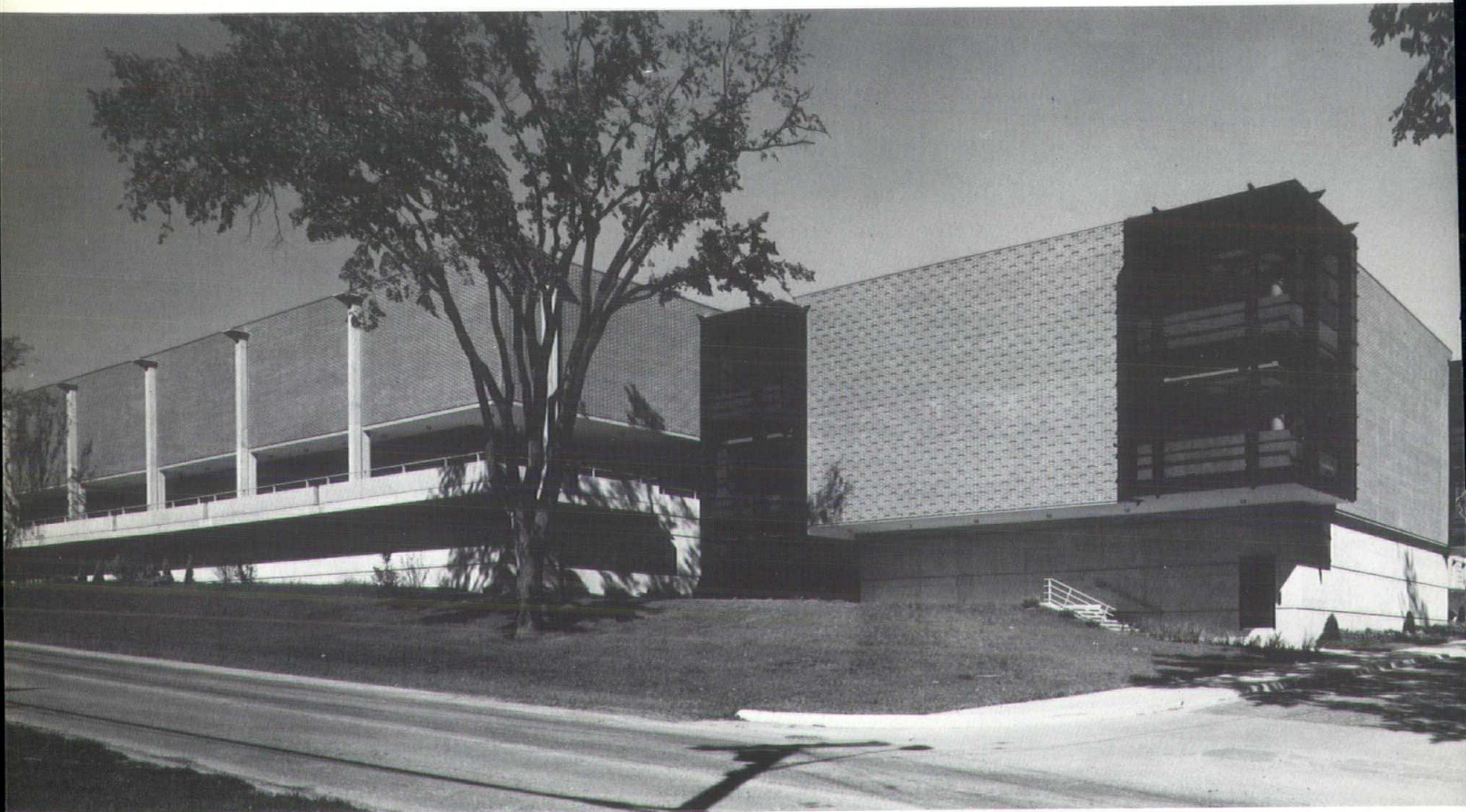


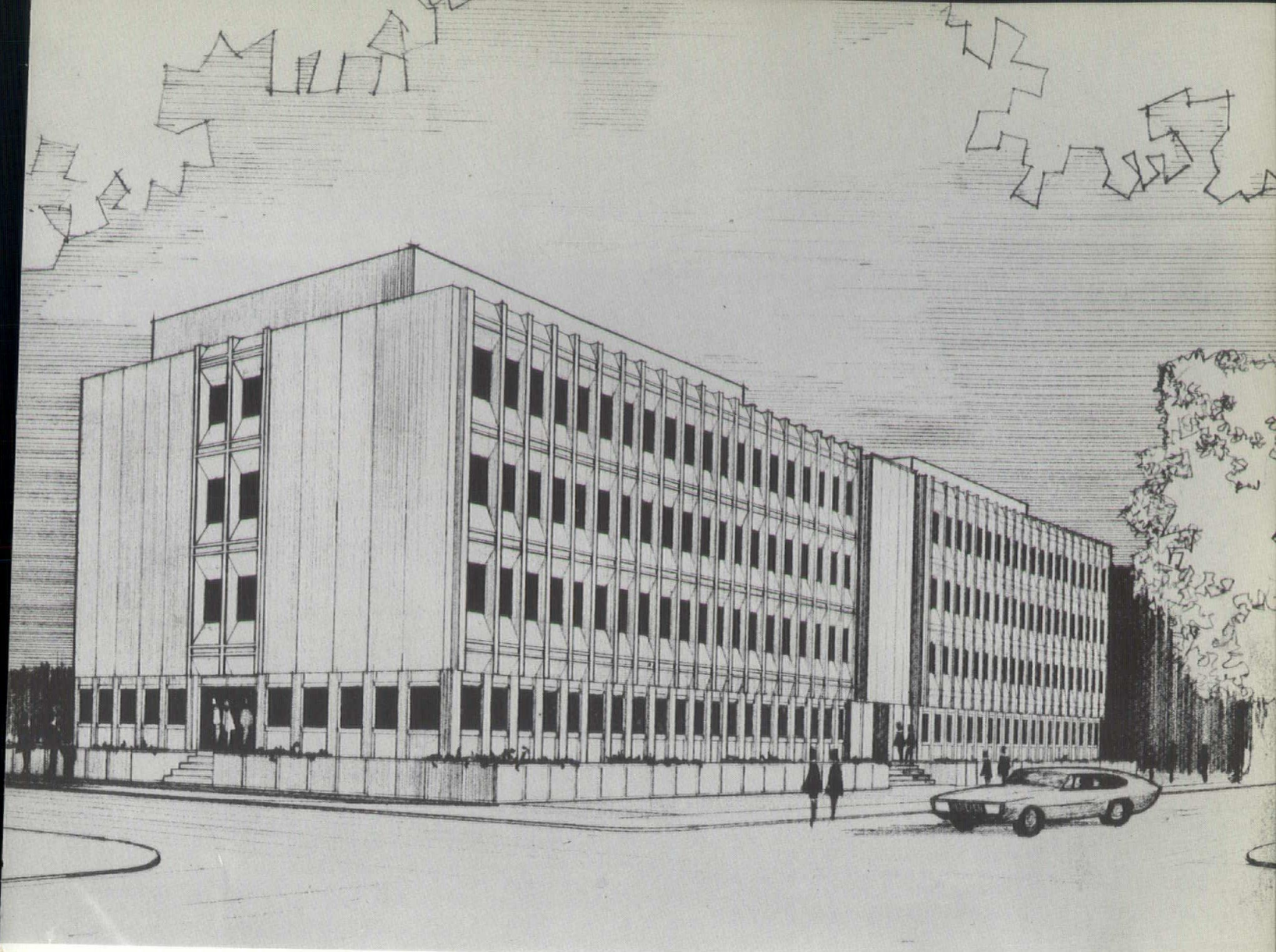
THORSON-BROM-BROSHAR-SNYDER
WATERLOO, IOWA

science building

UNIVERSITY OF NORTHERN IOWA
CEDAR FALLS, IOWA

Architects Thorson-Brom-Broshar-Snyder adapted this building to a sloping site by providing horizontal walkways around the perimeter of the laboratory and classroom spaces adjoining the lecture hall seen at the right of the picture. The Science Building becomes a welcome and needed facility at the University of Northern Iowa, Cedar Falls.





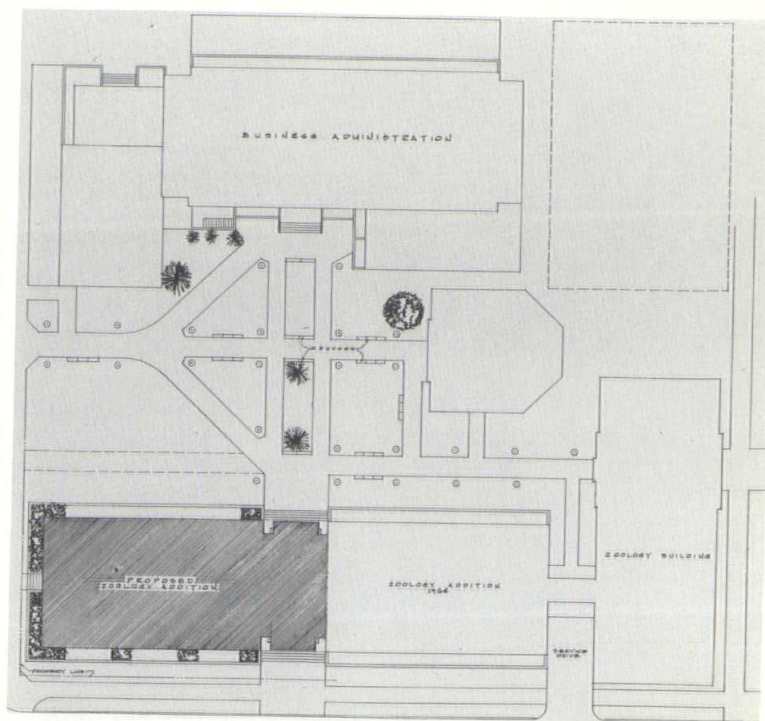
CHARLES RICHARDSON AND ASSOCIATES

zoology II building

UNIVERSITY OF IOWA
IOWA CITY, IOWA

GEORGE HORNER AIA,
UNIVERSITY ARCHITECT

The office of Charles Richardson and Associates in association with University Architect George Horner have been commissioned to design an addition to the Zoology building at the University of Iowa, Iowa City. The addition closely follows the form and appearance of Zoology I, which was recently completed and is indicated to the right of the main entrance which will be centered on the long facade of the building when addition II is completed.





**SAVAGE AND VER PLOEG
WEST DES MOINES, IOWA**

music building
**CENTRAL COLLEGE
PELLA, IOWA**

This building houses the Music Department at Central College in Pella. Architects Savage and Ver Ploeg expressed the several functions of the building in this design by showing separate building masses housing the recital hall and rehearsal hall. These smaller elements flank the main portion of the building which houses faculty studios, library, offices and student practice rooms.

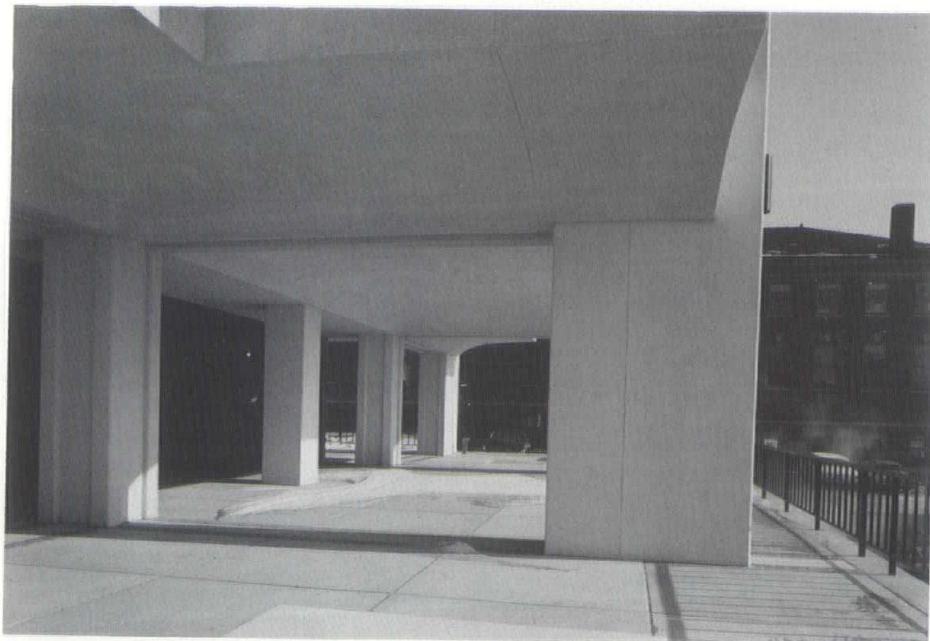
DURANT-DEININGER-DOMMER-
KRAMER-GORDON
DUBUQUE, IOWA

***laboratory research
building***

UNIVERSITY OF WISCONSIN
MADISON, WISCONSIN

SHINJI YAMAMOTO,
PROJECT COORDINATOR
WISCONSIN BUREAU OF
ENGINEERING

This building at the University of Wisconsin was designed by the Dubuque firm of Durrant-Deininger-Dommer-Kramer-Gordon. It features a central mechanical and circulation core with laboratories distributed around the perimeter with large windowless areas in the exterior wall which facilitate the installation of lab equipment. The building's principal exterior materials are carefully controlled architecturally finished reinforced concrete and brick which are in harmony with adjacent buildings on the campus.



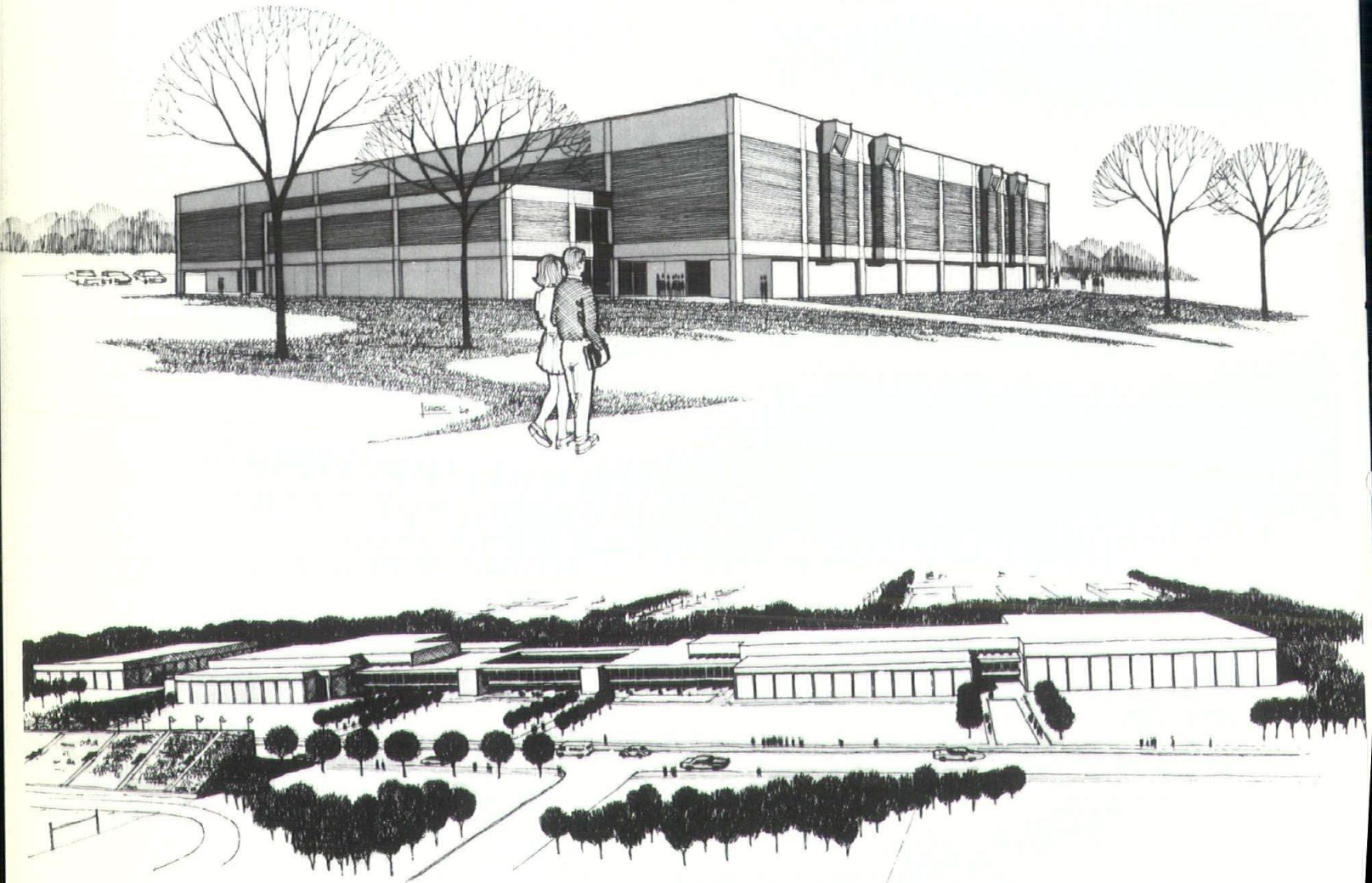
SAVAGE AND VER PLOEG
WEST DES MOINES, IOWA

***physical education
center***

UNIVERSITY OF NORTHERN IOWA
CEDAR FALLS, IOWA

ROBERT PORTER AIA,
UNIVERSITY ARCHITECT

Savage and Ver Ploeg have been commissioned to do the first units of University of Northern Iowa's new physical education center. The accompanying sketch indicates the master plan as it will appear when all construction is completed. Construction is expected to start during 1969 on the first portion.



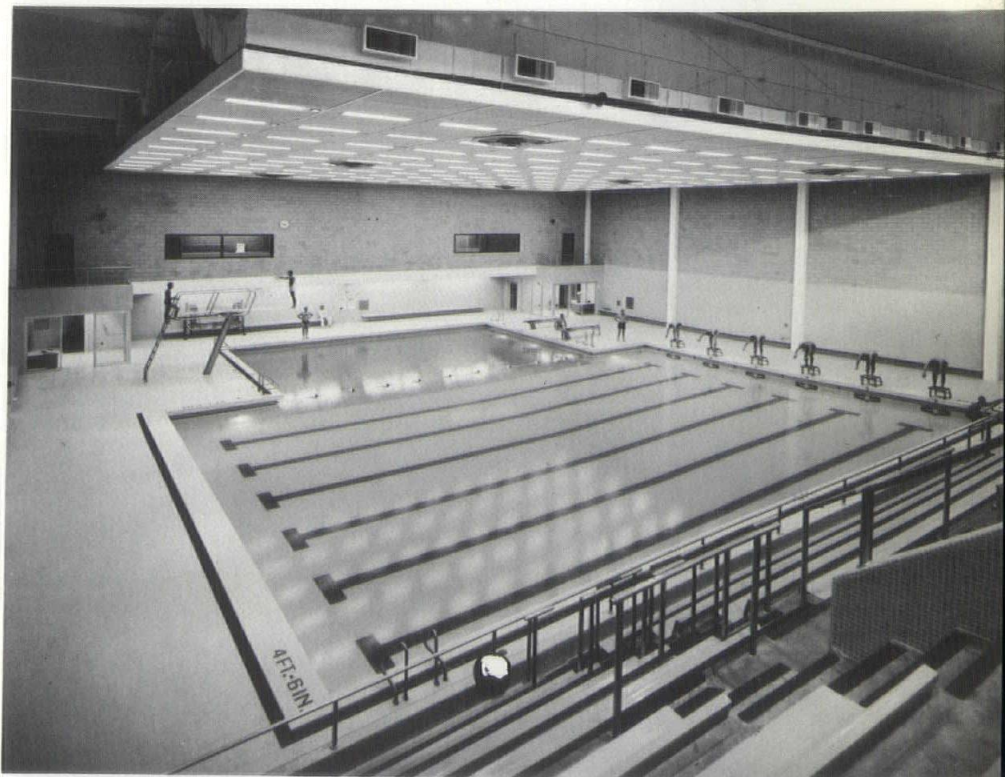


SAVAGE AND VER PLOEG
WEST DES MOINES, IOWA

BEYER HALL
*men's gymnasium and
swimming pool*
IOWA STATE UNIVERSITY
AMES, IOWA

WALTER HOTCHKISS AIA,
UNIVERSITY ARCHITECT

Architects Savage and Ver Ploeg are responsible for the creation of this fine new facility at Iowa State University, which houses varsity and undergraduate locker rooms, a swim-gym, and other physical education activities. It does not include a spectator gym for such things as basketball. The exterior materials are brick and pre-cast concrete. A feature of the building's construction was a poured-in-place prestressed concrete roof system which was post-tensioned thereby producing long spans of concrete with a resultant of low maintenance and good fire rating over the pool space.





RUSSELL AND LYNCH
DES MOINES, IOWA

***physics building
addition***

IOWA STATE UNIVERSITY
AMES, IOWA

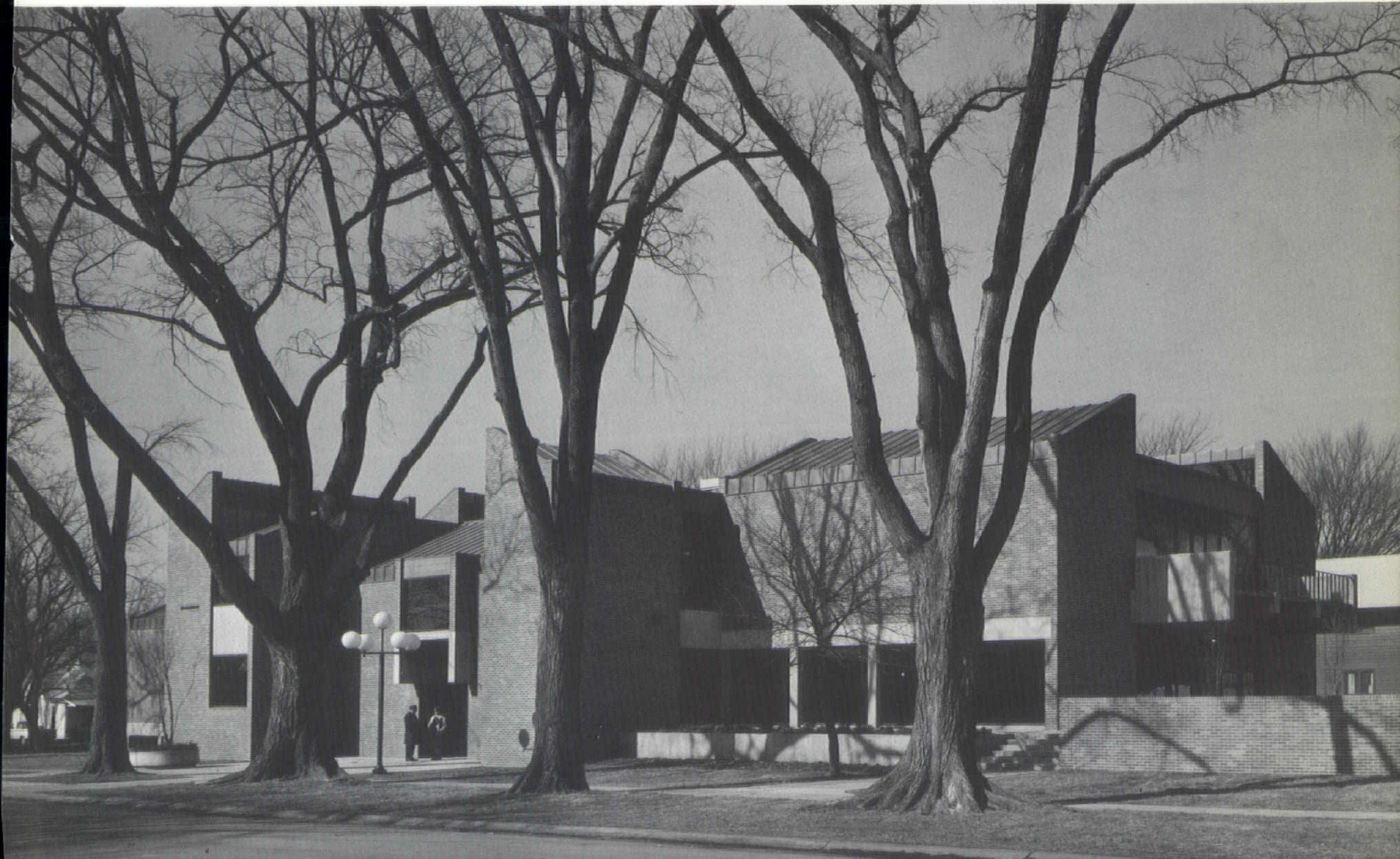
This building, devoted almost entirely to nuclear research, is attached to the north end of the one-story Physics building on the Iowa State campus. Leased ground occupied by the Atomic Energy Commission greatly restricted the site so that the vertical configuration of the building was dictated as a solution. The intermediate and lower floors are nearly all laboratory space or offices directly relating to laboratories while the upper floor is primarily office space. The architects solved the problem of few windows in laboratories and many windows in the offices through the piercing of the white precast concrete cap which crowns the building. A large penthouse contains mechanical equipment for air conditioning, elevator equipment, and pumps and filters for de-ionized water and the similar specialty mechanical requirements.

CHARLES HERBERT AND ASSOCIATES
DES MOINES, IOWA

brenton student center

SIMPSON COLLEGE
INDIANOLA, IOWA

Sited on the north edge of the campus, the union takes advantage of a city park directly east, toward which is oriented a plaza, balcony and ample glass area. The materials are harmonious with those existing on the campus. Interior spaces are arranged at various ascending levels about a central skylit gallery which rises three stories. A requirement which dominated the solution was the ability to visually control the many spaces from a central location, thus establishing the characteristic, open, interrelated spaces. Clerestories in several spaces balance the strong natural lighting of the gallery space.



CHARLES HERBERT AND ASSOCIATES
DES MOINES, IOWA

***theo and a. h. blank
center for the
performing arts***

SIMPSON COLLEGE
INDIANOLA, IOWA

The Center houses a five-hundred seat theater with staging adaptable to either proscenium or thrust type. Other facilities include an experimental theater, gallery-lounge, workshop, classrooms and offices. Materials are poured and precast concrete, vertically form-marked, and grey glass with black mullions. The sloping site is developed into a two-level circulation pattern, the upper utilizing a pair of massive concrete bridges. A future visual arts complex will close the south (lower) end of the plaza and relate directly to the Center.

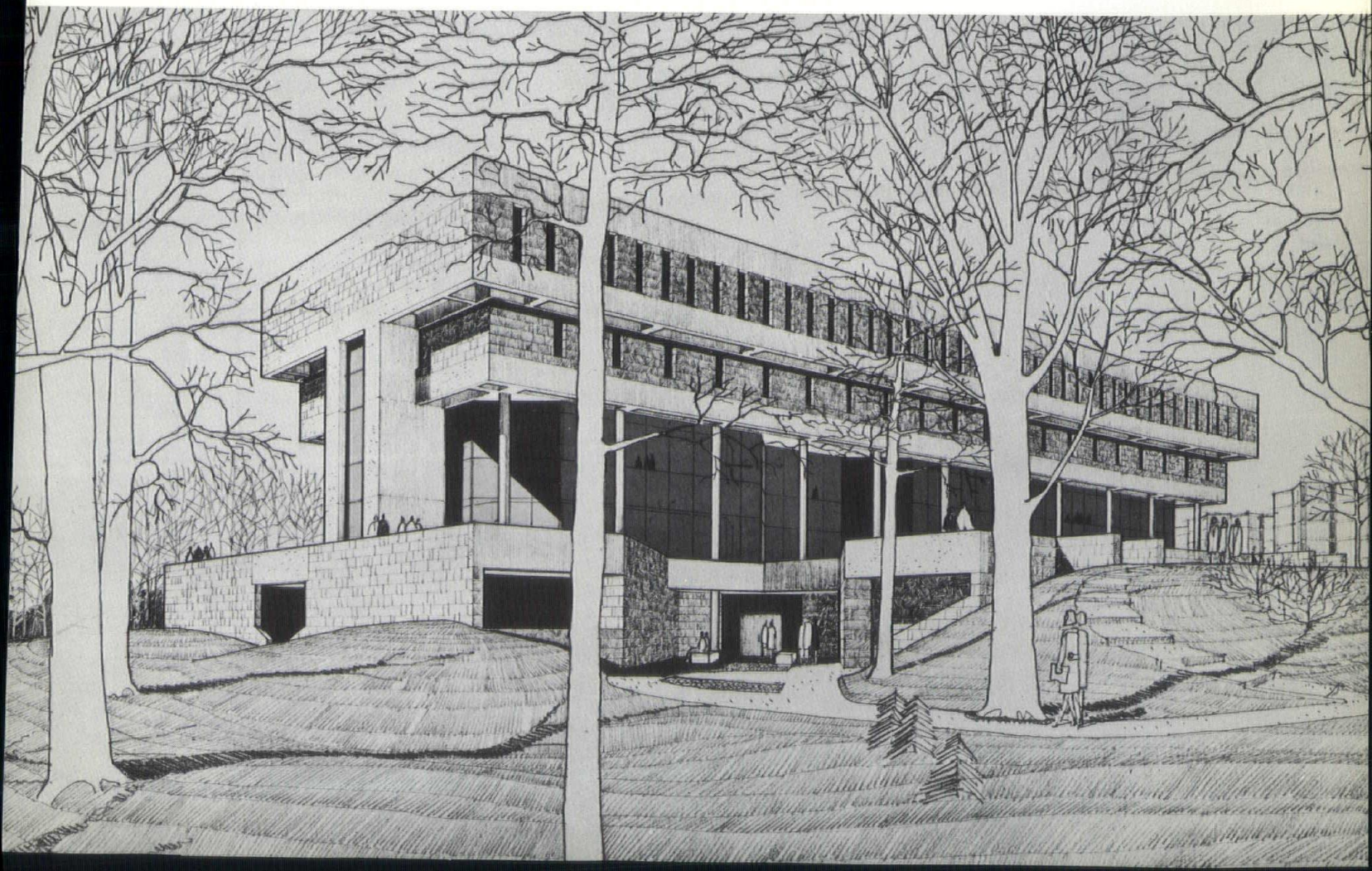
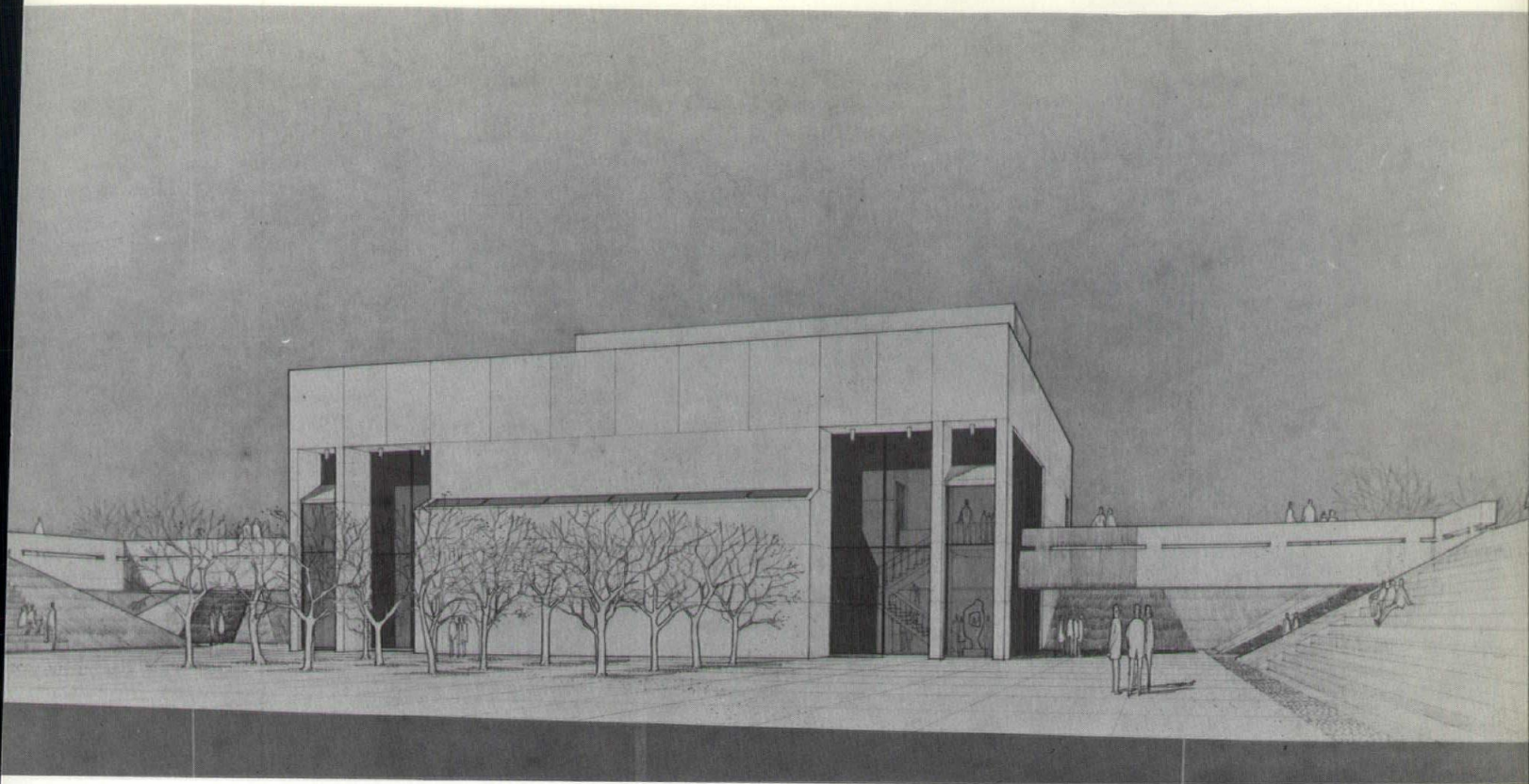
CHARLES HERBERT AND ASSOCIATES
DES MOINES, IOWA

college of nursing

UNIVERSITY OF IOWA
IOWA CITY, IOWA

GEORGE HORNER AIA,
UNIVERSITY ARCHITECT

Rising from the west limestone bluff of the Iowa River and directly west of the Old Capitol, the College of Nursing will share its neighborhood with the forthcoming Basic Sciences complex, an intensively geometric building. The building form is a direct response to its internal needs and to its environment. Large scale, rough-sawn white limestone, similar to that of the Old Capitol and that projecting from its own site, is the dominant material, structurally supported with poured and precast concrete. The lowest level, housing lecture halls and study areas, forms a geometric podium from which the upper levels grow. The middle two levels are completely transparent at the exterior wall. They house administration and classrooms. The upper two levels contain faculty offices and classrooms.





SYMPOSIUM '68

By Doug Frey

Editors Note: *The Symposium took place October 31 and November 1 at the Camp and Conference Center in Newton, Iowa. The one year old facility features heated quarters, bunk bed accomodations, good food, and a rural wooded environment. Papers were given by eight Iowa Architects, with small discussion groups reacting. The evening was spent with a film presentation by Ron Resch, an experimenter in Folded Paper Structures from the University of Illinois.*

In this issue, the paper given by Michael Schroeder, Viroqua, Wisc. a fourth-year student in Architecture at Iowa State University, is presented in full. In following issues other representative papers will be printed.

It would be reasonable to say that the majority of participants in the recent symposium felt it to be highly successful, if from perhaps widely differing points of view. The attendance was good; formal presentations, for the most-part, were well-developed and provoked spirited discussion; physical accommodations and weather were highly agreeable; the format was sensitively structured to establish a rhythm and basic frame of reference, but at the same time flexible where appropriate. In other words, most of the standard ingredients for the "success" of such an occasion prevailed.

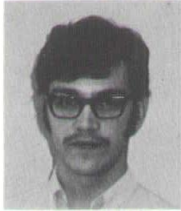
However, it is irrelevant to discuss Symposium 1968 in terms of success, failure, or similar post-mortem adjectives. To do so merely dilutes the experience to just another fraternal get-together of the sort with which we are not unfamiliar. The symposium merely encouraged what many of us feel should be an integral part of

professional practice—the free and unedited exchange of ideas, the opportunity for positively oriented dissent and criticism. It became apparent rather quickly during the day's formal presentations and ensuing group discussions that the value of the symposium would be primarily a personal matter, dependent upon each individual's participation and sensitivity to the situation. This is not to underplay the importance of those efforts which made the symposium possible, but rather to suggest that there can be no real definition or documentation of the event for those who were not present. What did seem to symbolize the experience in a general way was the contrast in the nature of ideas—ideas launched from an intuitive experiential reality on the one hand and a professional reality on the other. Yet there was evidence of a common frustration born from within diverse ideologies and arising from repeated thrusts towards relevancy. There may be more dialogue possible among us than we might have imagined.

These observations are not meant as capsule summary for those who were unable to take part in the symposium, and are obviously unnecessary for those who did. This is not necessarily even an endorsement for future repetition of the event in identical format, but simply to urge that dialogue of the sort that developed during the symposium be given every chance to reoccur in whatever form and under whatever circumstances seem conducive. Papers written in reaction to those presented at the symposium could be one way of expanding the dialogue. There are others.



Ray Reed
Education



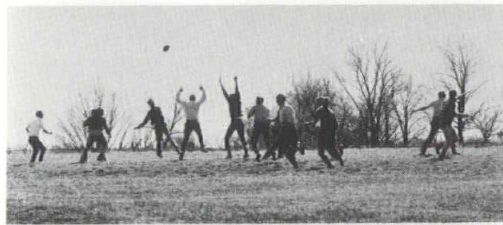
Mike Schroeder
Education



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Design



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Professionalism



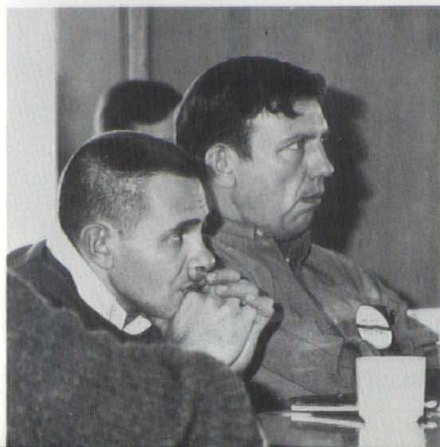
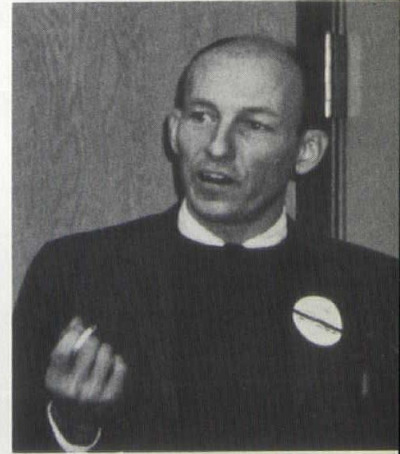
Mark Engelbrecht
Professionalism



Steve Sontag
Architect in Society



Ken Kendall
Architect in Society



toward regional form

part 2 Mark C. Engelbrecht

At the outset of this second paper of the series, I should like to clarify a few attitudes that were not adequately represented in the first essay.

This series of papers, published in advocacy of the central idea of regional urban form, is intended to traffic almost entirely in concepts. Although the written word is largely unsympathetic to a visually oriented profession, I must simply confess that the resources at hand do not allow one to proceed further in the pursuit of a concrete expression. In a recent symposium, sponsored by the Iowa Chapter of the A.I.A., I presented a paper which centered about a proposal whereby professionals in the general discipline of environmental design might gain access to funds which would, in turn, make long term and considerably more specific research possible. In the absence of any such possibility, these papers must go begging and, hopefully, some later date will witness a visually formalized result.

I would hasten to add, however, that concept is the key to any approach involving urban form. Architects are all too ready to work in the mode natural to the profession, and this has resulted in numerous schemes for new approaches to environmental problems which have been long in terms of specific form and somewhat impoverished in the realm of concept. Indeed, it seems apparent that architects are all too readily led astray when called upon to address large scale urban problems because of their penchant for never really being able to distinguish between the general and the particular. Architects naturally tend to design down to the last ash tray, and this inclination is wholly admirable in terms of relatively small scale works. However, in relationship to the total urban fabric, the idea of total design is neither possible or virtuous. An unstructured urban environment is certainly a pathetic thing but the converse is, like all authoritarian attitudes, equally repugnant. Structure is, of course, the vehicle of order, but, as a constituent of urban form, it must never become the advocate of the totalitarian. In this regard, I have encountered examples of new approaches to the urban environment, spawned by architects, which are, to my mind, outrightly fascist in expression.

The second clarification I wish to make is directly linked to the foregoing and may serve to amplify those paragraphs. I am using the phrase, "urban form" quite frequently in these pages and it is necessary that a few words be offered to more adequately explain this bit of jargon. "Form" in the sense I am using it here, is derived from the vocabulary of Louis Kahn and is best

capsulized in a phrase used by the painter, Shahn, as "The Shape of Content." Urban form, then, is the misty shape of concept and general necessity coiled in the heart of the actual life and structure of the city. Urban form is fully dimensional but is never specifically dimensioned insofar as the customary configuration of architecture is concerned.

The reader will recall that the first paper generally outlined the urban form under consideration. In brief, the idea is composed of a city being structured of component communities, very dense and vertically extended, linked by a transportational matrix. The larger form would rise above the agriculturally productive prairie floor which would, hopefully, limit the spread of the component communities, and provide, in turn, rich, ever-changing natural vistas for the citizens of the greater city. This paper intends to scrutinize the constituent communities in greater detail while the third essay of the series will investigate the nature of the matrix defining the total urban entity.

The constituent communities will accommodate approximately 50,000 citizens. It is intended that the basic economic life of the greater city be vested in each component and this indicates that major industrial, administrative and commercial functions be adequately housed within the basic community. Also, of course, the necessities of housing, recreation, and local institutions must be given their appropriate expression. This basic cultural fabric will be expressed in the sense of vertical, rather than horizontal extension, and the nature of this accommodation deserves investigation at some length.

The primary ordering device of American cities is the two dimensional grid. Essentially, it is an easily grasped pattern, open ended and directional rather than static. The traditional grid structure is a thing of process rather than place, and the citizen of the grid city grasps the larger environment conceptually, rather than in fact. As the grid is extended the concept of the city, in the mind of the citizen, becomes increasingly abstract until there is little that is concrete to lend it real meaning. The neighborhood then emerges, which satisfies the citizen's basic need for environmental identification, but usually this reality finds little support in the physical environment simply because the grid is not "place-making" but continuous in nature. The component communities of the larger urban form I am outlining in these papers are generated about the idea of "place" which, in my mind, is an elemental reality lodged in all

human consciousness. The underlying structure of these communities is spatial and static rather than two-dimensional and dynamic. It is the possibility of the vertically extended urban form to create "city-space" and thus render the limits of the community cogent in real terms.

(1) The physical shape of the environment can then become a container in fact, and thence an expression of urban life considerably more apt than that fashioned by the customary transportational continuum exemplified by the grid.

A possible form for the component communities begins to emerge and can be generally outlined. I would caution the reader that we are again dealing in concept, and although many of the words used in the subsequent analysis may evoke specific shape they are chiefly intended to render the general rather than the specific.

The foundation of the community form is shaped by a low service structure circumscribing an interior space approaching a mile in diameter. This foundation structure houses, in successive strata, public utility runs, industry, connections of commercial matrix transport, garage facilities for private and leased automobiles, distributors and collectors for public matrix transit and circumferential community transportation. (2, 3) This basic structure is municipally owned in order to properly protect the service functions and make certain that atmospheric pollution generated by these services and industry are suitably controlled. In a sense, the foundation architecture is the wall of the community and above it rises, to a height of some fifty stories, the vertical envelope of the urban volume. This envelope will accommodate housing and office necessities and is organized by vertical transit towers, again publicly owned, which also incorporate play courts, kindergartens, emergency and construction services within their height. The volumes within the envelope defined by the transit towers and the foundation structure would be sold for housing and office development. Municipal authority, through the vehicle of volumetric zoning, would assure adequate horizontal routes, or "streets", through the high-rise envelope and these linear spaces could accommodate limited commercial and professional functions. (4) For the past century, architects have been investigating the seemingly endless potentialities of vertically extended housing environments. Among the most notable, Le Corbusier and Aalto have developed and tested prototypes which certainly are the equal of the subdivision plot in terms of amenity and safety. The important characteristic of the housing type proposed herein is not the specific configuration of the habitation but the orientation of the unit to both the great agricultural landscape extending beyond the limits of the community and the interior volume of the urban form.

The envelope of the container having been defined, albeit in an agonizingly vague manner, the nature of the floor of the volume can be investigated. Essentially, the major institutions of the community, both commercial and public, are accommodated by the interior of the great community space. Ranging inward and down from the upper levels of the circumferential service structure are spaces housing commercial, educational, cultural and governmental functions. Large portions of the floor of the center space are given over to activities of recreation, organized as well as individually inspired. In sum, the shared vitality of the community flourishes about the ordering form of the service structure and the floor of the great "city space". As such, this institutional expression of the community can be loosely structured and afford the opportunity for experiential

release from the order of the multi-storied envelope of the larger environmental form. The floor of the vast volume defining the limits of the community can be replete with spaces expressive of the wonder of discovery and the significance of intimate "place".

In large part, the rich multiplicity of the architecture at the floor of the community form is generated by releasing that environment from the necessary discipline of high speed traffic. Transport within the community, outside of the circumferential route, is by foot and small, low-speed electric carts which can be rented when necessary.

Situated within the environment of the interior of the component community is the last specific part of the form considered in this paper, and that is the institution which is the agent of the greater city. Although the larger urban form is interconnected by the transportational matrix, the cohesion of the greater whole is fashioned by dispersing the major cultural institutions of the city throughout the several component communities. Centers for the various performing arts, museums, the university and accommodations for large scale sporting events are all possibilities only realizable by the greater city. Contrary to American custom, these institutions will be decentralized and accommodated by the component communities thus bringing the reality of the city to life within the matrix through migration to event and, of specific interest to this paper, affording a greater degree of uniqueness to the individual urban centers.

Loosely drawn, perhaps in some ways too specific, the form of the component community is thus rendered. The constituent urban centers of the greater city are volumetric in concept, and, correspondingly, extroverted and introverted in both physical and experiential modes. In his daily life the citizen of the community ranges between the vast, rich vistas of the agricultural landscape and the shared vitality of the interior. It is within this cycle of experience that the citizen of the new city realizes the elemental constituents of his existence, significance and place. The community, in this sense, is the largest single environmental reality open to real cognition. In the third article of this series I shall attempt to show how, through this idea of urban form, the community dweller is transformed into a citizen of the greater city.

1. The idea of the city as a "superspace" has been given an interesting expression by Mitchell/Giurgola Associates in their project for the Tel Aviv-Yaffo Town Planning Competition. The January 1966 issue of Arts & Architecture contains an article by Thomas R. Vreeland analyzing the proposal at some length.
2. The service structure proposal outlined in this article is very similar to the well known "viaduct" architecture developed by Louis I. Kahn in his studies of the center city of Philadelphia.
3. An interesting book which describes various new forms of urban transit with particular emphasis on the development of the moving sidewalk has been recently published by the Reinhold Publishing Corporation. The name of the volume is *New Movement in Cities*, authored by Brian Richards.
4. The horizontal "street" as a component of high-rise development has been studied at some length by Alison and Peter Smithson. I would specifically refer the reader to the Smithsons' book, *Urban Structuring*, published by Reinhold in 1967.

the grinning graduate

Michael C. Schroeder

This report is a concerted effort to expose the architectural student's feelings on his education in basic conversational terms as they are passed on. I have not dissected the educational processes to wordy development in the socio-psychological vernacular. I have presented my classmates' and my personal opinions based on conceptual awareness of the processes and as a personal understanding of that total concept. Applied disintegration becomes a contemplative and disarming hang-up that we have all wormed through at one time and can happily toss aside to the 'word men' who thrive on their humanistic jargon.

For sake of prelude: we've got a changing complex profession and an educational process trying desperately to keep up and, at the same time, formulate in its finished product (the grinning graduate) a definition and direction. Practicing architects across the nation are concerned about the intrusion of the computer and performance design and facade-equipped engineers and builders into their precious domain. Architects are therefore searching for a workable theory of professionalism to cling to or new solid ground to stand on. Architectural education in its effort to provide the profession with qualified men is doing its share of leaping around for new solutions as well. In the last four years one third of the 61 accredited schools of architecture have installed new heads of department, 80% are making what they call significant changes in curricula and more than half of the schools have changed to the now popular six-year program. I, now in my fifth year at Iowa State have seen three quite different curriculums, a switch this fall to a six-year master of architecture program and a new head of the department, Mr. Raymond Reed, my freshman year.

Though change is imperative at today's pace, education seems to be instilling in its graduates a basic uncertainty through extreme changes in approach to the profession so seemingly ignorant of cause and effect. Exactly what our department's reasoning and motives are behind these radical changes and theories I am not sure. Only now are there tentative plans for an administration-faculty-student union in the form of an advisory board to explain these 'secondaries.' Direct administration-student dialogue is being post-humously planned for the fifth year class.

The first year class at Yale under the chairmanship of Charles W. Moore has accomplished just that. The

class of 30 was to design a small community center for a rural village in direct consultation with the newly organized New Zion Community Association and then go to New Zion in the spring and build it themselves. The final design was decided on through a competition among the six design teams in the class. A critical path method was developed to aid them in determining the construction schedule and the entire class built the community center (kitchen, toilets, shower, stairs, small meeting room, library, and a multipurpose room for meetings, dancing, and basketball) in about 25 days for \$4000. The educational experience was undoubtedly invaluable and it gave the students the real and concrete basis necessary for the next four years of more sophisticated design problems.

This can work at Iowa State. Iowa with its strong university system has realized the student's capabilities in decision-making and action and, pardoning triteness, their strong influence in today's world. The upcoming elections, if nothing else, have exemplified that fact.

But since this as yet has not been discussed, this problem of involvement is left to us, the students. In our limited experience we have built a philosophy and call it that of all man. We must expose ourselves to and sample people beyond our dependent morality, music, drama, sports, clubs and organizations, leisure, ANYTHING that will hinder the George Segal mold from setting. After working closely with the design-partner of a LaCrosse firm for two summers, I fully realize that in dealing with haggard librarians for a new building or with the pinching Common Council for parkways or with big business bureaucracy for low rent housing, it takes a well-rounded mind, a keen understanding of their clients' problems and loopholes, wild promises solidly based and perhaps a little kissing where it hurts. It is no easy task and we must do everything possible to prepare ourselves for the thunder to come while we still have the easily accessible academic environment to take full advantage of.

The academic pace is often a popular complaint as outside courses seem to demand special attention at most inconvenient times; yet this in itself is as it should be. In my summer work I have spent 'all-nighters' as in school putting those frantic last minute touches to the presentation for the morning meeting. Organization and planning are comprehensive and the decision-making

(Continued on page 26)



TRIBUTE TO A TULIP





TRIBUTE TO A TULIP

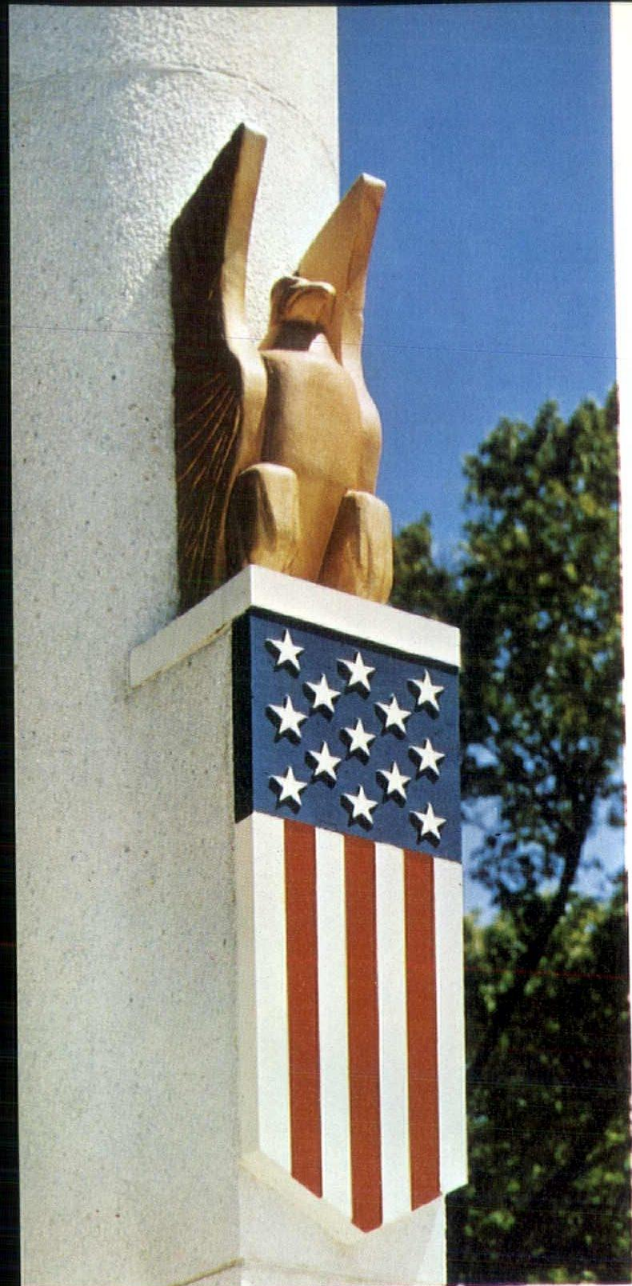
The Tulip Towers at Pella, Iowa, are truly a magnificent tribute to a tulip. Pella is an Iowa Dutch community that celebrates an annual spring festival at Tulip Time.

In 1941 the townspeople erected twin towers designed by John Lautenbach, an architect from New York City. The towers were made of plywood, and although planned for a single festival, were held over for two years and then torn down because of deterioration. At that time, Princess Juliana, now Queen of the Netherlands, visited the festival.

This Dutch community has long wanted to recreate the towers as a permanent symbol of their Tulip Festival. In 1968, the towers were completed, as a gift from P. H. Kuyper, Chairman of the board, Rolscreen Company, Pella, Iowa. The towers were based on the original Lautenbach design, from plans by Savage & Ver Ploeg, architects of West Des Moines, Iowa.

The elliptical towers are white quartz, exposed aggregate, precast units by Midwest Concrete. The large crests across the top and the eagles were precast in smooth gray concrete and painted by the local citizens in potent colors to emulate the original towers. The double faced crest was erected as a single unit and weighs about 25,000 pounds.

All concrete units were precast by Midwest Concrete Industries in their West Des Moines plant. Sculptured features were by Clair Weintz of Midwest Concrete Industries.



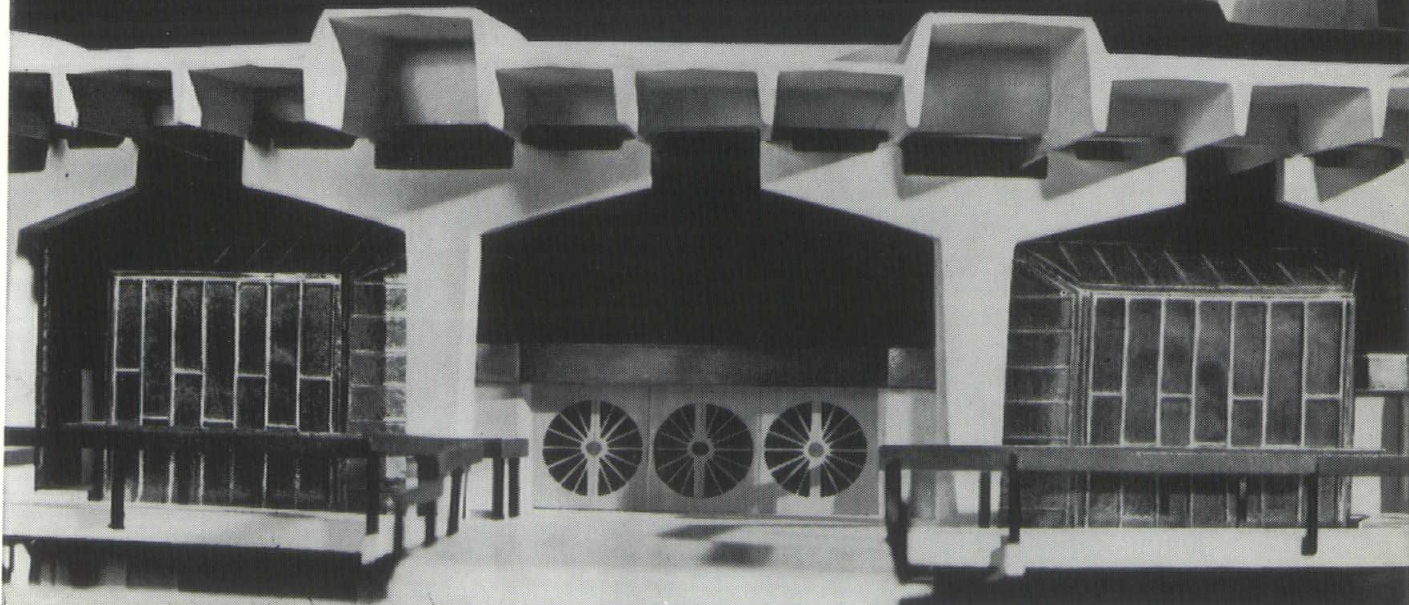
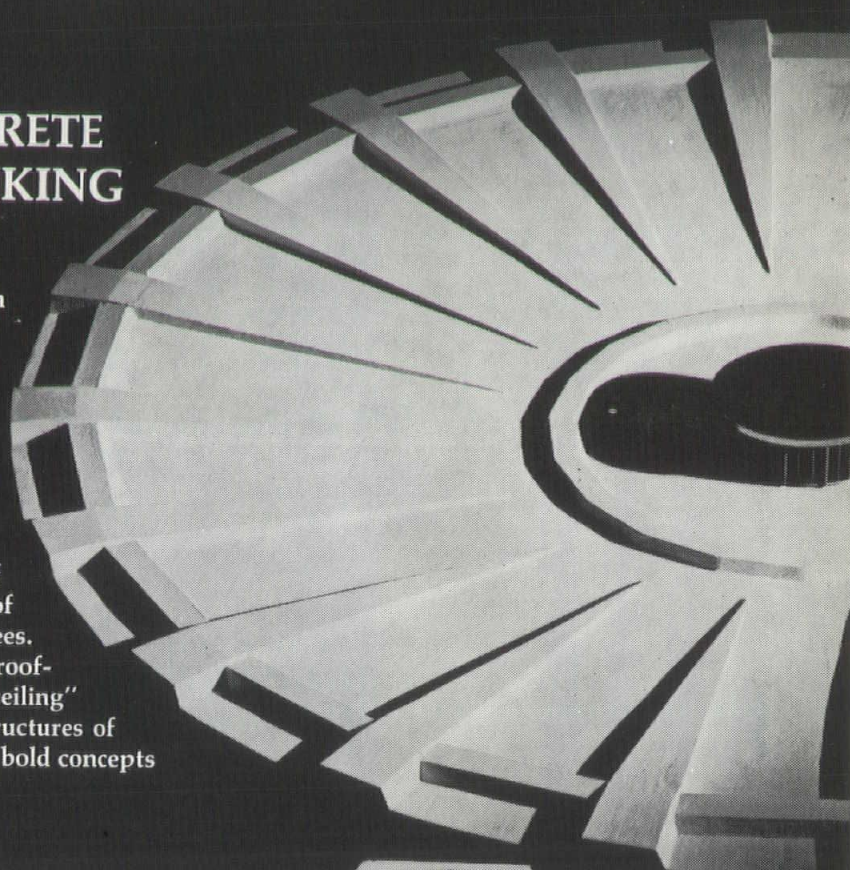
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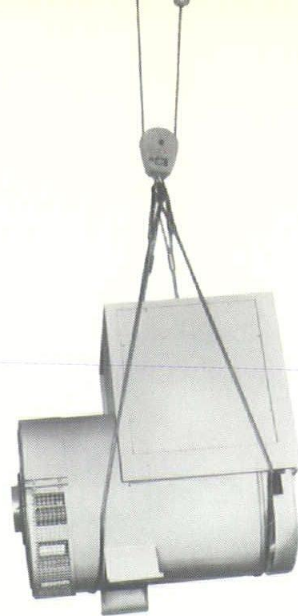
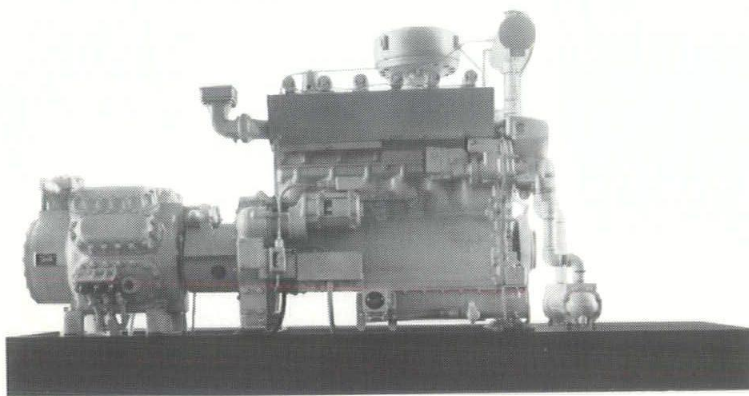
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(Continued from page 22)

techniques, relaxed, last minute, and on-the-spot, become the basic intellectual tools they must be.

There has always been condemnation of 'bullheaded, one-direction-only' instructors. Few students sacrifice grades for what they believe to be better solutions to their program requirements than what the instructor supplies as the guiding light. This becomes a terribly touchy subject and one I fear cannot be solved at this time. Non-compromising teachers can be weeded out but replacement in the teaching profession with its limited resources is absurd. On the other hand, to develop the wishy-washy student into the well-informed, self-assured, thinking individual is as much a dream. They can, however, be goals and hurdles to overcome, and problems to tolerate and grow on.

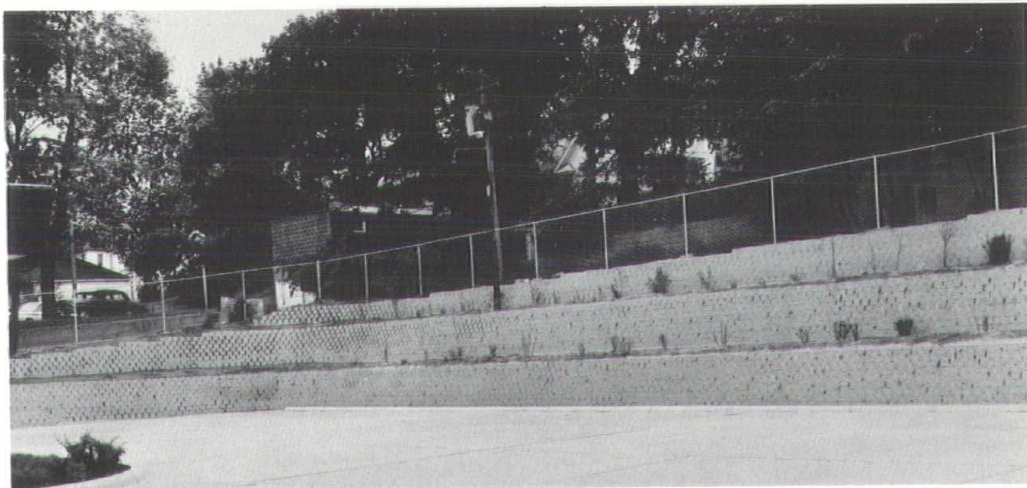
The case of the part-time instructor is inexcusable. It is strongly advantageous to employ the practicing architects in the department to keep the 'real' within reach. Though when outside office work must be done on the student's lab time for which he is paying, the student gets the short end. I have design class four full afternoons each week. My instructor is scheduled for the class only two of those days. Naturally, you don't want or need the instructor's criticism daily, but when you want that help the instructor should at least be available in the building during those class hours.

There is probably no way we can keep the professor from quitting his job and going off the world full time if that's what he wants to do. But while he's still a college employee, he should be required by trustee policy to do a certain amount of complete teaching each year.

On the other pole are the instructors enfolded by and thriving on the academic. They often urge blatant disregard of parameters such as program, codes and specs to allow total design clearance and development. One of our fourth year design projects this fall was a prototype pedestrian overpass in Interstate 74 in Bettendorf, Iowa—our current four-year conglomerate design concentration. A possibility for real application turned out to be just another display of personal statements. Highway Commission minimum clearances and setbacks were ignored if it hindered the development of your concept. Simply, if you needed more land for a spiral ramp you liked you took it as you were told, the Highway Commission or the state would just make the necessary changes to accommodate you and your design. Our jury was no less calotrophic. First of all, the jury was composed of faculty members only; no Highway Commission personnel were present. Secondly, what should have been a delivery of concrete, constructive criticism ended up in a fervent faculty argument on likes and dislikes leaving the student as the embarrassed spectator. What was at first a real problem for a real situation ended in the same wearied affairs of our god-like desire to mold the universe.

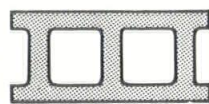
Mentioned thus far have been only slight exposes of personal opinion on the problems in architectural education, specifically at I.S.U., of direction, communication, coordination, reality, involvement, and frustration. Some may, in reality, not be so bad, others worse; they are student's thoughts. But there is readily available support for the existence of an educational process that is, disregarding perfection, far from the way it should be.

(Continued on page 28)



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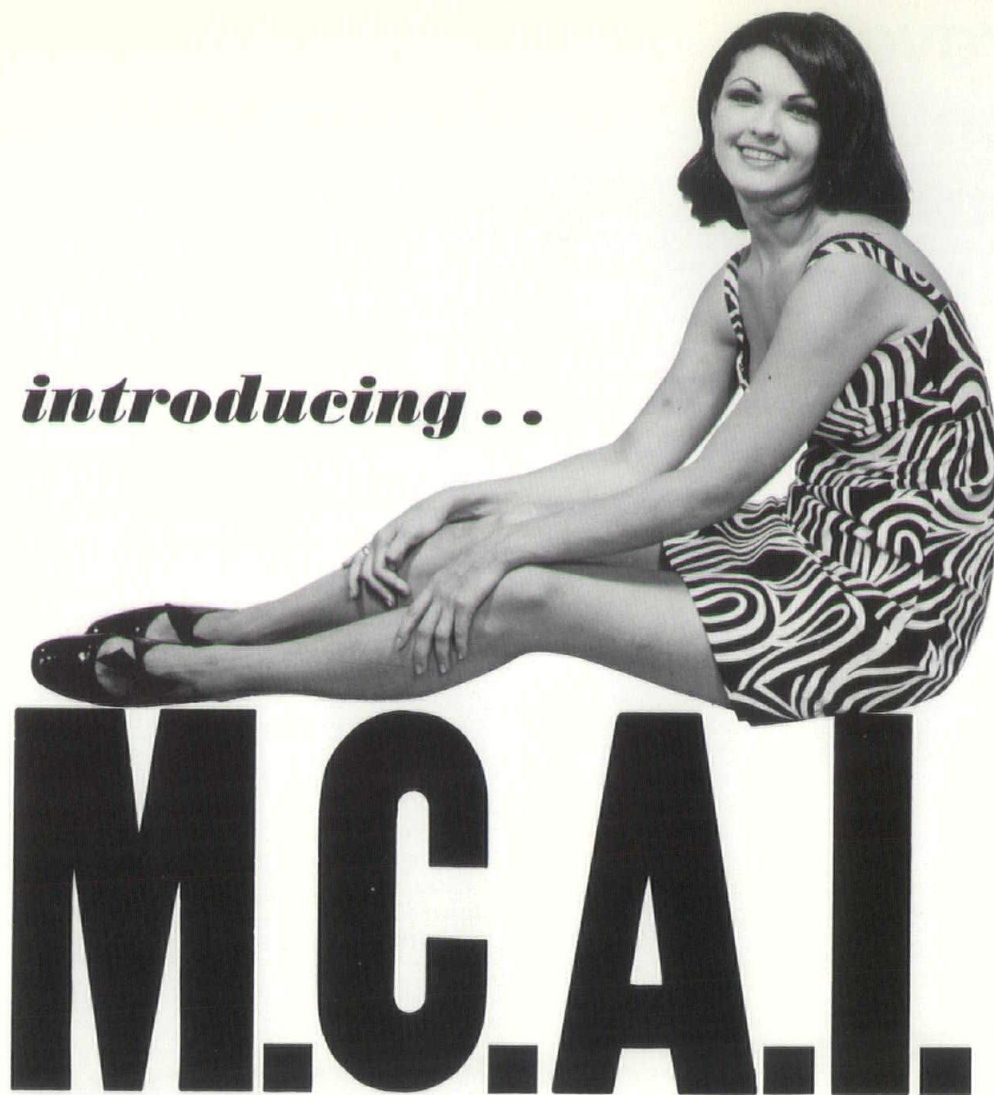
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(Continued from page 26)

The hard cold facts to face in the I.S.U. Department of Architecture is the overwhelming mortality rate—one of the highest on campus. The graduating class of 1969 is no more than 12% of the class which entered five years ago as freshmen.

You can blame in part the incoming freshman's nudity on the subject of architecture but the brunt of criticism must fall on the system. Hundreds of very talented people are being driven from architecture to business and the more humanistic sciences. Now with alternatives to the once totally designed-oriented education in the form of specialization into planning, structures, visual design and construction the problem still exists. The visual designer must be able to find maximum shearing stress on a hollow tumored gismo with a 2500# torque along with the structures man. Naturally the designer is going to switch to jewelry.

Architecture is so broad a field that one all-encompassing man to fulfill the many qualifications is a rarity. The function of tomorrow's architect will be to provide to the whole his services based on his own particular interests and abilities. The profession needs or will need graphics designers, social and natural scientists, programmers, researching theorists, industrialization specialists all trained within the basic shell of architecture. It can no longer be feasible to allow complete development of one's unique skills to take place in the working profession itself. It is both costly and inefficient. Education must satisfy these needs.

This self-examination could continue on forever; it will. It must to continue to provide the working profession with the best men our educational processes can produce. It is this constant re-evaluation and testing and modification all in the name of excellence that will keep architecture in a useful position in our world.

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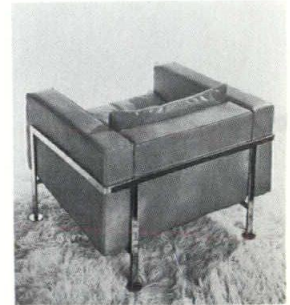
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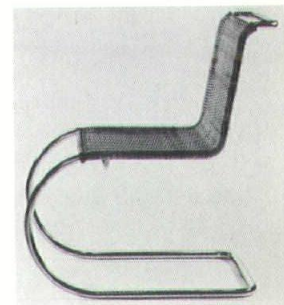
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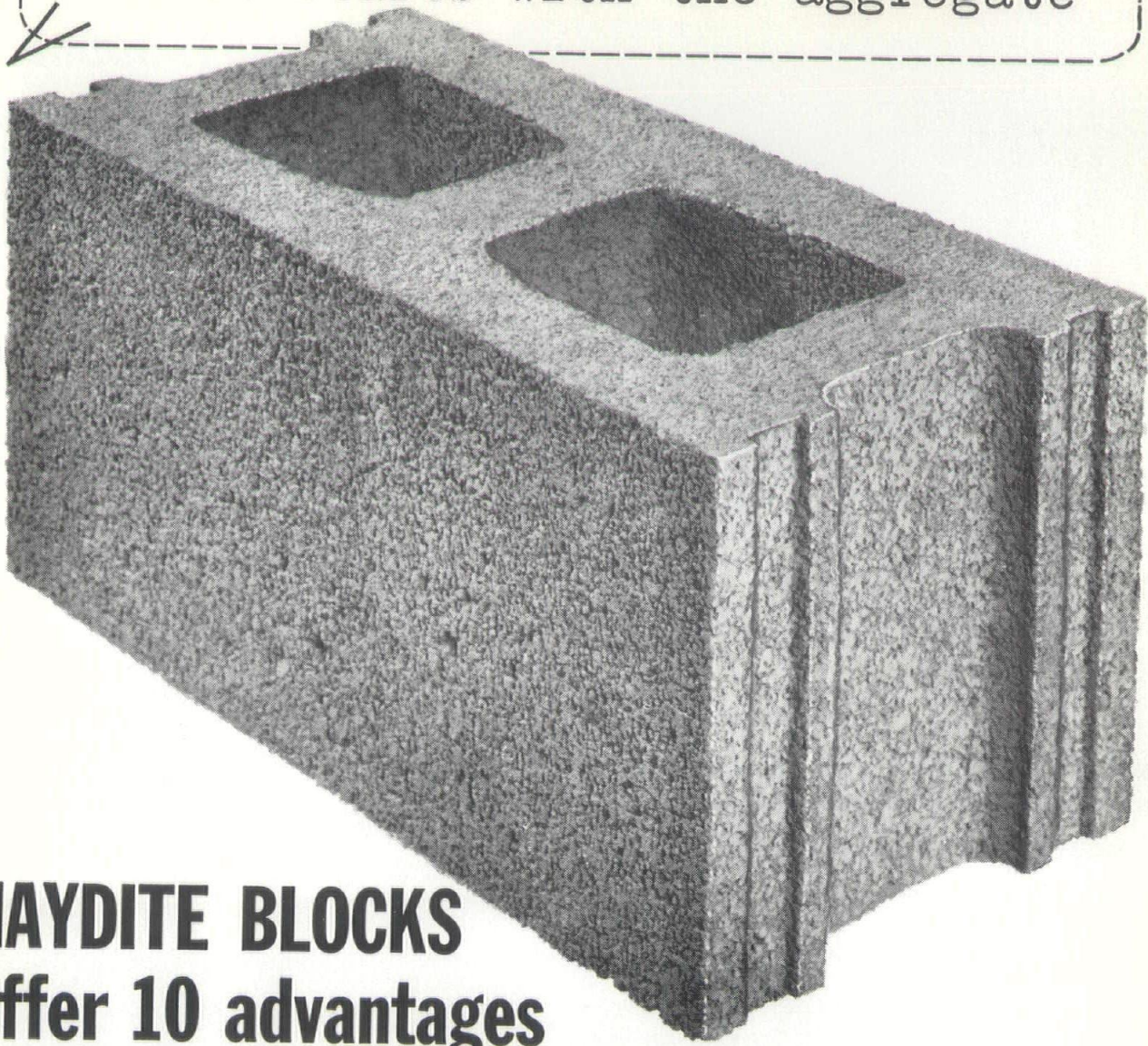
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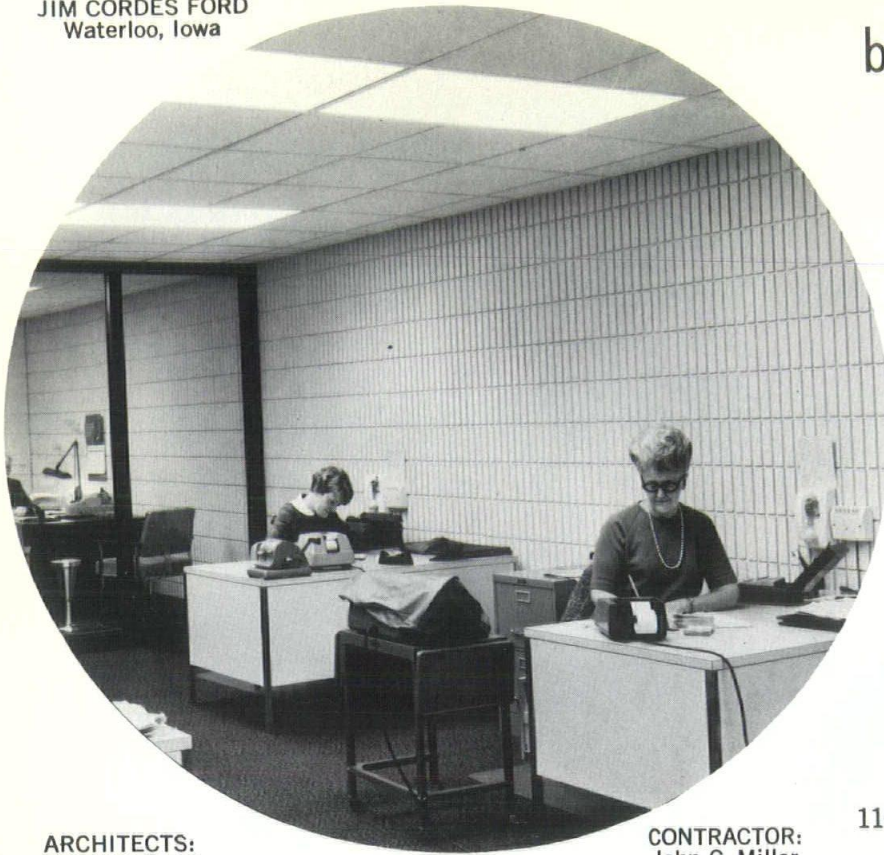
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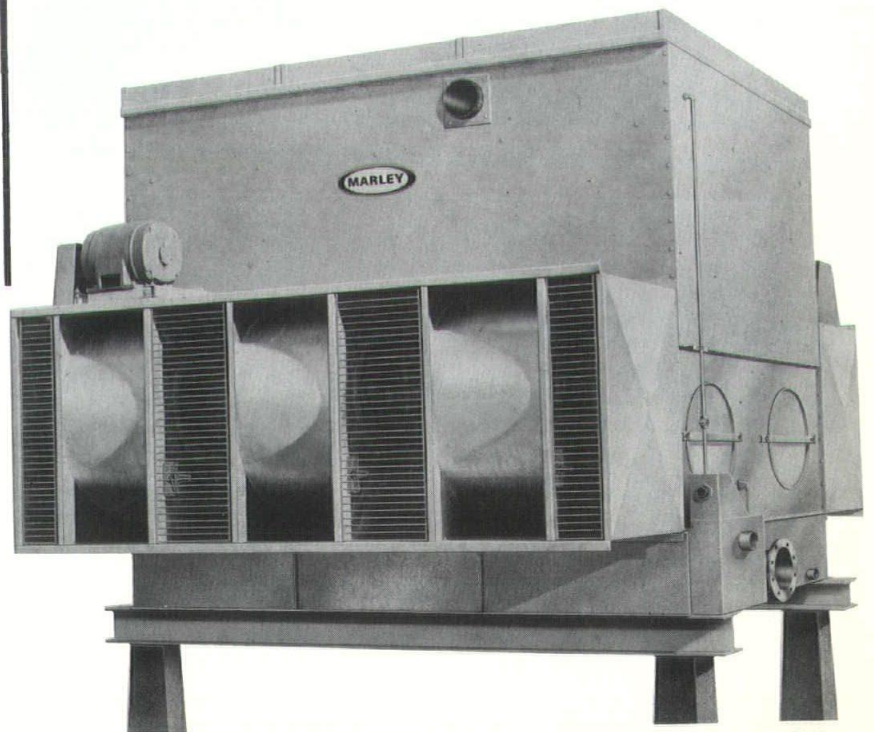
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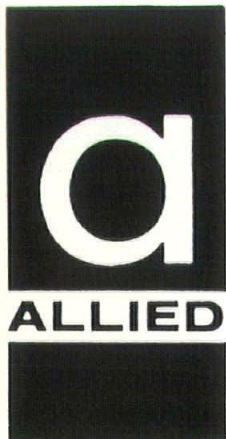
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Board of Control, State Institutions
Des Moines 50319 | |
| Artiaga, J. M. | C | Bloodgood, John D. | A | Burton, Arthur E. | PA |
| 3810 Ingersoll
Des Moines 50312
Griffith-Kendall | | 400 Hubbell Building
Des Moines 50309
John D. Bloodgood, Design | | RFD 3, Oakwood Road
Ames 50010
Department of Architecture
Iowa State University | |
| Atherton, Thomas J. | C | Blum, Carl R. | C | Bussard, H. Kennard | C |
| 2403 - 50th Street
Des Moines 50310
Karl Keffer Associates | | F & M Bank Building
Burlington 52601
Carl R. Blum, Architect | | 913 Bankers Trust Building
Des Moines 50309
Wilkins and Bussard | |
| Baltzer, Donald R. | A | Bock, Carl V. | A | Camizzi, Francis J. | C |
| 13 Melrose Place
Iowa City 52240
Hansen-Lind-Meyer | | 131 - 36th Street Drive S. E.
Cedar Rapids 52402
Brown, Healey and Bock | | 2515 Indiana Street S. W.
Cedar Rapids 52404
Francis John Camizzi | |
| Batrick, Dennis | A | Boggs, Thomas W. | A | Campbell, Royce | A |
| 4112 Welker Avenue
Des Moines 50312
Charles Herbert and Associates, Inc. | | 3404 Midway Drive
Waterloo 50701
Stenson and Warm, Inc. | | 2105 Parrish
Cedar Falls 50613
R. M. and M. B. Cleveland | |
| Belknap, Dale D. | A | Borg, Elmer H. | E | Carlson, Keith M. | A |
| 3633 - 48th Street Place
Des Moines 50310
Smith-Voorhees-Jensen
Architects Associated | | 1716 East 31 Court
Des Moines 50317
Brooks Borg and Skiles | | 2822 Neola
Cedar Falls 50613
Stenson and Warm, Inc. | |
| Bentley, James M. | C | Bossenberger, William H. | A | Carney, Leo A. | C |
| 321 West Kimberly Road
Davenport 52806
Louis C. Kingscott & Associates, Inc. | | 1323 Harding Avenue
Ames 50010
W. H. Bossenberger, Structural Engr. | | 500 Hubbell Building
Des Moines 50309
Wetherell, Harrison, Wagner,
McKlveen | |
| Benz, John D. | PA | Bouse, Jack L. | A | Carpino, Ralph | C |
| 116 South Linn
Iowa City 52240
Hansen-Lind-Meyer | | Sixth Floor, Dows Building
Cedar Rapids 52402
Moore & Bouse Consulting Engineers | | 200 Davidson Building
Des Moines 50309
Emery-Prall and Associates | |
| Berg, Ralph A. | A | Brewer, James E. | C | Carrithers, Ira T., Jr. | C |
| 2804 Neola
Cedar Falls 50613
Stenson and Warm, Inc. | | Department of Architecture
Iowa State University
Ames 50010 | | 6 North First Street
Council Bluffs 51501
I. T. Carrithers, Architect | |
| | | Brierly, Robert S. | C | Carson, Jack | A |
| | | 565 Ridge Road
Carlisle 50047
Carlisle/Brierly Associates | | 2323 Thornton Drive
Des Moines 50321
Jack Carson, Engineer | |
| | | Brom, Richard H. | C | Champion, James | PA |
| | | 219 Waterloo Building
Waterloo 50701
Thorson-Brom-Broshar | | 6513 Northeast 22nd Street
Ankeny 50021
James Lynch and Associates, Inc. | |
| | | Brooks, J. Woolson | FAIA | Champion, William D. | A |
| | | 815 Hubbell Building
Des Moines 50309
Brooks Borg and Skiles | | 1601 South Anderson
Urbana, Illinois 61801 | |

- Christensen, Kurt H.** A Southwest Maffitt Lake Drive
Cumming 50061
Smith-Voorhees-Jensen
Architects Associated
- Cleveland, Mortimer B.** E 424 East Fourth Street
Waterloo 50703
R. M. and M. B. Cleveland
- Cleveland, Rhodes M.** C 424 East Fourth Street
Waterloo 50703
R. M. and M. B. Cleveland
- Colvig, Kirk F.** PA 1507 Germania Drive
Des Moines 50311
Tinsley, Higgins, Lighter and Lyon
- Cook, James S.** A 1221 Savings and Loan Building
Des Moines 50309
Winkler-Goewey Architects
- Coon, Kenneth V.** A 911 - 40th Street
Des Moines 50312
Brooks Borg and Skiles
- Couch, Louis C.** C Plaza Building
Bettendorf 52722
Louis C. Couch, Architect
- Cox, G. B.** C 2415 - 18 Street
Bettendorf 52722
G. B. Cox, Architect
- Crites, Ray D.** C 1953 First Avenue S. E.
Cedar Rapids 52402
Crites and McConnell
- Day, H. Summerfield** C 203 Engineering Annex
Iowa State University
Ames 51101
- Dean, Waldo J.** C 202 Masonic Temple Building
Des Moines 50309
Karl Keffer Associates
- DeKovic, Charles W., Jr.** C 400 Lechner Building
Ames 50010
Architects Rudi and DeKovic
- DenHartog, Eugene E.** A 3817 Lanewood Drive
Des Moines 50311
Tinsley, Higgins, Lighter and Lyon
- DeVoe, Robert C.** C 311-B Main Street
Cedar Falls 50613
Robert C. DeVoe, Architects, Inc.
- Dicken, David M.** A 1844 "A" Avenue N. E.
Cedar Rapids 52402
Brown, Healey and Bock
- Dikis, William M.** A 12 Southwest 52nd Street
Des Moines 50312
Charles Herbert and Associates, Inc.
- Dougher, James A.** E 3839 Merle Hay Road
Des Moines 50310
Dougher-Frevert-Ramsey
- Drey, John E.** A 1905 - 75th Street
Des Moines 50322
Dougher-Frevert-Ramsey
- Duffy, James M.** C 630 Security Building
Sioux City 51101
James M. Duffy, Architect
- Earnhart, Robert E.** C P. O. Box 368
Iowa City 52240
Powers-Willis and Associates
- Eckman, Realand F.** PA 4543 Twin Pine Drive N. E.
Cedar Rapids 52402
Kohlmann-Eckman-Hukill
- Eldridge, Jack L.** A 2506 Delane
Waterloo 50701
Stenson and Warm, Inc.
- Emery, Amos B.** A 200 Davidson Building
Des Moines 50309
Emery-Prall and Associates
- Enzmann, Herbert K.** C 7071 Northwest 88th Place
Grimes 50111
Smith-Voorhees-Jensen
Architects Associated
- Faust, Thomas W.** C 1269 - 17th Street
West Des Moines 50265
James Lynch and Associates, Inc.
- Franzen, Archie W.** C P. O. Box 151
Harpers Ferry, West Virginia 25425
- Freitag, Maurice E.** C 6842 University Avenue
Des Moines 50311
Woodburn and O'Neil
- Frevert, W. David** C 904 - 17th Street
West Des Moines 50265
Dougher-Frevert-Ramsey
- Fudge, William B.** C 529 - 25th Street
West Des Moines 50265
Architects McMullin and Miller
- Galvin, John C.** A 121 West 12th Street
Spencer 51301
Keninger, Galvin and Associates
- Goewey, Richard W.** C 1221 Savings and Loan Building
Des Moines 50309
Winkler-Goewey Architects
- Gordon, Gene P.** A 1160 Arrowhead Drive
Dubuque 52001
Durrant-Deininger-Dommer-
Kramer-Gordon
- Gray, Donald L.** C 305 Fifth Avenue
Decorah 52101
Olson, Gray, Thompson and Lynnes
- Griffith, Bruce** A 500 - 25th Street
West Des Moines 50265
Savage and Ver Ploeg
- Griffith, Gerald I.** C 3810 Ingersoll
Des Moines 50312
Griffith-Kendall
- Griffith, Jarrett F.** C Security National Bank Building
Sioux City 51102
The Griffith Co.
- Griffith, Stanford W.** C P. O. Box 917
Fort Dodge 50501
The Griffith Co.
- Hack, David G.** A 122 Marine Street
Cedar Falls 50613
R. M. and M. B. Cleveland
- Hall, Harold C.** A 511 Iowa Avenue
Iowa City 52240
Shive-Hall-Hattery Eng. Serv.
- Hammond, Arthur E.** A 3525 - 62nd Street
Des Moines 50322
General Management Corp.
- Hansen, Richard F.** C 116 South Linn
Iowa City 52240
Hansen-Lind-Meyer
- Harmeyer, R. J.** A 2205 - 36th Street
Des Moines 50310
Woodburn and O'Neil
- Hartwich, Leonard B.** A 304 Melrose Court
Iowa City 52240
Shive-Hall-Hattery Eng. Ser.
- Harrison, Roland T.** E 500 Hubbell Building
Des Moines 50309
Wetherell, Harrison, Wagner-
McKlveen
- Haynes, Kenneth L.** C 708 - 16th Street, Apt. 2
Des Moines 50309
Brooks Borg and Skiles
- Healey, Edward H.** C 131 - 36th Street Drive S. E.
Cedar Rapids 52402
Brown, Healey and Bock
- Hecker, Robert D.** C 620 Frances Building
Sioux City 51101
Robert D. Hecker, Architect
- Heemstra, Howard C.** C 412 East Sixth Street, Apt. 7
Ames 50010
Department of Architecture
Iowa State University
- Henry, Harvey W.** C 1225 South Linn
Iowa City 52240
Harvey W. Henry, Architect
- Herbert, Charles E.** C 4906 Southwest 18th Street
Des Moines 50315
Charles Herbert and Associates, Inc.
- Higgins, Thomas G.** C 4817 Pleasant
Des Moines 50312
Tinsley, Higgins, Lighter and Lyon

- Horner, George L.** C
1422 East College Street
Iowa City 52240
State University of Iowa
- Hotchkiss, Walter A.** C
2615 Druid Hill Drive
Des Moines 50315
Savage and Ver Ploeg
- Howard, Lyle P.** C
209 Kresge Building
Ottumwa 52501
Lyle P. Howard, Architect
- Hueholt, Raymond L.** C
1040 Fifth Street
Des Moines 50314
Smith-Voorhees-Jensen
Architects Associated
- Hukill, William V., Jr.** C
1112 Norwood Drive S. E.
Cedar Rapids 52403
Kohlmann-Eckman-Hukill
- Huneke, Ervin C.** C
First National Bank Building
Fairfield 52556
Ervin C. Huneke, Architect & Eng.
- Hunt, D. Gordon** C
314 North Fourth
Burlington 52601
Dane D. Morgan and Associates
- Hunter, Carl J.** C
615 Bankers Trust Building
Des Moines 50309
John Stephens Rice, Architect
- Huntley, Jack C.** A
Route No. 2
Waterloo 57071
Stenson and Warm, Inc.
- Jamerson, Robert H.** C
2417 Main
Cedar Falls 50613
Johnson-Jamerson Associates
- Jensen, Myron E.** C
1040 Fifth Street
Des Moines 50314
Smith-Voorhees-Jensen
Architects Associated
- Johnson, Donald A.** A
3707 - 37th Street
Des Moines 50310
Smith-Voorhees-Jensen
Architects Associated
- Johnson, Robert L.** A
305 East "A" Street
Forest City 50436
Gjelten, Schellberg & Assoc., Inc.
- Johnson, Robert L. M.** C
709 Fifth Avenue South
Clinton 52732
Prout-Mugasis-Johnson
- Jordison, Richard R.** PA
2410 Friendship Street
Iowa City 52240
University of Iowa
- Jordan, Wesley D.** A
1040 Fifth Street
Des Moines 50314
Smith-Voorhees-Jensen
Architects Associated
- Kastner, Joseph E.** C
512 West 44th
Davenport 52806
Louis C. Kingscott and Associates
- Kendall, R. Kenneth** C
1602 Elder Lane
Des Moines 50315
Griffith-Kendall
- Keninger, Bernard J.** C
503 West Ninth Street
Spencer 51301
Keninger, Galvin and Associates
- King, Pierce E.** C
204½ East Second Street
Muscatine 52761
Pierce King, Architect
- Kinsey, Joseph E.** C
131 - 36th Street Drive S. E.
Cedar Rapids 52402
Brown, Healey and Bock
- Kirsch, Dwight** HA
1701 Casady Drive
Des Moines 50315
- Kocimski, Karol J.** C
Department of Architecture
Iowa State University
Ames 50010
- Kohlmann, Ellsworth F.** C
440 - 32nd Street S. E.
Cedar Rapids 52403
Kohlmann-Eckman-Hukill
- Kramer, Donovan D.** C
1150 Victoria
Dubuque 52001
Durrant-Deininger-Dommer-
Kramer-Gordon
- Kruse, Richard H.** A
5509 Westwood Drive
Des Moines 50312
James Lynch and Associates, Inc.
- Kuehn, Arthur C.** PA
Suite 200, 130 East Second Street
Davenport 52801
Charles Richardson and Associates
- Laffan, William J.** C
601 Brady Street
Davenport 52801
Stewart-Robison-Laffan, Architects
- Lamond, Charles O.** A
820 Circle Drive
Carlisle 50047
Federal Housing Administration
Seventh and Park, Des Moines
- Langohr, E. Lawrence** C
314 North Fourth
Burlington 52601
Dane D. Morgan and Associates
- Larson, Jerome W.** A
1067 - 47th Street
Des Moines 50311
Northwestern Bell Telephone Co.
- Lee, Robert M.** C
3103 - 38th Street
Sioux City 51108
Wm. L. Beuttler, Arch. and Assoc.
- Lighter, Clyde W.** A
333 - 45th Street
Des Moines 50312
Tinsley, Higgins, Lighter and Lyon
- Lind, John H.** C
116 South Linn
Iowa City 52240
Hansen-Lind-Meyer
- Lindgren, Arthur A.** C
4206 - 42nd Street
Des Moines 50310
Lindgren and Taylor
- Locke, John P.** C
1404 Watrous
Des Moines 50315
Charles Herbert and Associates, Inc.
- Luethje, Donald H.** PA
2420 East Columbia Avenue
Davenport 52803
Charles Richardson and Associates
- Lundblad, Glenn E.** C
410 Badgerow Building
Sioux City 51101
Smith-Voorhees-Jensen
Architects Associated
- Lynch, James A.** C
314 Savings and Loan Building
Des Moines 50309
James Lynch and Associates, Inc.
- Lynnes, Allan R.** C
100 Crescent Avenue
Decorah 52101
Olson, Gray, Thompson and Lynnes
- Lyon, R. Wayne** C
5830 Windsor Drive
Des Moines 50312
Tinsley, Higgins, Lighter and Lyon
- Magel, Kenneth D.** A
1707 Kenyon
Des Moines 50315
Smith-Voorhees-Jensen
Architects Associated
- Maiwurm, Donald J.** C
Second Floor, Warden Building
Fort Dodge 50501
Maiwurm-Wiegman
- Marasco, Robert F.** A
213 West Third
Muscatine 52761
Stanley Associates, Inc.
- Marquart, Gail E.** C
500 Hubbell Building
Des Moines 50309
Wetherell, Harrison, Wagner,
McKlveen
- Martin, William L.** C
821 - 15th Street
Boone 50036
William L. Martin, Architect
- Mathieu, Robert J.** A
3221 Elmwood Drive
Des Moines 50312
Brooks Borg and Skiles
- Matz, Reynold W., Jr.** A
1111 East 39th Street
Building 1, Apartment 207
Davenport 52807
Charles Richardson and Associates
- McConnell, Richard D.** C
1953 First Avenue S. E.
Cedar Rapids 52402
Crites and McConnell

- McGinn, Donald P.** C 865 Kirkwood
Dubuque 52001
Donald P. McGinn Associates
- McGinn, G. Richard** PA 704 Dows Building
Second Street and Second Ave. S. E.
Cedar Rapids 52401
Richard McGinn, Architect
- McIntosh, Robert D.** C 208 Security Bank Building
Sioux City 51101
- McKeown, Donald I.** C 326 Hickory Drive
Ames 50010
Department of Architecture
Iowa State University
- McKlveen, John H.** C 500 Hubbell Building
Des Moines 50309
Wetherell, Harrison, Wagner,
McKlveen
- McLennan, Donald M.** E 1117 - 33rd Street S. E.
Cedar Rapids 52403
- McMullin, Richard N.** C 807 - 31st Street
Des Moines 50312
Architects McMullin and Miller
- Meehan, William R.** C 2215 Grand Avenue
Des Moines 50312
William R. Meehan, Architect
- Metcalf, Rick E.** A 1040 Fifth Street
Des Moines 50314
Smith-Voorhees-Jensen
Architects Associated
- Meyer, Carl D., Jr.** C 116 South Linn
Iowa City 52240
Hansen-Lind-Meyer
- Miller, Alfred H.** C 127 Tonawanda Drive
Des Moines 50312
Architects McMullin and Miller
- Miller, Richard J.** PA 1122 Rockdale Road
Dubuque 52001
Durrant-Deininger-Dommer-
Kramer-Gordon
- Moore, Larry R.** A 131 - 36th Street Drive S. E.
Cedar Rapids 52402
Brown, Healey and Bock
- Morgan, Dane D.** C 314 North Fourth
Burlington 52601
Dane D. Morgan and Associates
- Mugasis, Alexander P.** C 709 Fifth Avenue South
Clinton 52732
Prout-Mugasis-Johnson
- Munzenmaier, Edward W.** A 1201 Oak Park
Des Moines 50313
Savage and Ver Ploeg
- Nasr, Raymond A.** A B31 Carol Ann Apartment
12th Avenue
Coralville 52240
Hansen-Lind-Meyer
- Nederhoff, Dale A.** PA 1122 Rockdale Road
Dubuque 52001
Durrant-Deininger-Dommer-
Kramer-Gordon
- Neumann, Roy C.** C 2709 Mulberry
Muscatine 52761
Stanley Associates, Inc.
- Normile, John** C 420 Hubbell Building
Des Moines 50309
John Normile, Architect
- Olson, Clarence L.** C Plaza Building
Bettendorf 52722
Louis C. Couch, Architect
- Olson, Eugene A.** C 14th and Nebraska Streets
Sioux City 51105
William L. Beuttler and Associates
- Olson, Roger M.** C 701 Center Avenue
Decorah 52101
Olson, Gray, Thompson and Lynnes
- O'Neil, Eugene C.** C 201 Jewett Building
Des Moines 50309
Woodburn and O'Neil
- Osborn, William L.** A 4725 Candlelight Drive
Davenport 52086
Soenke and Wayland, Architects
- Overton, Charles T.** A 2615 Terrace Road
Des Moines 50312
Brooks, Borg and Skiles
- Parks, Russell** C 5321 Shriver
Des Moines 50312
Charles Herbert and Associates, Inc.
- Patten, Lawton M.** C Department of Architecture
Iowa State University
Ames 50010
- Payne, Harold L.** C 5215 Ovid Avenue
Des Moines 50310
James Lynch and Associates, Inc.
- Paxton, James A.** PA 3931 Lincoln Place Drive
Des Moines 50312
Karl Keffer Associates
- Peiffer, Leo C.** C 3330 Mt. Vernon Road S. E.
Cedar Rapids 52403
Leo C. Peiffer, Architect
- Peterson, Carlyle W.** A 5615 Hickman Road
Des Moines 50310
Peterson and Appell Engineers
- Peterson, George M.** PA 3135 - 40th Street Place
Des Moines 50310
Woodburn and O'Neil
- Petre, George M.** A 3912 Brinkwood Road
Des Moines 50310
William R. Meehan
- Pfiffner, John F.** PA 416 Owen Street N. W.
Cedar Rapids 52405
Kohlmann-Eckman-Hukill
- Phillips, Raymond E.** A 703 Southwest McKinley
Des Moines 50315
Brooks Borg and Skiles
- Polujan, Romuald K.** A 1400 Second Avenue S. E.
Cedar Rapids 52403
Crites and McConnell
- Porter, Robert L.** C 2416 Iowa Street
Cedar Falls 50613
University of Northern Iowa
- Porter, Thomas C.** C 707 Insurance Exchange Building
Des Moines 50309
Porter/Brierly Associates
- Prall, N. Clifford** C 200 Davidson Building
Des Moines 50309
Emery-Prall and Associates
- Prescott, Russel J.** A 126½ West Main
Marshalltown 50158
Russell J. Prescott, Architect
- Prusiner, Lawrence A.** C 6523 Ridge Circle
Cincinnati, Ohio 45213
- Pulley, Frank L.** A 512 Securities Building
Des Moines 50309
Consulting Engineer
- Quebe, Jerry L.** A 116 South Linn
Iowa City 52240
Hansen-Lind-Meyer
- Ralston, Donald E., Jr.** A 1612 Market Street
Burlington 52601
Antennacraft Co.
- Ramsey, W. Robert** C 3916 Brinkwood Road
Des Moines 50310
Dougher-Frevert-Ramsey
- Batcliffe, John R.** C 2100 - 30th Street
Des Moines 50310
Brooks Borg and Skiles
- Reed, Raymond** C Department of Architecture
Iowa State University
Ames 50010
- Reilly, Thomas P.** C 1953 First Avenue S. E.
Cedar Rapids 52402
Crites and McConnell
- Rice, John S.** C 615 Bankers Trust Building
Des Moines 50309
John Stephens Rice, Architect

- Richardson, Charles V.** C
Suite 200, 130 East Second Street
Davenport 52801
Charles Richardson and Associates
- Rieniets, James H.** C
1341 Harold Drive S. E.
Cedar Rapids 52403
James H. Rieniets, Architect
- Rietz, Paul W.** A
420 - 16th Street
Ames 50010
William H. Bossenberger, Structural
Engineer
- Ritts, Charles L.** C
2323 - 48th Street
Des Moines 50310
Tinsley, Higgins, Lighter and Lyon
- Robison, Douglas** C
601 Brady Street
Davenport 52801
Stewart-Robison-Laffan, Architects
- Rudi, Norman H.** C
400 Lechner Building
Ames 50010
Architects Rudi and DeKovic
- Russell, George** C
3810 Ingersoll
Des Moines 50312
Griffith-Kendall
- Salisbury, Allen B.** C
1040 Fifth Street
Des Moines 50314
Smith-Voorhees-Jensen
Architects Associated
- Sandercock, James R.** PA
921 Summer Street
Burlington 52601
Smith Sherman and Associates
- Sauer, Edward G.** A
c/o Dr. Robert L. Sauer
Box 311
Marengo 52301
- Savage, Robert E.** C
1200 Grand
West Des Moines 50265
Savage and Ver Ploeg
- Schellberg, Willis E.** C
315 Park Street
Forest City 50436
Gjelten, Schellberg & Assoc., Inc.
- Schilling, Ralph R.** A
309 Empire Building
Des Moines 50309
Stevenson-Flanagan-Schilling
- Schmitt, Walter J.** A
2336 - 23rd Street S. W.
Mason City 50401
Bergland and Bianco
- Shane, Herbert T.** C
200 Terrace Road
Des Moines 50312
Tinsley, Higgins, Lighter and Lyon
- Shirk, Keith E.** A
6201 Dagle Drive
Des Moines 50311
Tinsley, Higgins, Lighter and Lyon
- Shivvers, Melvin** A
219 Waterloo Building
Waterloo 50701
Thorson-Brom-Broshar
- Shuck, Terry** A
321 Tonawanda Drive
Des Moines 50312
Structural Engineer
- Silletto, Charles B.** C
3401 Southwest 14th Street
Des Moines
Woodburn and O'Neil
- Skiles, Paul S.** C
815 Hubbell Building
Des Moines 50309
Brooks Borg and Skiles
- Skinner, Sammy L.** PA
1734 - 18th Street
Bettendorf 52722
Stewart-Robison-Laffan, Architects
- Slater, Bernard J.** PA
601 Hayward
Ames 50010
Department of Architecture
Iowa State University
- Smith, Dighton H.** C
1040 Fifth Street
Des Moines 50314
Smith-Voorhees-Jensen
Architects Associated
- Snedden, Donald E.** A
2400 Fairlawn Drive
West Des Moines 50265
Savage and Ver Ploeg
- Snyder, Wayne J.** C
806 Clay Street
Cedar Falls 50613
Thorson-Brom-Broshar
- Soenke, Louis G.** C
601 Brady Street
Davenport 52801
Soenke and Wayland, Architects
- Soliday, David N.** PA
2616 Terrace Road
Des Moines 50312
Smith-Voorhees-Jensen
Architects Associated
- Spooner, George** E
9380 East Center Avenue
Apartment 11-C, Building 65
Denver, Colorado 80222
- Stark, William E., Jr.** A
1040 Fifth Street
Des Moines 50314
Smith-Voorhees-Jensen
Architects Associated
- Steffen, Kenneth J.** C
217 West Fifth Street
Ottumwa 52501
Steffen and Stoltz
- Stenson, Marvin L.** C
3404 Midway Drive
Waterloo 50701
Stenson and Warm, Inc.
- Stevens, Wayne T.** C
P. O. Box 591
Rock Rapids 51246
DeWild, Grant, Reckert & Associates
- Stevenson, Daniel B.** A
309 Empire Building
Des Moines 50309
Stevenson-Flanagan-Schilling
- Stewart, Earl** C
2004 Dunlop Court
Iowa City 52240
- Stewart, Harold J.** C
4210 Rodeo Road
Davenport 52806
Stewart-Robison-Laffan, Architects
- Stoltz, Stephen** C
125½ East Second Street
Ottumwa 52501
Steffen and Stoltz
- Stone, Herbert M.** C
1923 Washington Avenue
Cedar Rapids
Brown, Healey and Bock
- Stone, Robert B.** A
1524 Robeson Avenue
Bettendorf 52722
Charles Richardson and Associates
- Stone, Vernon F.** C
1511 Carroll Avenue
Ames 50010
Department of Architecture
Iowa State University
- Stouffer, Scott** C
4069 Kingman Blvd.
Des Moines 50311
Charles Herbert & Associates, Inc.
- Sundquist, Herbert E.** A
730 South 12th
Clinton 52732
Prout-Mugasis-Johnson
- Swanson, Byrl E.** A
4422 State Street, Lot 69
Bettendorf 52722
Louis C. Kingscott and Associates
- Taylor, William A.** C
2308 - 48th Street
Des Moines 50310
Lindgren and Taylor
- Teisinger, Ronald L.** A
3404 Midway Drive
Waterloo 50701
Stenson and Warm, Inc.
- Thompson, Jack D.** C
110 Crescent Avenue
Decorah 52101
Olson, Gray, Thompson and Lynnes
- Thorson, Oswald H.** FAIA
219 Waterloo Building
Waterloo 50701
Thorson-Brom-Broshar
- Tinsley, Vernon F.** E
13861 Barbados Drive
Largo, Florida 33540
- Tollefson, Nicholas** A
113 Candlewick Road
Waterloo
Thorson-Brom-Broshar
- Utterback, Richard A.** C
2821 - 34th Street
Des Moines 50310
Richard A. Utterback, Architect
- VanderLinden, Charles Jr.** A
2904 - 34th Street
Des Moines 50310
VanderLinden and Dennis
- VandeVenter, Robert L.** PA
928 - 13th Street
West Des Moines 50265
Savage and Ver Ploeg
- Ver Ploeg, Stanley C.** C
1200 Grand
West Des Moines 50265
Savage and Ver Ploeg
- Ver Steeg, Carl** C
1044 - 37th Street
Des Moines 50311
Savage and Ver Ploeg
- Voorhees, Grant W.** C
1040 Fifth Street
Des Moines 50314
Smith-Voorhees-Jensen
Architects Associated

Waggoner, Thomas M. 15 South Federal Avenue Mason City 50401 Waggoner and Waggoner	C	Wayland, Lloyd E. 1720 Harmony Court Bettendorf 52722 Soenke and Wayland, Architects	C	Whitmer, Wayne M. 1826 Eighth Avenue S. W. Cedar Rapids 52404 Brown, Healey and Bock	A
Wagner, William J. 500 Hubbell Building Des Moines 50309 Wetherell, Harrison, Wagner, McKlveen	FAIA	Weber, Delano B. 14½ West Main Street Marshalltown 50158 Cervetti-Weber Associates	PA	Wiegman, John H. Second Floor, Warden Building Fort Dodge 50501 Maiwurm-Wiegman	C
Walden, Brock A. 311-B Main Street Cedar Falls 50613 Robert C. DeVoe Architects, Inc.	PA	Wehner, Roland C. 201 Dey Building, Iowa Avenue Iowa City 52240 Wehner and Associates, Architects	C	Wilkins, James W. 913 Bankers Trust Building Des Moines 50309 Wilkins and Bussard, Architects	C
Walker, H. Ronald 1514 - 48th Street Des Moines 50311 Charles Herbert and Associates, Inc.	A	Werner, Marvin E. 2010 Circle Drive Muscatine 52761 Stanley Associates, Inc.	C	Winkler, Karl J. 1221 Savings and Loan Building Des Moines 50309 Winkler-Goewey Architects	C
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MEMBER FIRMS

Architect Berger and Associates
910 - 38th Street
Des Moines, Iowa 50312
515-279-6457

Bergland and Bianco
11½ South Federal Avenue
Mason City, Iowa 50401
515-423-7513

Carl R. Blum Architect
F & M Bank Building
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815 Hubbell Building
Des Moines, Iowa 50309
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319-365-9426

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Higley Building
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319-364-4204

I. T. Carrithers, Architect
6 North First Street
Council Bluffs, Iowa 51501
712-328-3121

Cervetti-Weber Associates
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Marshalltown, Iowa 50158
515-752-3930

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319-232-5801

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Plaza Building
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G. B. Cox, Architect
2415 - 18th Street
Bettendorf, Iowa 52722
319-355-1856

Architects Crites and McConnell
1953 First Avenue S. E.
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Dougher-Frevert-Ramsey
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630 Security Building
Sioux City, Iowa 51101
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**Durrant-Deiningen-Dommer-
Kramer-Gordon**
1122 Rockdale Road
Dubuque, Iowa 52001
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200 Davidson Building
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1308 Pierce
Sioux City, Iowa 51102
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**Gjeltten, Schellberg and
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The Griffith Company
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South Kenyon Road
Fort Dodge, Iowa 50501
515-576-0361

The Griffith Company
Security Nat'l Bank Building
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712-252-4376

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Iowa City, Iowa 52240
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515-472-2169

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202 Masonic Temple Building
Des Moines, Iowa 50309
515-288-4821

Keninger, Galvin and Associates
410 Grand Avenue
Box 467, Spencer, Iowa 51301
712-262-4492

Pierce King, Architect
204½ East Second Street
Muscatine, Iowa 52761
319-263-0264

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321 West Kimberly
Davenport, Iowa 52806
319-391-1860

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Cedar Rapids, Iowa 52403
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Des Moines, Iowa 50322
515-276-7762

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William L. Martin, Architect
821 - 15th Street
Boone, Iowa 50036
515-432-4628

Donald P. McGinn Associates
865 Kirkwood
Dubuque, Iowa 52001
319-588-0312

Richard McGinn, Architect
704 Dows Building
Second Street and Second Ave. S. E.
Cedar Rapids, Iowa 52401
319-364-1966

Robert D. McIntosh
208 Security Bank Building
Sioux City, Iowa 51101
712-252-4411

Architects McMullin and Miller
3311 Ingersoll Avenue
Des Moines, Iowa 50312
515-277-6309

William R. Meehan, Architect
2215 Grand Avenue
Des Moines, Iowa 50312
515-243-2254

Dane D. Morgan and Associates
314 North Fourth
Burlington, Iowa 52601
319-754-5701

John Normile, Architect
420 Hubbell Building
Des Moines, Iowa 50309
515-244-5882

**Olson, Gray, Thompson and
Lynnes, Architects**
126½ West Water Street
Decorah, Iowa 52101
319-382-4205

Leo C. Peiffer, Architect
3330 Mt. Vernon Road S. E.
Cedar Rapids, Iowa 52403
319-366-1801

Porter-Brierly Associates
707 Insurance Exchange Building
Des Moines, Iowa 50309
515-243-4480

Powers-Willis and Associates
P. O. Box 368
Iowa City, Iowa 52240
319-338-7878

Russell J. Prescott, Architect
126½ West Main Street
Marshalltown, Iowa 50158
515-752-5893

Prout-Mugasis-Johnson
709 Fifth Avenue South
Clinton, Iowa 52732
319-243-3620

John Stephens Rice, Architect
615 Bankers Trust Building
Des Moines, Iowa 50309
515-283-2748

Charles Richardson & Associates
Suite 200, 130 East Second Street
Davenport, Iowa 52801
319-323-1891

Architect James H. Rienets
803 Merchants Nat'l Bank Bldg.
Cedar Rapids, Iowa 52402
319-366-6249

Architects Rudi and DeKovic
400 Lechner Building
Ames, Iowa 50010
515-232-5600

Savage and Ver Ploeg
1200 Grand
West Des Moines, Iowa 50265
515-255-3109

**Smith-Voorhees-Jensen
Architects Associated**
1040 Fifth Street
Des Moines, Iowa 50314
515-288-6765

**Smith-Voorhees-Jensen
Architects Associated**
410 Badgerow Building
Sioux City, Iowa 51101
712-252-4463

Soenke and Wayland, Architects
601 Brady Street
Davenport, Iowa 52801
319-326-4511

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Stanley Building
Muscatine, Iowa 52761
319-263-9494

Steffen and Stoltz
125½ East Second Street
Ottumwa, Iowa 52501
515-684-4629

**Stewart-Robison-Laffan,
Architects**
121 Priester Building
601 Brady Street
Davenport, Iowa 52801
319-362-2505

**Thorson-Brom-Broshar
Associates, Inc.**
219 Waterloo Building
Waterloo, Iowa 50701
319-233-8419

Tinsley, Higgins, Lighter & Lyon
826 Liberty Building
Des Moines, Iowa 50309
515-244-2205

Stenson and Warm, Inc.
3404 Midway Drive
Waterloo, Iowa 50701
319-233-7094

Richard A. Utterback, Architect
11th Floor, Central National Building
Des Moines, Iowa 50309
515-288-5850

Waggoner and Waggoner
15 South Federal Avenue
Mason City, Iowa 50401
515-423-4165

**Wehner and Associates,
Architects**
201 Dey Building, Iowa Avenue
Iowa City, Iowa 52240
319-337-4223

**Wetherell, Harrison, Wagner,
McKlveen, Architects**
500 Hubbell Building
Des Moines, Iowa 50309
515-288-0241

Raymond C. Whitaker, Architect
1202 Adams Street
Davenport, Iowa 52803
319-322-7829

Wilkins & Bussard, Architects
913 Bankers Trust Building
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515-288-7974

Winkler-Goewey, Architects
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Woodburn and O'Neil
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Project: Tenth Street Bldg, Addition #1, Northwestern Bell Telephone Co., Des Moines, Iowa.

■ **Contractor:** The Weitz Co. ■ **Architect and Engineer:** Tinsley, Higgins, Lighter & Lyon ■ **Ready-Mix Haydite Concrete:** J. C. White Concrete Co. ■ **Lightweight Haydite Concrete used:** Exterior frame fireproofing, and 2½" fill over sub-floor.

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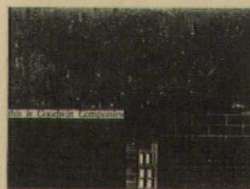
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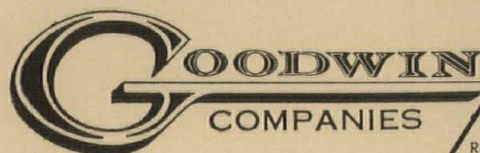
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