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Traditionally, financial institutions have been thought of as temples devoted to money and conservative advice. Reflecting that idea architects were asked by their clients to create bank and savings and loan buildings that reflected solidarity, tradition, and awe. Forms frequently were inspired by Greek and Roman temples with an occasional touch of Egyptian injected for good measure.

Since World War II a new image for these institutions has been created; one of friendliness, assistance, and hospitality still coupled with sound business advice and a concern for the community. The architect privileged to serve such clients has helped in establishing the banking industry's new image through the use of intelligent, thoughtful, and sometimes provocative design.

Part of this new image revolves around doing business in an automobile. Many of the examples of bank and savings and loan buildings on the following pages are classified as drive-in or drive-up facilities and in some instances do not provide all of the services of the parent institutions.

On the following pages, selected by the editors, appear recent representative works of Iowa architects in this one field of endeavor.
denver savings bank
Denver, Iowa
Robert C. Devoe

morningside state bank
Sioux City, Iowa
James M. Duffy
first federal
savings & loan association

cedar falls, iowa

robert c. devoe
bankers trust company
merle hay office
des moines, iowa
giffith-kendall
mutual federal savings & loan association
mason city, iowa
waggoner and waggoner
first national bank
ottumwa, iowa
steffen and stoltz

east dubuque savings bank
east dubuque, illinois
donald p. mcginn associates
first national bank
Davenport, Iowa
stewart-robison-laffan, architects
iowa savings bank
coon rapids, iowa
brooks borg and skiles

drive up teller
bookkeeping
lounge
tellers
lobby
board room
office
loan officers
vault
office
office
office
office
office
marshalltown
savings & loan association
marshalltown, iowa

smith-voorhees-jensen, architects associated
iowa des moines national bank

savage and ver ploeg
palo alto county
state bank
emmetsburg, iowa
charles herbert and associates
capital city
state bank addition

des moines, iowa

charles herbert and associates
university
bank & trust company
ames, iowa

james lynch and associates
What part should man’s presence play in architectural space? Is he often purely an observer and sometimes even an intruder in today’s architecture? Since the late nineteenth century the mainstream of architecture seems either to be preoccupied with the technology of building or with the creation of three dimensional visual art. Thus we find this period in its crescendo with concrete brutalism which combines the expression of structural form with the beauty of the abstract. Spaces such as Paul Rudolph’s Yale Arts and Architecture Building, Architects Collaborative’s Harvard Medical Library and I. M. Pei School of Journalism at Syracuse are good examples of this concept. In these buildings it seems to me man becomes a viewer of, rather than a participant in, the space created, and because of this alienation often feels uneasy and unrelated to it.

In contrast to this concept of creation of space as form centered, would it not be better to think of it as space centered. It was Lao-tze who said: “Thirty spokes are made one by holes in a hub, by vacancies joining them for a wheel’s use; the use of clay in molding pitchers comes from the hollow of its absence; doors, windows, in a house, are used for their emptiness; thus we are helped by what is not, to use what is.” The “not” then becomes prime—not as a void or even as a static space but as a dynamic space—a place. If this is true then we must find our center not just in space but in the people in it. It is when we see this concept I believe we view a new direction—the whole man and his involvement.

Marshall McLuhan who has done a great deal to sensitize us to the new age makes this clear when he pictures us as thinking of space primarily in terms of the visual when we are being thrust into a new age of space that is acoustic, horizonless, boundless, olfactory. We move from a space defined only by walls to one defined possibly only by action, thus as a freedom march or any other group acting in concert constitutes a space. This opens up a new field of thought dedicated to design of a man-centered arena.

We have moved partially in the direction of this “non-linear” type of architecture with some buildings such as the Samuel F. B. Morse dormitories at Yale and Habitat in Montreal. These show evidence of a “cool” space theory which allows the inhabitant to feel that he is a participant in the creation of the space much in the same manner as a listener to the music of Schoenberg, Ives or Cage or a viewer of realist cinema.

While moving in this direction visually in these buildings, there has been a noticeable tendency to disregard the non-visual environment, and man finds himself unconsciously irritated by the lack of consideration of his other sensual feelings. Habitat is a good example of this. Although the total visual concept is excellent,
SLEEP . . .

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individual residents must feel uneasy in the space created. The thought of approaching his apartment over the bleak ramparts in Montreal's seven months of inclement weather shows a lack of understanding for the inhabitant. The acoustical environment in the interior and the total lack of textural change of the exterior give the project a complete sense of austerity. Other buildings such as our modern air terminals are also good examples of this. In them we are regimented into rows facing each other in a volume of space that is completely bewildering and accosted by a constant bombardment of noise, both casual and deliberate, so that the time between flights becomes not tranquil but traumatic.

In contrast Fuller's U. S. Pavilion at Expo used technology to an advantage, providing us with a total experience. The German Pavilion also treats us with the same involving experience. In both buildings we could hardly have imagined them without seeing a pageant of people as an integral part of them. Although the pavilions certainly served a different function, each of these building types must achieve a sense of relationship to the realism of its purpose.

The new direction then lies not in a new scintillating visual form of architecture but in the development of an environment centered in the total man. To do this we must start by studying the actions of man in the space to be created. We must study the sociological forces that relate people to one another in the space. If it is a housing development, we must know how to create a neighborhood. Physiologically we must set the environment that best suits the action. If it is a school, the thermal, light and acoustical treatment must be of a nature to encourage learning. We must also study the psychological forces that affect the design criteria. If a high-rise office building, do we understand the problem of vertigo as it relates to floor-to-ceiling glass.

When we can understand these environmental responses of contemporary man and use them effectively, then we can develop architecture that becomes not just the stage setting for the action but the total drama itself.
Free-floating integrated ceiling from ALLIED fits architect’s plan and stays within budget

This free-floating integrated ceiling from ALLIED was expressly built to the architect’s design at United Community High School, located between Ames and Boone. Bid as an alternative to a conventional ceiling and lighting system, ALLIED’S suggested integrated installation provided components necessary for design flexibility, yet kept costs well within the budget. The 39” x 39” grid system is of modular Fiberglas textured ceiling board. Special 1’ x 8’ Lok 1201 troffers were used. Light level is in the 80 to 90 ft.-candle range. ALLIED welcomes the opportunity to discuss your next project.
...the difference in concrete blocks starts with the aggregate

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ATTRACTION—a pleasing texture and natural gray color suitable for many applications without further treatment.

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knows no location limitations

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This low-silhouette tower for intermediate-capacity water cooling is based on a new principle of operation. The fan and air intake are located beneath the cooling cells and air is discharged vertically. Hence, without any sacrifice of performance, UNDERFLOW can be placed immediately adjacent to walled structures that would obstruct air and discharge in any other type of tower. See your Marley Engineer today.

UNDERFLOW TOWERS are protected by U.S. Patents granted.
The City of Winnipeg, Manitoba, Canada, recently held a competition for the design of an art gallery. A team composed of Tadeus M. Janowski, currently on the staff of Iowa State University, and Gustavo Da Roza, architect practicing in Winnipeg, won the competition. The site was triangular in shape which led the architects to a triangular plan as their solution. The jury felt it to be the most successful triangular building they had ever seen. It has been described as a giant "ax cutting the prevailing northern winds". It is located on a main axis of downtown Winnipeg and is adjacent to the Capitol Building for the Province of Manitoba. The building contains two large galleries, a sculpture gallery, an auditorium, roof and street level outside galleries, an art school with studios for painting, sculpture, and ceramics, and meeting rooms for committees, offices for the administration of the museum and a penthouse with coffee shop facilities. It is to be built of reinforced concrete and a stone native to Manitoba. The team of architects received a $10,000 prize for their design and also the commission for the $4,000,000 structure.

The building is of particular interest to Iowa because Professor Janowski has been a member of Iowa State University's Department of Architecture staff for more than a year. Mr. Janowski was born in Poland and graduated from the University in Cracow with a second Master's Degree from the University of Illinois. He has been the architect for a number of projects in Poland and Russia before emigrating from his native Poland to Canada and the United States. He has won prizes or honorable mention in 36 national or international competitions, among them the F. D. R. Memorial Monument in Washington, D.C., and the Olympic Stadium in Banff, Canada. Members of the Iowa Chapter of the American Institute of Architects are pleased that the students at Iowa State have the opportunity to study with a man of such obvious skill in delineation and design. We congratulate Professor Janowski on his achievement in Winnipeg.
A PART OF YOUR GENIUS

may be in your persistence toward perfection.
Let’s talk brick.

Brick is foundation. Brick is structure. Brick is Beauty. For your next building, you will choose the brick carefully for its quality and aesthetic appeal. Your CARE in this selection will be part of your genius. We hope you recognize the consistent high quality of Vincent brick and tile. Our care in quality control and the wide selection of beautiful face brick is a part of our success.

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We feel that the following quotations from “Showdown for Non-Violence” an article by the late Dr. Martin Luther King Jr. which appeared in Look magazine just before his untimely and unnecessary death have particular meaning to those in our profession:

“White America has allowed itself to be indifferent to race prejudice and economic denial. It has treated them as superficial blemishes but now awakes to the horrifying reality of a potentially fatal disease. The urban outbreaks are ‘a fire bell in the night’ elamously warning that the seams of our entire social order are weakening under strains of neglect.

“The American people are infected with racism—that is the peril. Paradoxically they are also infected with democratic ideals—that is the hope. While doing wrong they have the potential to do right. But they do not have a millennium to make changes. Nor have they a choice of continuing in the old way. The future they are asked to inaugurate is not so unpalatable that it justifies the evils that beset the nation. To end poverty, to extirpate prejudice, to free a tormented conscience, to make a tomorrow of justice, fair play and creativity—all these are worthy of the American ideal....”

“Our whole campaign...will center on the job question, with other demands, like housing, that are closely tied to it. We feel that much more building of housing for low-income people should be done. On the educational front, the ghetto schools are in bad shape in terms of quality and we feel that a program

(Continued on page 28)
Modern masonry is reaching new heights with loadbearing concrete block

*THE HIGH RISE*
newest concept in concrete masonry construction

Today concrete block possesses more comprehensive strength than ever before—yet still provides more wall area for less material and labor costs. This, combined with the wide variety of shapes, sizes, colors and textures, helps to elevate the most creative designs, the most demanding load-bearing requirements, to new highs.

Concrete block is coming up in the world—and fast. These loadbearing walls of scored 8" x 8" x 16" block were completed at a rate of one story per week over a four month period, enabling the owner to open for the summer season. Note how transverse wall system provides the amenity of balcony privacy. Integral scoring treatment in the modular unit evinces a more attractive wall network of 8" squares. The loadbearing walls support concrete floor slabs that were precast at the site.

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Iowa City, Iowa
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Iowa Falls, Iowa
who is herman miller

Herman Miller is a pioneer.
herman miller is charles eames.
and the shell chair.
and the aluminum chair.
herman miller is george nelson.
and the comprehensive storage system.
and the action office.
how bright is a color.
how dark is light.
how light is texture.
herman miller is the color of light and dark.
herman miller is alexander girard.
herman miller is a researcher.
and an innovator.
herman miller works nights
studying the environment
for learning (how much does
an 18-year-old move when
he is sitting still).
for living (where does one
store material that should
not be hidden in closets).
for working (how much information
is retained after it is out of sight).
in iowa herman miller is
koch brothers
325 grand avenue
des moines 50308
they know who herman miller is.

(Continued from page 26)
should be developed to spend at
least a thousand dollars per pupil.
Often, they are so far behind that
they need more and special attention,
the best quality education that can
be given." . . ."
". . . We will place the problems
of the poor at the seat of government
of the wealthiest nation in the history
of mankind. If that power refuses to
acknowledge its debt to the poor, it
will have failed to live up to its
promise to insure "life, liberty and
the pursuit of happiness" to its citi-
zens.
If this society fails, I fear that we
will learn very shortly that racism is
a sickness unto death."
What will you do?

THE URBAN CRISIS TO BE
EXPLORED IN DEPTH AT
ARCHITECTS' CONVENTION

The urban crisis and the architect's
role in helping solve it will be dis-
cussed in sessions on MAN/ARCHI-
TECTURE/NATURE at the 1968
convention of The American Insti-
tute of Architects, June 23-26. Key-
note speakers for the June 24 session
on "MAN" in Portland, Oregon, are
Whitney M. Young, Jr., Executive
Director of the National Urban
League, and Gene C. Brewer, Chair-
man of the Board of the National
Forest Products Association and
President of U. S. Plywood-Champ-
pion Papers, Inc. Donald Canty,
Editor of Urban America's City maga-
zine, will be discussion leader.

Under Mr. Young, the Urban
League has been in the forefront of
the civil rights movement. It has
broadened its approach and services,
and launched new programs aimed
at providing equal opportunity for
Negroes in employment, education,
housing, health, and welfare. Mr.
Brewer has been active in the forest
products industry since 1937, when
he went to work on the production
line at U.S. Plywood Corp. By 1959,
he had worked his way up to the
presidency. He continued to hold
that title, when in 1967, the firm be-
came U.S. Plywood-Champion Pap-
ers, Inc. He has always been active
in both business-related and civic
affairs.

Miss Barbara Ward, interna-
tionally known author, editor and eco-
nomic interpreter, will present the
Purves Memorial lecture entitled
"Hope for an Urbanizing World" to
the conventioners.

Regarded as one of the most in-
fluent writers in England, Miss
Ward was formerly Foreign Affairs
Editor of "The Economist" of Lon-
don. Her most recent book is "The
Rich Nations and the Poor Nations".
In private life, Miss Ward is Lady
Jackson, wife of Sir Robert Jackson,
senior consultant to the United
Nations Development Program. For
a number of years, she has been a
visiting lecturer and research asso-
ciate at Harvard University and a
Carnegie Fellow.

FIRE MARSHAL'S COMMITTEE
REVISING SCHOOL SAFETY
REGULATIONS

For some years fire safety regula-
tions in schools and colleges have
been in effect a matter of one-man
law, some of which has been good
and some of which has been bad.
The State Fire Marshal, Wilbur
Johnson, is holding a series of meet-
ings to bring fire safety regulations
for schools and colleges into line
with reality so far as safety is
concerned. Present and working on
this Committee are representatives
of the Board of Regents and the De-
partment of Public Instruction, build-
ing inspectors, school superinten-
dents, the State Fire Marshal's office,
and several architects. These archi-
teers are Herbert K. Enzmann of Des
Moines, James M. Bentley of Daven-
port, Donovan D. Kramer of Dubu-
que, N. Clifford Pratt of Des
Moines, and Richard R. Jordison of
Iowa City.

While the regulations as decided
upon will eventually be published, it
goes without saying these discussions
are of interest to all architects who
provide service to schools, and the
architect members of this advisory
committee would welcome sugges-
tions and comments.
The mobile classroom is one of
the problems being discussed because
frequently there are not two means
of exit as required, and furnace
rooms are sometimes not sufficiently
fire-resistive and are often included
in the classrooms.

Architect members of the Com-
mittee are working to get some uni-
formity established in regulations,
and to determine whether the NFPA
Regulations, the Uniform Building
Code 1967 Regulations, or the Fire
Marshal's regulations are paramount
in case of conflict.

Perhaps the most important con-
clusion to be drawn is the need for
a State Building Code.
New Culligan industrial Aqua-Sensor provides unlimited soft water, saves up to 36% on salt! Other automatic water softeners are recharged at pre-set times. But because industrial water usage varies, recharging can be too soon or too late. New Aqua-Sensor keeps pace with your water demands—never lets you run out of soft water, yet never recharges needlessly.

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How Aqua-Sensor Works. There are two sensors located at the bottom of the ion-exchange resin bed. When hard water reaches the upper sensor, the lower sensor is still immersed in softened water. The sensors electronically detect the difference and signal the solid-state controller. At the proper time, unit automatically recharges.

Duplex units. Available for outright purchase, or lease with option to buy. For your convenience, your Culligan Man offers automatic salt delivery service. All in all, the Aqua-Sensible thing to do is call and say—

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Efficiency of operation called for large, unobstructed production areas. Pretensioned "tees" met this need with clear spans of 40 to 80 feet and cantilevers up to 20 feet. The few interior supports and walls required are cast-in-place concrete.

Here again, concrete provided not only maximum economy and fast construction, but an aesthetically pleasing structure. Low maintenance costs and the high hygienic standards required in a dairy operation also influenced the selection of concrete for this plant.

Whatever the building, it can be built better with concrete.
Suntile
COLOR-BALANCED . . . Color-balanced Suntile ranges from warm and bright colors to cool and darker hues. These colors make it possible to achieve visual effects suited to personalities, regional and geographical localities and general or specific purposes of the installation.

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Wunda Weve carpets are born tough!

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Jack Crosley, Designer  Don Donahay, Manager

Wunda Weve took extra pains to create commercial carpets with everything an institution needs. They’re here. And they’re tough!

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Get tough! Get Wunda Weve!

and foodstuffs that spot and spill in cafeterias, hospitals, clubs... everywhere.

So dish it out. Wunda Weve commercial carpets are made to take it—the scuffle and shuffle of school children. The pounding of heavy traffic. Mud, snow, sand—you name it.

Put the colors to the test. Wunda Weve’s fashion-rich colors were created to last! The carpet born tough, that’s Wunda Weve. Tough and big—up to 12’ wide—to eliminate seams, to look better and wear better. Little wonder the extra-strong, extra-thick pile and jute or high-density foam backing promise less wrinkling, shedding, balding or restretching.

Get tough! Get Wunda Weve!

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Iowa Paint produces a wide selection of quality primers. Each is designed to provide tough, long-lasting, low cost protection. Each is specially formulated for adhesion to a specific type of metal surface.

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Adobe-crete the block with a bulging waistline!

This ad appeared when Marquart introduced Adobe-crete to this area two years ago. Now, by popular demand, we are manufacturing this unit in 7\%" x 3\%" x 15\%" size in addition to the 3\%" x 3\%" x 15\%" size.

MARQUART CONCRETE BLOCK COMPANY
110 Dunham Place Phone 233-8421 Waterloo, Iowa

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- Load Tables
- Details on Standard Precast Concrete Products.

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Stoux City
Washington
or complete freedom of design—combine YOUR imagination with our PERL-TILE. Specify precast ERL-TILE concrete roof deck and you'll enjoy an unlimited range in designing roofs for all types of buildings. On sloped surfaces, roofing materials of metal, asphalt, wood, or clay can be nailed directly to PERL-TILE to provide a strong, permanent, fire-rated deck. Add NAILABILITY to the following list of outstanding PERL-TILE features and you'll see why so many architects agree... "You can do more things, in more ways, with PERL-TILE".

- **FIREPROOF**
  Underwriters' Laboratories, Inc. have tested Peri-Tile and have awarded Peri-Tile a two hour rating. (See U.L. RC5.)

- **INSULATES**
  Thermal Conductivity Testing shows Peri-Tile decks have a "U" value of .195.

- **STRONG**
  Peri-Tile will support a minimum superimposed load of 200 lbs. per sq. ft.

- **WORKABLE**
  Ordinary hand tools are used by the electrical and mechanical trades.

- **LIGHTWEIGHT**
  Peri-Tile weighs less than 1/3 the weight of conventional concrete—only 10 lb. per sq. ft.

- **ACOUSTICS**
  Peri-Tile will absorb up to 75% of incident sound. Porous textured ceiling surface with a Noise Reduction Coefficient (N.R.C.) of .75.

**NAILABILITY**

Manufactured by

PERL-TILE COMPANY
660 - 19TH AVENUE N. E.
MINNEAPOLIS, MINNESOTA 55418
Avoid Costly Losses With . . . 
Caterpillar Stand-By Power

A Cat Electric Set offers the utmost in dependability — the most critical factor in a power outage when costly manufacturing losses or even lives are at stake. The diesel unit can automatically start and assume the total required load within five seconds!

Caterpillar Engines are designed to use fuel burned in steam boilers, eliminating the need for premium fuel or special storage tanks. Rugged reliability is a proven trademark of Cat products.

At Boone County Hospital,* Boone, Iowa, continuous generation of critical electricity has been insured. When a recent addition was constructed, a 250 KW, Cat D343 turbocharged and aftercooled electric set was installed. Now, not only the emergency power requirements can be handled, but a large portion of the balance of the load as well.

*FRANK PULLEY ASSOCIATES
Mechanical Engineer
WOODBURN AND O'NEIL
Architects

FRANK PULLEY ASSOCIATES
Mechanical Engineer
WOODBURN AND O'NEIL
Architects

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GIBBS-COOK EQUIPMENT CO.
DES MOINES, FORT DODGE, MASON CITY, POSTVILLE
MISSOURI VALLEY MACHINERY CO.
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we'd like to draw attention to the fact that we pre-cast mighty fine concrete panels!
Ottumwa's Ivory Cameo Face brick are in close harmony colors. The blends are subtle and vary in hue in equal gradients on the color scale with saturation and lightness or brightness uniform — the only variable is the hue.

These light, soft colors blend exceptionally well and are adapted for both exterior and interior use. Further, because of the lightness of the colors and low saturation, the designer has flexibility in choosing other colors to include in his design.

Ivory Cameo's are available in textures: a pleasing matt and the velour or wirecut face; colors: light, light range and medium range; size: regular modular or Norman.

<table>
<thead>
<tr>
<th>THE COLORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ivory</td>
</tr>
<tr>
<td>91 Shade</td>
</tr>
<tr>
<td>82 Shade</td>
</tr>
<tr>
<td>73 Shade</td>
</tr>
<tr>
<td>Ivory-White</td>
</tr>
<tr>
<td>a light Beige, Natural, Sandtone Flaxen</td>
</tr>
<tr>
<td>Chalk Beige, Golden Blond, Pale Pecan</td>
</tr>
<tr>
<td>Light Warm Tan, Light Sandalwood, Light Rose Beige</td>
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</tbody>
</table>

When one sees a wall built with the full range, you might think of some of the following colors: Ivory White, Bone Ivory, Sand Tone, Chalk Beige, Light Rose Beige, Light Sandalwood, Beach Tan, Golden Blonde, Sahara, Light Warm Beige, Natural, Champagne, Straw, Pale Pecan, Bleached Beech.