STRUCTURAL FACING TILE has many advantages and there is a variety of types and qualities to suit most budget requirements.

The complete lines of both glazed and unglazed tile available from Goodwin Companies allows the architect to utilize these advantages and select from many types and colors such as tan, buff and red (in both smooth and textured faces) as well as Ceramaglaze in Blush Grey.

All of these units are made in our own plants. A call or letter will bring complete information.
Q. What’s the tightest-bonding and fastest-drying primer for things like these?

A. “GALVA-BOND”, the new base coat that bites into metals and never lets go!

- **GALVA-BOND ANCHORS TO ALL THESE METALS:**
  Galvanized — Aluminum — Magnesium — White Metal — Tin Plate — Terne Plate — Zinc — Copper — Brass — Steel. It is the perfect base coat for unpainted downspouts, flashings, gutters, metal roofs, metal farm buildings, silos, pipes and metal surfaces in industrial plants.

- **GALVA-BOND ETCHES AND PRIMES IN A SINGLE COAT!**
  Prior to its quickly drying to a tough, hard film, Galva-Bond imparts a deep-etch chemical pre-treatment to the metal on which it has been applied. This 'bite-in' action assures secure anchoring and provides maximum stability for subsequent coatings.

- **GALVA-BOND CAN SAVE YOU UP TO TWO DAYS TIME!**
  This new, highly-perfected priming material can be re-coated after only two hours drying time. Compare this with the 36 to 48 hours which most other satisfactory metal primers require. Available only in white. Can be brushed or sprayed. Thins with shellac alcohol.

**Retain this page for your material reference files.**

Please contact us if further information is desired. No obligation, of course.

IOWA PAINT MANUFACTURING CO., INC.
General Offices, 118 Eighth St., Des Moines, Ia., Phone AT 3-1501
NOW! ONE FIRM OFFERS ALL TYPES OF INTERNAL COMMUNICATIONS SYSTEMS

PAGING • LOUD SPEAKER • INTERNAL TELEPHONE • BACKGROUND MUSIC • INTERCOM

for business, industry, institutions, clinics

Whatever your internal communications problem, Central Sound Systems is ideally equipped to offer both counsel and to furnish the finest product lines in the country.

Top specialized engineering talent is yours for the asking on a consultant basis with architects or company management. A call or letter will bring complete information.

CENTRAL SOUND SYSTEMS
CONTENTS

OFFICERS
Raymond Bergquist
Dubuque
President

Robert Savage
West Des Moines
Vice-President

Richard Goewey
Des Moines
Secretary

John McKeeen
Des Moines
Treasurer

PUBLICATIONS COMMITTEE
James A. Lynch
Chairman

Thomas Waggoner
Rich Goewey

EDITOR
Harold J. Bullington
202 Masonic Temple Bldg.
Des Moines 9, Iowa

MANAGING EDITOR
Robert F. Bonomi
422 Securities Bldg.
Des Moines 9, Iowa
ATlantic 2-4309

"... a building code preferred" .................................... 6

the pot's boiling.......................................................... 7

Committee Appointments 1961-62.................................... 10

Calendar ........................................................................ 11

Directory of Firms.......................................................... 13

Iowa Members, A.I.A......................................................... 14

Associate Members......................................................... 24

Junior Associate Members............................................. 28

Personal & Professional................................................ 32

THE COVER
Among new buildings gracing the college campus in Iowa is this Library for Loras College designed by Durrant & Bergquist of Dubuque.
... a building code preferred

The Iowa Fire Marshal has issued the 1961 Fire Safety Regulations for Schools and Colleges. The Iowa Chapter, A.I.A., at its annual convention expressed a unanimous conviction that the state should have a Building Code which would cover all the areas of public safety, for which responsibility is now divided at least among the Fire Marshal, the Department of Public Safety, the Health Department, and, to some degree, the Department of Public Instruction. Each department has the power to create, administrate and interpret the regulations which affect its "Sphere of Authority."

Representatives of the Iowa Chapter worked wholeheartedly with a committee which studied and reviewed the Fire Safety Regulations before they were adopted. The State Fire Marshal and his staff are to be commended for recognizing the need for regulations and for extending their efforts to correct present and future hazards.

The Iowa Chapter, A.I.A., felt that it could not recommend adoption of the new rules and regulations, despite the good intentions of the issuing authority. The "bottleneck" to approval lies in the department's authority to create, administer and interpret its own regulations; another "road block" is the shadow of multiple regulation by three or more governmental agencies each operating independently of the others.

The State, in the years 1947 to 1951, spent funds for a building code study and a reasonable code was presented to the Legislature in 1949, 1951 and 1953 without success. Perhaps it is time that the Legislature revive this study for construction safety rules which would exempt agricultural structures, and those in incorporated places which have a building code adopted by ordinance.

Our knowledge and experience of over 25 years in the Floor and Wall Covering Field is at your service. Call on us for solution of your problem jobs.

- Laytex Underlayments
- Asphalt Underlayments
- Vinyl Asbestos & Asphalt
- Homogeneous Vinyl
- Rubber and Cork Tiles
- Bolta-Wall Vinyl Wall Coverings
- Rubber Wall Coverings

RALPH N. SMITH, Inc.
Des Moines, Iowa
1339 2nd Ave. AT 8-6741
The Pot's Boiling

Honor Awards, Student Liaison, Curriculum Revision, Office Practice Seminar, Iowa Movie, 1962 Convention

An Iowa Honor Awards program for architectural design, closer relationship with the Student Chapter, A.I.A., and a pair of "Retread" sessions on office practice and design were immediately in the picture following the Iowa Chapter's 1961 convention.

Raymond Bergquist of Dubuque, the 1960 vice-president, became the 1961 president, and Robert Savage of West Des Moines was elected vice-president. Richard Goewey and John McKlveen of Des Moines were re-elected secretary and treasurer respectively. W. D. Frevert and N. C. Prall of Des Moines were named to the executive committee with E. H. Healey of Cedar Rapids.

The 1961 Awards Banquet drew 421 persons to the Hotel Savery—the largest attendance ever at an Iowa A.I.A. function, and nearly 50 more than attended the 1960 event.

Presentation of Distinguished Craftsmen Awards to four craftsmen and four construction superintendents was one climax of the evening. The thought-provoking discussion by Dean Charles Colbert of Columbia University was a highlight of mental exercise.

One craftsmanship award this year was presented posthumously. Reen Petersen, a master carpenter employed in the firm of Reen Petersen and Son, Alta, died after the selections were made. His son, Mervin accepted the award on behalf of his father. Mrs. Reen Petersen also attended.

Other craftsmen honored are: Joe Allatorre of Waterloo, a tile setter for Waterloo Tile & Marble Co.; Charles J. Chew, mason, with William Knudson and Son, Inc., Des Moines, and Harold M. Peterson, carpenter, Arthur H. Neumann & Bros., Inc., Des Moines.

For the first time, the chapter honored construction superintendents, and those named were: Woodrow J. Buck, James Thompson & Son, Ames; E. J. Forster, Boone Construction Co., Boone; Webb Hall, Ringland-Johnson Co., Clinton, and Howard K. Hansen, William Knudson and Son, Inc., Des Moines.

Architects were given plenty of food for thought in a fine series of technical talks through the convention which had as its theme "Design Responsibilities of the Architect." These began with the presentation Thursday night by Dean Henry Kamphoefner of North Carolina State College School of Design. He addressed the architects on NECA Night, at which the A.I.A. Chapter members were guests of the Iowa Chapter, National Electrical Contractors Association.

George N. Qualls of Philadelphia, who had been a student under Kamphoefner in Oklahoma and more recently at North Carolina State, kept the design ball rolling at the Luncheon Friday. Additional impetus was given during an excellent panel during the afternoon.
Resolutions were unanimously adopted expressing the sorrow of the chapter at the death of Members C. C. Woodburn of Des Moines and William Parish of Davenport, and of Honorary Members Bernice Setser of Des Moines and Prof. Phillip H. Elwood of Tucson, Ariz. These deaths occurred since the 1960 convention.

Unanimous approval was also given resolutions which urged:

- A state law to control billboards on the interstate highways,
- Legislation permitting Iowa to participate in federal low-cost housing programs, and
- A law prohibiting construction of permanent structures which would block streets that have been mapped as part of a city plan, but are not yet opened or improved.

Copies of these resolutions were sent to all members of the Iowa Senate and House of Representatives.

Another resolution, urging creation of a federal Department of Urban Affairs, was dispatched to members of the Iowa delegation in Washington, and to President John F. Kennedy.

"Second United States"

"The Second United States," the A.I.A. newest film, which carries the torch for urban renewal, was viewed at the chapter meeting Saturday and the Executive Committee immediately had a print ordered for Iowa use. The film is available to all members and may be obtained through the chapter office.

Within two weeks of the convention, President Bergquist had completed all committee appointments (see page 10). The Executive Committee (Bergquist, Savage, Goewey, McKivern, Frevert, Prall, Healey, Bonomi) met February 10, working from 9 a.m. to 5 p.m. on a comprehensive outline of the year's activity.

In addition to the standing committees, Bergquist named John Rice, Des Moines, as a Chapter Advisor for the student chapter at Iowa State University, Ames.

Taking note of activity underway for revisions in the architectural curriculum at Iowa State University, Bergquist appointed Clyde Lighter, Eugene O'Neil and Robert Savage as a special committee to participate in discussions with the faculty. These special appointments are added to the Education Committee.

With appointment of Charles Herbert of Des Moines as General Chairman for the 1962 convention, it was agreed by the Executive Committee that an Architectural Honor Awards program should be made a part of that convention. Herbert was asked to prepare an initial outline of the program for consideration of the Executive Committee at the Spring Meeting.

Spring Meeting April 12, Ames

The Executive Committee approved April 12 for the Spring Meeting of the Chapter at Ames. Planning for an Office Practice Seminar for this Spring will be in the hands of that committee chairman, Carl Blum of Burlington.

Summer Meeting at Cedar Rapids

Continuing to lay out the program for the year, the committee chose the weekend of July 14-15-16 for a Summer Outing at Cedar Rapids. E. H. Healey, executive committee member from that city, accepted the responsibility of planning the event which will headquarter at a motor hotel.

In other actions, the committee:

- Indicated it wants motion pictures produced showing Iowa architectural subjects;
BOWERY BELLES. The "Face on the Bar Room Floor" was the theme for chapter ladies on Thursday night, with Mrs. Myron Jensen (right, rear) in charge. Delightful costumes of yesteryear were worn by: (front, left to right) Chris Bullington, Kay Prall, Ann Shirk, and Mary Russell as the villain. Second row, are Margaret Voorhees, Mary O'Neill, Virginia Ver Ploeg, Alice Frevert, Pat Robison, Marguerite Ramsey, and Jean Jensen. The ladies also enjoyed a tea at Terrace Hill on Friday. All agreed the ladies’ program was fun-filled.

approved a resolution complimenting the plumbers and steamfitters for their interest in architecture, but pointing out that chapter members may not participate in an advertising bulletin board;

renewed for a year its contract with Robert Bonomi as executive secretary;

nominated four men for two vacancies which will occur on the State Board of Architectural Examiners;

approved a letter which states chapter policy in regard to departmentally created, administered and interpreted regulations with particular attention to the 1961 Fire Safety Regulations for Schools and Colleges, and

set its next meeting for March 17 with an indication that executive committee meetings may be held monthly in 1961. In previous years the committee has met four to five times annually.

Subjects for discussions at the March 17 meeting will include:

Suggestions for revision of the state law regarding registration of architects; presentation of plaques to men who have served the chapter as president; home builders school; architectural photography school; newly registered architect’s dinner, and public relations films.

While the ladies enjoyed the Bowery Belles Buffet, the AIA Chapter members were guests of the Iowa Chapter NECA at which Kamphoefner of North Carolina State was the principal speaker.

Karol Kocimski, design instructor at Iowa State University, poses with a duplicate model of his Honorable Mention winning design, one of only 22 so recognized in the Franklin Delano Roosevelt memorial contest. Nearly 600 designs were entered in the contest. The design symbolized the Four Freedoms and the universal brotherhood of man.
YOUR SIGN OF PROMPT SERVICE

And a vital part of that service to you is a complete understanding and thorough knowledge of the many cost-saving advantages of one of our major product lines.

This versatile material has had rapid acceptance by architect and engineer alike for roof deck systems, acoustical ceilings, as a form plank material for concrete slab or thin shell contemporary designs. Tectum insulates; is acoustical and structural; is rated non-combustible. In all, twelve outstanding Tectum features help keep roof deck and other reflected building costs in line. We'll be happy to see that you get complete information, at once. Call or write today.

Central Avenue School, Burlington, Iowa.
Architects: Dane Morgan and Associates, Burlington, Iowa

SWANSON SALES INC.
3213 Forest Ave. • Des Moines
CR 9-9793

Chapter Affairs
SAVAGE, ROBERT E.
Chairman
1200 Grand
West Des Moines, Iowa

BERGQUIST, RAYMOND G.
GOEWEY, RICHARD W.
McKLEEN, JOHN
O'NEIL, EUGENE C.
FREVERT, W. DAVID
HEALEY, EDWARD H.
PRALL, N. CLIFFORD

Education & Registration
BENTLEY, JAMES M.
Chairman
219 Waterloo Bldg.
Waterloo, Iowa

JORDISON, RICHARD R.
WOLF, LEONARD
GRIFFITH, GERALD I.
DOMMER, JEROLD W.
RICHARDSON, CHARLES

Student Advisor:
RICE, JOHN

Curriculum Study:
LIGHTER, CLYDE W.
O'NEIL, EUGENE C.
SAVAGE, ROBERT E.

Convention, 1962
HERBERT, CHARLES E.
Chairman
202 Masonic Temple Building
Des Moines 9, Iowa

Fellowships
WALSH, JAMES H.
Chairman
Glass Block Building
Spencer, Iowa

HEALEY, EDWARD H.
KENINGER, BERNARD

Relations with Construction Industry
LYON, R. WAYNE
Chairman
526 Liberty Building
Des Moines 9, Iowa

FREVERT, W. DAVID
VER PLOEG, STANLEY
SKILES, PAUL
HORNER, GEORGE

Legislation
RUSSELL, GEORGE
Chairman
1221 Savings & Loan Building
Des Moines 9, Iowa

PRALL, N. CLIFFORD
HIGGINS, BURDETTE
EMERY, AMOS B.
THORSON, OSWALD H.
SILLETTO, CHARLES B.

Membership
DEAN, WALDRO
Chairman
202 Masonic Temple Building
Des Moines 9, Iowa

HENRY, HARVEY W.
THOMPSON, JACK D.
McKLEEN, JOHN

Practice of Architecture
BLUM, CARL R.
Chairman
314 N. Fourth Street
Burlington, Iowa

JENSEN, MYRON E.
STEFFEN, KENNETH J.
BROM, RICHARD H.

Preservation of Historical Buildings
WAGNER, WILLIAM J.
Chairman
506 Shops Building
Des Moines 9, Iowa

PATTEN, LAWTON M.

Public Relations
ROBISON, DOUGLAS
Chairman
601 Brady Street
Davenport, Iowa

RAMSEY, ROBERT
KRAMER, DONOVAN D.
PAYNE, HAROLD

Publications
LYNCH, JAMES A.
Chairman
1221 Savings & Loan Building
Des Moines 9, Iowa

GOEWEY, RICHARD
WAGGONER, THOMAS M.

CALENDAR
Better Concrete Conference, Ames, March 8-9
Spring Meeting, A.I.A., Ames, April 12
A.I.A. Convention, Philadelphia, April 23-28
Summer Outing, Cedar Rapids, July 14-16
Prestressed Concrete beams are more and more popular with school boards, club secretaries, clergy­men, and church boards. And there’s a reason. Prestressed Concrete improves the interior beauty of large meeting rooms—in fact, the whole building—at low cost!

The superb strength of Prestressed Concrete eliminates unsightly supporting columns, even for lengths up to 100 feet. Prestressing concrete eliminates cracking, adds up to permanently beautiful finishes. Prestressed Concrete beams are gracefully slender and beautiful with or without acoustical finishing.

Prestressed Concrete costs are kept down through factory methods of production. All the advantages of off-site manufacture, standardiza­tion, prompt delivery, and easy, speedy erection are gained.

Concrete has come into its own as a building material—with Prestressing. Include the strength, beauty, and economy of Prestressed Concrete in your next design.

IOWA ASSOCIATION OF PRESTRESSED CONCRETE MANUFACTURERS

A & M Prestress, Clear Lake * Midwest Concrete Industries, West Des Moines * Prestressed Concrete of Iowa, Iowa Falls * C. W. Shirley Co., Waterloo * Wilson Concrete Co., Red Oak
DIRECTORY, IOWA CHAPTER, A.I.A.

On this page are listed all architectural firms resident in Iowa, whose principals are affiliated either with the A.I.A. or its Iowa Chapter.

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Altfillisch, Olson, Gray &amp; Thompson</td>
<td>126½ West Water Street, Decorah, Iowa</td>
</tr>
<tr>
<td>Architects Associated</td>
<td>518 Badgerow Building, Sioux City, Iowa</td>
</tr>
<tr>
<td>Ralph Arnold</td>
<td>State House, Des Moines 19, Iowa</td>
</tr>
<tr>
<td>Herbert A. Arthur</td>
<td>310/2 Main Street, Ames, Iowa</td>
</tr>
<tr>
<td>Atherton-Dean-Herbert</td>
<td>202 Masonic Temple Building, Des Moines 9, Iowa</td>
</tr>
<tr>
<td>Bergland &amp; Bianco</td>
<td>111 1/2 S. Federal Avenue, Mason City, Iowa</td>
</tr>
<tr>
<td>Wm. Beuttler &amp; Son</td>
<td>14th and Nebraska Streets, Sioux City, Iowa</td>
</tr>
<tr>
<td>Brooks-Borg</td>
<td>815 Hubbell Building, Des Moines 9, Iowa</td>
</tr>
<tr>
<td>Brown &amp; Healey</td>
<td>Town &amp; Country Building, Mason City, Iowa</td>
</tr>
<tr>
<td>Carrithers, L. T.</td>
<td>Mason City, Iowa</td>
</tr>
<tr>
<td>G. B. Cox</td>
<td>Professional Arts Building, 1830 State Street, Bettendorf, Iowa</td>
</tr>
<tr>
<td>Architects Crites &amp; McConnell</td>
<td>1953 First Ave. S.E., Cedar Rapids, Iowa</td>
</tr>
<tr>
<td>Douth &amp; Gibson</td>
<td>417 Logan Street, Waterloo, Iowa</td>
</tr>
<tr>
<td>Dewild-Grant-Reckert &amp; Stevens</td>
<td>Rock Rapids, Iowa</td>
</tr>
<tr>
<td>Dougher, Frevert &amp; Ramsey</td>
<td>707 Locust Street, Des Moines 9, Iowa</td>
</tr>
<tr>
<td>Durrant &amp; Bergquist</td>
<td>666 Loras Blvd., Dubuque, Iowa</td>
</tr>
<tr>
<td>Amos Emery &amp; Associates</td>
<td>820 Locust Street, Des Moines 9, Iowa</td>
</tr>
<tr>
<td>Gerald Griffith</td>
<td>3810 Ingersoll, Des Moines 12, Iowa</td>
</tr>
<tr>
<td>The Griffith Co.</td>
<td>S. Kenyon Road, Marshalltown, Iowa</td>
</tr>
<tr>
<td>Grow &amp; Devoe</td>
<td>403½ Main Street, Cedar Falls, Iowa</td>
</tr>
<tr>
<td>Robert D. Hecker</td>
<td>200 Toy Nat'l Bank Bldg., Sioux City, Iowa</td>
</tr>
<tr>
<td>Henry &amp; Broshar</td>
<td>2101A Falls Ave., Waterloo, Iowa</td>
</tr>
<tr>
<td>Hollis and Miller</td>
<td>120 Council Bluffs Savings Bank Bldg., Council Bluffs, Iowa</td>
</tr>
<tr>
<td>George Horner</td>
<td>State University of Iowa, Iowa City, Iowa</td>
</tr>
<tr>
<td>Lyle P. Howard</td>
<td>208 Kresge Building, Ottumwa, Iowa</td>
</tr>
<tr>
<td>Ervin C. Hunke</td>
<td>802 E. Madison, Fairfield, Iowa</td>
</tr>
<tr>
<td>Louis Kingscott &amp; Associates</td>
<td>321 W. Kimberly Road, Davenport, Iowa</td>
</tr>
<tr>
<td>Kohlmann &amp; Eckman</td>
<td>634 Higley Building, Cedar Rapids, Iowa</td>
</tr>
<tr>
<td>Lindgren &amp; Taylor</td>
<td>6311 Hickman Road, Des Moines 22, Iowa</td>
</tr>
<tr>
<td>Keith Lorenzen</td>
<td>215 Commercial Street, Davenport, Iowa</td>
</tr>
<tr>
<td>Maiwurm-Wiegman</td>
<td>612 Third Ave. South, Fort Dodge, Iowa</td>
</tr>
<tr>
<td>Dane D. Morgan &amp; Associates</td>
<td>314 N. 4th, Burlington, Iowa</td>
</tr>
<tr>
<td>William Nielsen</td>
<td>307 Masonic Temple Bldg., Des Moines 9, Iowa</td>
</tr>
<tr>
<td>Charles Richardson &amp; Associates</td>
<td>1001 Kahl Building, Des Moines 9, Iowa</td>
</tr>
<tr>
<td>Peiffer &amp; Associates</td>
<td>1213 Fourth Avenue S.E., Cedar Rapids, Iowa</td>
</tr>
<tr>
<td>N. Clifford Prall</td>
<td>910 Insurance Exchange Bldg., Des Moines 9, Iowa</td>
</tr>
<tr>
<td>Russell J. Prescott</td>
<td>126½ W. Main Street, Marshalltown, Iowa</td>
</tr>
<tr>
<td>Prout-Mugasis-Johnson</td>
<td>709 5th Avenue S., Clinton, Iowa</td>
</tr>
<tr>
<td>Glen Ralston</td>
<td>214 Waterloo Building, Waterloo, Iowa</td>
</tr>
<tr>
<td>Rossiter &amp; Hamm</td>
<td>465 Main Street, Dubuque, Iowa</td>
</tr>
<tr>
<td>Russell &amp; Lynch</td>
<td>1221 Savings &amp; Loan Building, Des Moines 9, Iowa</td>
</tr>
<tr>
<td>Savage &amp; Ver Ploeg</td>
<td>1200 Grand, West Des Moines, Iowa</td>
</tr>
<tr>
<td>Smith-Voorhees-Jensen</td>
<td>Architects Associated, 304½ 8th Street, Des Moines 9, Iowa</td>
</tr>
<tr>
<td>Louis G. Soenke</td>
<td>601 Brady St., Davenport, Iowa</td>
</tr>
<tr>
<td>Steffen &amp; Stoltz</td>
<td>Box 601, Ottumwa, Iowa</td>
</tr>
<tr>
<td>Stewart, Robison &amp; Leffan</td>
<td>Priester Building, 601 Brady Street, Davenport, Iowa</td>
</tr>
<tr>
<td>Thorson &amp; Brom</td>
<td>219 Waterloo Building, Waterloo, Iowa</td>
</tr>
<tr>
<td>Thorson, Gjelten &amp; Schellberg</td>
<td>205 S. Clark Street, Forest City, Iowa</td>
</tr>
<tr>
<td>Tinsley-Higgins-Lighter &amp; Lyon</td>
<td>526 Liberty Building, Des Moines 9, Iowa</td>
</tr>
<tr>
<td>Toenjes &amp; Stenson</td>
<td>217 W. 4th Street, Waterloo, Iowa</td>
</tr>
<tr>
<td>Waggoner &amp; Waggoner</td>
<td>15 S. Federal Avenue, Mason City, Iowa</td>
</tr>
<tr>
<td>Walsh &amp; Keninger</td>
<td>Box 467, Glass Block Building, Spencer, Iowa</td>
</tr>
<tr>
<td>Wetherell-Harrison-Wagner</td>
<td>506 Shops Building, Des Moines 9, Iowa</td>
</tr>
<tr>
<td>Raymond C. Whitaker</td>
<td>1302 Adams Street, Davenport, Iowa</td>
</tr>
<tr>
<td>Leonard Wolf</td>
<td>Engineers Annex, Iowa State University, Ames, Iowa</td>
</tr>
<tr>
<td>Woodburn &amp; O'Neil</td>
<td>201 Jewett Building, Des Moines 9, Iowa</td>
</tr>
</tbody>
</table>
Members Emeritus

CHARLES W. DeJARNETTE, 3523 University Apt. 13-B, Des Moines
E. R. SWANSON, 3133 Morrison Avenue, Sioux City
VERNON F. TINSLEY, 3913 Maquoketa Drive, Des Moines

Members, American Institute of Architects

ALTFILLISCH, CHARLES
(F.A.I.A.)
Principal, Altfillisch, Olson, Gray & Thompson, 126½ W. Water Street, Decorah

ARNOLD, RALPH
Board of Control of State Institutions, Statehouse, Des Moines

ARTHUR, HERBERT A.
Principal, Herbert A. Arthur, 310 Main Street, Ames

ATHERTON, THOMAS J.
Principal, Atherton-Dean-Herbert, 202 Masonic Temple Bldg., Des Moines

BENTLEY, JAMES M.
Thorson & Brom, 219 Waterloo Building, Waterloo

BERGLAND, ROBERT B.
Principal, Bergland and Bianco, 11½ S. Federal Avenue, Mason City

BERGQUIST, RAYMOND G.
Principal, Durrent and Bergquist, 666 Loras Blvd., Dubuque

BEUTTLER, WILLIAM
Principal, William Beuttler and Son, 14th and Nebraska Streets, Sioux City

BEUTTLER, W. LEE
Principal, William Beuttler and Son, 14th and Nebraska Streets, Sioux City

BIANCO, HAROLD F.
Principal, Bergland and Bianco, 11½ South Federal Avenue, Mason City

BLUM, CARL R.
Principal, Dane D. Morgan and Associates, 314 North 4th Street, Burlington

BORG, ELMER H.
Principal, Brooks-Borg, 815 Hubbell Building, Des Moines

BORG, JOSEPH E.
Principal, Brooks-Borg, 815 Hubbell Bldg., Des Moines

BROSHAR, ROBERT C.
Principal, Henry & Broshar, 2101A Falls Avenue, Waterloo

BROOKS, J. WOOLSON (F.A.I.A.)
Principal, Brooks-Borg, 815 Hubbell Building, Des Moines

CARRITHERS, IRA T., JR.
Principal, I. T. Carrithers, 6 North First Street, Council Bluffs

CLEVELAND, MORTIMER B.
Principal, R. M. & M. B. Cleveland, 424 East 4th Street, Waterloo

CLEVELAND, RHODES M.
Principal, R. M. & M. B. Cleveland, 424 East 4th Street, Waterloo

COUCH, LOUIS C.
Lundine & Toline, 1630 5th Ave., Moline, Illinois

BROWN, WILLIAM J.
Principal, Brown and Healey, 36th Street and First Avenue, SE, Cedar Rapids

CAMIZZI, FRANCIS J.
Brown & Healey, Town & Country Bldg., Cedar Rapids

DURRANT, G. HUDSON
Principal, Durrant and Bergquist, 666 Loras Blvd., Dubuque
WOOD POST
SCULPTURED BY BLUMCRAFT IN HAND RUBBED OIL FINISH • SEND FOR GENERAL CATALOG M-61

COPYRIGHT 1961 BY BLUMCRAFT OF PITTSBURGH • 460 MELWOOD ST., PITTSBURGH 13, PENNSYLVANIA
COX, GERALD BURTON
Principal, G. B. Cox, Architect, Professional Arts Bldg., 1630 State St., Bettendorf

CRITES, RAY D.
Principal, Architects Crites and McConnell, 1953 First Avenue S.E., Cedar Rapids

DEAN, WALDO J.
Principal, Atherton-Dean-Herbert, 202 Masonic Temple Building, Des Moines

DEVOE, ROBERT C.
Principal, Grow and Devoe, 403½ Main, Cedar Falls

DOMMER, JERALD W.
Principal, Durant and Bergquist, 666 Loras Blvd., Dubuque

DOUGHER, JAMES A.
Principal, Dougher-Frevert-Ramsey, 302 Garver Building, Des Moines

ECKMAN, REALAND F.
Principal, Kohlman and Eckman, 634 Higley Building, Cedar Rapids

EMERY, AMOS B.
Principal, Amos Emery and Associates, 820 Locust Street, Des Moines

FERNBACH, RICHARD B.
708 Foster Drive, Des Moines

FRANZEN, ARCHIE W.
P.O. Box 1515, Harper's Ferry, West Virginia

FREVERT, W. DAVID
Principal, Dougher-Frevert-Ramsey, 302 Garver Building, Des Moines

GALVIN, JOHN C.
Altfillisch, Olson, Gray & Thompson, 126½ West Water Street, Decorah

GIBSON, VICTOR P.
Dauth & Gibson, 417 Logan Street, Waterloo

GJELTEN, GORDON O.
Principal, Thorson, Gjelten and Schellberg, 205 S. Clark Street, Forest City

GOEWEY, RICHARD W.
Brooks-Borg, 815 Hubbell Building, Des Moines

GRAY, DONALD LOWELL
Principal, Altfillisch, Olson, Gray & Thompson, 305 Fifth Avenue, Decorah

HEALEY, EDWARD HOPKINS
Principal, Brown and Healey, 36th Street and 1st Ave., S.E., Cedar Rapids

HECKER, ROBERT D.
Principal, Robert D.Hecker, 200 Toy National Bank, Sioux City

HEMERY, STANFORD WELLS
Principal, The Griffith Company S. Kenyon Road, Fort Dodge

GROW, ROBERT WARREN
Principal, Grow and Devoe, 403½ Main Street, Cedar Falls

HAYNES, STANLEY F.
Prout, Mugaisis and Johnson, 709 5th Avenue South, Clinton

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

GRIFFITH, STANFORD WELLS
Principal, The Griffith Company S. Kenyon Road, Fort Dodge

GRIFFITH, RICHARD I.
Principal, Gerald I. Griffith, 3810 Ingalls, Des Moines

GRIBB, RICHARD I.
Principal, Gerald I. Griffith, 3810 Ingalls, Des Moines

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

HEALEY, EDWARD HOPKINS
Principal, Brown and Healey, 36th Street and 1st Ave., S.E., Cedar Rapids

HECKER, ROBERT D.
Principal, Robert D. Hecker, 200 Toy National Bank, Sioux City

HAYNES, STANLEY F.
Prout, Mugaisis and Johnson, 709 5th Avenue South, Clinton

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

GRIFFITH, STANFORD WELLS
Principal, The Griffith Company S. Kenyon Road, Fort Dodge

GRIFFITH, RICHARD I.
Principal, Gerald I. Griffith, 3810 Ingalls, Des Moines

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

HEALEY, EDWARD HOPKINS
Principal, Brown and Healey, 36th Street and 1st Ave., S.E., Cedar Rapids

HECKER, ROBERT D.
Principal, Robert D. Hecker, 200 Toy National Bank, Sioux City

HAYNES, STANLEY F.
Prout, Mugaisis and Johnson, 709 5th Avenue South, Clinton

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

GRIFFITH, STANFORD WELLS
Principal, The Griffith Company S. Kenyon Road, Fort Dodge

GRIFFITH, RICHARD I.
Principal, Gerald I. Griffith, 3810 Ingalls, Des Moines

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

HEALEY, EDWARD HOPKINS
Principal, Brown and Healey, 36th Street and 1st Ave., S.E., Cedar Rapids

HECKER, ROBERT D.
Principal, Robert D. Hecker, 200 Toy National Bank, Sioux City

HAYNES, STANLEY F.
Prout, Mugaisis and Johnson, 709 5th Avenue South, Clinton

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

GRIFFITH, STANFORD WELLS
Principal, The Griffith Company S. Kenyon Road, Fort Dodge

GRIFFITH, RICHARD I.
Principal, Gerald I. Griffith, 3810 Ingalls, Des Moines

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

HEALEY, EDWARD HOPKINS
Principal, Brown and Healey, 36th Street and 1st Ave., S.E., Cedar Rapids

HECKER, ROBERT D.
Principal, Robert D. Hecker, 200 Toy National Bank, Sioux City

HAYNES, STANLEY F.
Prout, Mugaisis and Johnson, 709 5th Avenue South, Clinton

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

GRIFFITH, STANFORD WELLS
Principal, The Griffith Company S. Kenyon Road, Fort Dodge

GRIFFITH, RICHARD I.
Principal, Gerald I. Griffith, 3810 Ingalls, Des Moines

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

HEALEY, EDWARD HOPKINS
Principal, Brown and Healey, 36th Street and 1st Ave., S.E., Cedar Rapids

HECKER, ROBERT D.
Principal, Robert D. Hecker, 200 Toy National Bank, Sioux City

HAYNES, STANLEY F.
Prout, Mugaisis and Johnson, 709 5th Avenue South, Clinton

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

GRIFFITH, STANFORD WELLS
Principal, The Griffith Company S. Kenyon Road, Fort Dodge

GRIFFITH, RICHARD I.
Principal, Gerald I. Griffith, 3810 Ingalls, Des Moines

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

HEALEY, EDWARD HOPKINS
Principal, Brown and Healey, 36th Street and 1st Ave., S.E., Cedar Rapids

HECKER, ROBERT D.
Principal, Robert D. Hecker, 200 Toy National Bank, Sioux City

HAYNES, STANLEY F.
Prout, Mugaisis and Johnson, 709 5th Avenue South, Clinton

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

GRIFFITH, STANFORD WELLS
Principal, The Griffith Company S. Kenyon Road, Fort Dodge

GRIFFITH, RICHARD I.
Principal, Gerald I. Griffith, 3810 Ingalls, Des Moines

HARRISON, ROLAND T.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

HEALEY, EDWARD HOPKINS
Principal, Brown and Healey, 36th Street and 1st Ave., S.E., Cedar Rapids

HECKER, ROBERT D.
Principal, Robert D. Hecker, 200 Toy National Bank, Sioux City

HAYNES, STANLEY F.
Prout, Mugaisis and Johnson, 709 5th Avenue South, Clinton
PIECE AND COLUMN CLOSURES

- Rapid clean installation
- Removable
- Uniform rounded corners
- Absolutely flat—stiff as 1/4" plate
- Durable metal faces
- Lower initial cost

Corners precision crimped at desired location. Enclosure is shipped flat and easily bent into channel in field.

26 gauge galvanized steel sheets permanently bonded to hardboard core. Also available with factory applied vinyl and variety of core materials.

Screw holes pre-punched and countersunk. Two wood batten strips only attachment required.

MET-L-WOOD
STRESSED SKIN STRUCTURAL LAMINATES

OWL'S HEAD ENGINEERING

2814 Forest Drive • Des Moines 11 • AT 2-6972
HENRY, HARVEY W.
Principal, Henry & Broshar, 2101A Falls Ave., Waterloo

HUEHOLT, RAYMOND L.
Principal, Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

HUKILL, WILLIAM V., JR.
Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

HUNEKE, ERVIN C.
Principal, Ervin C. Huneke, First National Bank Building, Fairfield

HERBERT, CHARLES E.
Principal, Atherton-Dean-Herbert, 202 Masonic Temple Building, Des Moines

HIGGINS, BURDETT
Principal, Tinsley, Higgins, Lighter and Lyon, 526 Liberty Building, Des Moines

HORNER, GEORGE L.
Principal, George Horner, Department of Planning and Construction, State University of Iowa

HOTCHKISS, WALTER ALAN
Principal, Amos Emery and Associates, 820 Locust, Des Moines

KENDALL, R. KENNETH
Brooks-Borg, 815 Hubbell Bldg., Des Moines

KNIGHT, CALVIN A.
Box 553, Iowa City

KOHLMANN, ELLSWORTH F.
Principal, Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

KRAMER, DONOVAN D.
Principal, Durrant and Bergquist, 666 Loras Blvd., Dubuque

KOHLMANN, ELLSWORTH F.
Principal, Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

HUGO, WILLIAM V., JR.
Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

HIGGINS, BURDETT
Principal, Tinsley, Higgins, Lighter and Lyon, 526 Liberty Building, Des Moines

HORNER, GEORGE L.
Principal, George Horner, Department of Planning and Construction, State University of Iowa

HOTCHKISS, WALTER ALAN
Principal, Amos Emery and Associates, 820 Locust, Des Moines

KENDALL, R. KENNETH
Brooks-Borg, 815 Hubbell Bldg., Des Moines

KNIGHT, CALVIN A.
Box 553, Iowa City

KOHLMANN, ELLSWORTH F.
Principal, Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

HUGO, WILLIAM V., JR.
Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

HIGGINS, BURDETT
Principal, Tinsley, Higgins, Lighter and Lyon, 526 Liberty Building, Des Moines

HORNER, GEORGE L.
Principal, George Horner, Department of Planning and Construction, State University of Iowa

HOTCHKISS, WALTER ALAN
Principal, Amos Emery and Associates, 820 Locust, Des Moines

KENDALL, R. KENNETH
Brooks-Borg, 815 Hubbell Bldg., Des Moines

KNIGHT, CALVIN A.
Box 553, Iowa City

KOHLMANN, ELLSWORTH F.
Principal, Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

HUGO, WILLIAM V., JR.
Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

HIGGINS, BURDETT
Principal, Tinsley, Higgins, Lighter and Lyon, 526 Liberty Building, Des Moines

HORNER, GEORGE L.
Principal, George Horner, Department of Planning and Construction, State University of Iowa

HOTCHKISS, WALTER ALAN
Principal, Amos Emery and Associates, 820 Locust, Des Moines

KENDALL, R. KENNETH
Brooks-Borg, 815 Hubbell Bldg., Des Moines

KNIGHT, CALVIN A.
Box 553, Iowa City

KOHLMANN, ELLSWORTH F.
Principal, Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

HUGO, WILLIAM V., JR.
Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

HIGGINS, BURDETT
Principal, Tinsley, Higgins, Lighter and Lyon, 526 Liberty Building, Des Moines

HORNER, GEORGE L.
Principal, George Horner, Department of Planning and Construction, State University of Iowa

HOTCHKISS, WALTER ALAN
Principal, Amos Emery and Associates, 820 Locust, Des Moines

KENDALL, R. KENNETH
Brooks-Borg, 815 Hubbell Bldg., Des Moines

KNIGHT, CALVIN A.
Box 553, Iowa City

KOHLMANN, ELLSWORTH F.
Principal, Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

HUGO, WILLIAM V., JR.
Kohlmann and Eckman, 634 Higley Building, Cedar Rapids

HIGGINS, BURDETT
Principal, Tinsley, Higgins, Lighter and Lyon, 526 Liberty Building, Des Moines

HORNER, GEORGE L.
Principal, George Horner, Department of Planning and Construction, State University of Iowa

HOTCHKISS, WALTER ALAN
Principal, Amos Emery and Associates, 820 Locust, Des Moines

KENDALL, R. KENNETH
Brooks-Borg, 815 Hubbell Bldg., Des Moines

KNIGHT, CALVIN A.
Box 553, Iowa City

KOHLMANN, ELLSWORTH F.
The best ideas are more exciting in concrete.

Decorative patterns in concrete give unity and beauty to new medical center!

Hospital, clinic, school, research laboratory—the many activities of the new Stanford Medical Center require 7 separate buildings. To bring this complex into one harmonious whole, ingenious use has been made of modern concrete. Precast grilles provide a strong light-and-shadow pattern over large areas. They also set a design theme which is repeated in bold relief on other concrete surfaces throughout the Center. The elegant beauty achieved gives dramatic evidence of concrete's esthetic versatility and its structural advantages. Today, more than one architect is acquiring a reputation through the creative uses of modern concrete.
Where Gas Is Available and Power Is Required, Choose CAT* Gas Engines

Prime Electric Power

Standby Power

Air Conditioning Units

Sewage Disposal Plants

Pipe Line Pumps

Irrigation Pumps

Fire Pumps

Here's Why You'll Get Highest Power, Performance And Economy With CATERPILLAR* Natural Gas Engines...

Caterpillar* Natural Gas Engines are designed to fulfill the duties of diesel engines. They are built on a basic diesel engine block using the standard diesel engine parts wherever possible. Only pistons and fuel systems are changed for operation on natural gas. This basic diesel construction of a natural gas engine allows the Caterpillar* Gas Engine to operate continuously at full horsepower without derating. To derate the Cat* Engine to 65% is not necessary since it is operating well within the peak pressure load of the Cat* Diesel. Other make engines, designed explicitly for gas service and of correspondingly lighter construction, find it necessary to derate under continuous operation to provide reasonable engine life.

The superior combustion characteristics of natural gas and the continuous horsepower output of the 10.5:1 compression ratio gives the Cat* High Compression Natural Gas Engine the highest power output of any gas engine its size. In addition, Cat* Engines offer the lowest cost of operation available — in both cleaner burning and lowest cost fuels, even free sewer gas — and will pay for themselves in fuel savings alone before the first major overhaul is required.

Yes, see Gibbs-Cook today for the full story about the new expanded line of Caterpillar* Natural Gas Engines for continuous power requirements from 210 to 470 HP.
RICE, JOHN
Brooks-Borg, 815 Hubbell Building, Des Moines

RICHARDSON, CHARLES V.
Principal, Charles Richardson and Associates, 1001 Kahl Building, Davenport

RUDI, NORMAN H.
Architects Crites and McConnell, 1953 First Avenue S.E., Cedar Rapids

RUSSELL, GEORGE
Principal, Russell and Lynch, 1221 Savings and Loan Building, Des Moines

RUSSELL, GEORGE
Principal, Russell and Lynch, 1221 Savings and Loan Building, Des Moines

SALISBURY, ALLEN B.
Smith-Voorhees-Jensen, Architects Associated, 424 Badgerow Building, Sioux City

SAVAGE, ROBERT E.
Principal, Savage and Ver Ploeg, 1200 Grand Avenue, West Des Moines

SCHELLBERG, WILLIS E.
Principal, Thorson, Gjelten and Schellberg, 205 S. Clark Street, Forest City

SCHILD, CHARLES B.
Woodburn and O'Neil, 201 Jewett Building, Des Moines

SILLETTO, CHARLES B.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

SMITH, DIGHTON H.
Principal, Smith, Voorhees and Jensen, Architects Associated, 201 Davidson Building, Des Moines

SOENKE, LOUIS G.
Principal, Louis G. Soenke, 601 Brady Street, Davenport

STEFFEN, KENNETH J.
Principal, Steffen & Stoltz, Box 601, Ottumwa

STEVENS, WAYNE TOWNSEND
Principal, DeWild-Grant-Reckert and Stevens, Rock Rapids

STEWART, HAROLD J.
Principal, Stewart-Robison-Laffan, 601 Brady St., Davenport

STOLTZ, STEPHEN M.
Principal, Steffen and Stoltz, Box 601, Ottumwa

TAYLOR, WILLIAM A.
Principal, Lindgren & Taylor, 6311 Hickman Road, Des Moines

THOMPSON, JACK DEAN
Principal, Altfillisch, Olson, Gray & Thompson, 126½ W. Water Street, Decorah
For DIRECT-TO-STEEL fireproofing
ZONOLITE MONO-KOTE® OFFERS
4 NEW ADVANTAGES

1. FASTER APPLICATION — A two inch thickness of Mono-Kote can be applied over a large area in one day... greatly reducing scaffolding time and cost, and allowing other trades to follow up faster.

2. NON-SHRINKING, FISSURE-FREE — Assures attractive, finished surface with no tendency to fissure crack.

3. HARD-SETTING — Mono-Kote provides a firm, monolithic surface.

4. NO NEED TO WRAP BEAMS — Mono-Kote applies directly to beams. No need to cage beams with lath.

Mono-Kote is a mill-mixed fireproofing material designed for machine application to the underside of steel floors and direct to beams. It takes a firm set, free of fissure cracks and has bond strengths of 400 to 600 psf. Because Mono-Kote is also a fast setting material, a two inch thickness can be applied in one day, eliminating time-consuming delays encountered with “soft” fireproofing products.

Mono-Kote can provide fast, top quality fireproofing applications. Write now for full details, including technical data, specifications, and fire test information.

Western Mineral PRODUCTS COMPANY
1720 MADISON ST. N.E. • MINNEAPOLIS 13, MINNESOTA
THORSON, OSLAHL H.
Principal, Thorson and Brom, 219 Waterloo Building, Waterloo

WAGNER, WILLIAM J.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

UTTERBACK, RICHARD A.
Principal, Walsh & Keninger, Box 526, Spencer

WALLERSTEDT, W. KENNETH
Principal, Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

TOENJES, DAVID B.
Principal, Toenjes and Stenson, 217 W. Fourth Street, Waterloo

WALSH, JAMES H.
Principal, Walsh & Keninger, Box 526, Spencer

WAYLAND, LLOYD K.
Louis C. Kingscott & Associates, P.O. Box 202, Davenport

VER PLOEG, STANLEY C.
Principal, Savage and Ver Ploeg, 1200 Grand Avenue, West Des Moines

WETHERELL, EDWIN H.
Principal, Wetherell-Harrison-Wagner, 506 Shops Building, Des Moines

WIGEYMAN, JOHN H.
Principal, Mawurm and Wiegman, 612 Third Avenue S., Fort Dodge

VOORHEES, GRANT W.
Principal, Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

WAGGONER, KARL M.
Principal, Waggoner and Waggoner, 15 S. Federal Avenue, Mason City

WAGGONER, TOM
Principal, Waggoner and Waggoner, 15 S. Federal Avenue, Mason City

WAGGONER, WILLIAM M.
Principal, Woodburn and O’Neil, 201 Jewett Building, Des Moines

WAGNER, WILLIAM J.
Professor and Head, Dept. of Architecture and Architectural Engineering, Iowa State University, Ames

ANDERSON, RAYMOND ERIC
Brooks-Borg, 815 Hubbell Bldg., Des Moines

APPPELL, DONALD W.
Principal, Peterson & Appell, Structural Engineers, 1148 Polk Blvd., Des Moines

BLOODGOOD, JOHN DUDLEY
Building Editor, Better Homes & Gardens, 1716 Locust Street, Des Moines

BRIEPLY, ROBERT S.
N. Clifford Prall, 910 Insurance Exchange Building, Des Moines

Associate Members
Iowa Chapter

AMEND, JAMES LEE
Holliand Miller, 120 Council Bluffs Savings Bank Bldg., Council Bluffs

WISE, CARL M.
Department of Arch. and Arch. Eng., Iowa State University, Ames
Perfectly Balanced Strength . . .

SHEFFIELD
PRE-CAST
TILE BEAMS
HAVE IT!

One of the reasons for the strength of the relatively thin Sheffield Tile Beam Floor is the fact that the steel and concrete work at the allowable stresses. In this balanced design, neither the compressive or the tensile strength is loafing. This system is designed to best utilize the inherent qualities of steel, clay tile and poured concrete.

SHEFFIELD BRICK & TILE CO.
SHEFFIELD, IOWA
Manufacturers Of Superior Quality Clay Products For Over Half A Century

Specify Adel
TEXTURED
RED FACED TILE
Size 3¾" x 11¼" x 3½"
TEXTURED BOTH SIDES
RECOMMENDED FOR
ECONOMY PROJECTS

Adel Clay Products Co.
STIPPLE-MATT FACE TILE AND BRICK
AND OTHER VITRIFIED CLAY PRODUCTS
IOWA SALES OFFICE AND WAREHOUSE
181 ASHWORTH ROAD • WEST DES MOINES, IOWA
FACTORIES IN REDFIELD AND CENTERTON, IOWA
Phone CRESTWOOD 9-9721
When the plans are completed...

CALL AN EXPERT!!
To be DOUBLY SURE your electrical installations are just as you intended...

Call on a NECA MEMBER

Ask us for the names of NECA members in your area.

IOWA CHAPTER
NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION
1118 MULBERRY
AT 8-3279
DES MOINES, IOWA

CONCERNING
IOWA CONCRETE BLOCK & MATERIAL CO.

1—Old Enough To Have Learned Your Problems
2—Big Enough To Properly Serve Your Needs
3—Sound Enough (Financially) To Stand Back of Their Products
4—Small Enough To Give Your Orders Personal Attention
5—Appreciative Enough To Value Your Business

We Believe Architects Should Consider The Above When Specifying Materials

IOWA CONCRETE BLOCK & MATERIAL COMPANY
820 S.W. 9th St. PH. AT 8-5751 DES MOINES 9, IOWA
"Your Problems Keep Us In Business"

BETTER MATERIALS SINCE 1917

CONCRETE BLOCKS • HAYDITE BLOCKS • BRICKS • CHANNEL ROOF SLABS • CONCRETE JOIST • OWENS-ILLINOIS GLASS BLOCKS • LANNON STONE • SANYMETAL TOILET COMPARTMENTS • CHAMPION MASONRY SAW & BLADES • CHICAGO FIRE BRICK • MASONRY MATERIALS
ALUMINUM AND STEEL WINDOWS • ARKETEX GLAZED TILE
METAL SPECIALTIES • CONCRETE CORA CRIBS AND SILOS

SERVICE AND QUALITY ALWAYS
PORTER, TOM
N. Clifford Prall, 910 Insurance Exchange Bldg., Des Moines

PULLEY, FRANK L.
Consulting Engineer, Securities Building, Des Moines

SCHILLING, RALPH R.
Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Bldg., Des Moines

SHANE, HERBERT
Tinsley, Higgins, Lighter and Lyon, 526 Liberty Building, Des Moines

SHIRK, KEITH E.
Tinsley, Higgins, Lighter and Lyon, 526 Liberty Building, Des Moines

SLATER, BERNARD J.
Department of Arch. and Arch. Eng., Iowa State University, Ames

STEVENSON, DANIEL B.
Consulting Engineer, Empire Building, Des Moines

GRANT, WALTERS, PAUL A.
Consulting Engineer, 206 Masonic Temple Building, Des Moines

FAUST, THOMAS W.
Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

GLEHLS, G. H.
Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

Junior Associates, Iowa Chapter

ALLSUP, EDGAR DEAN
Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

ARTIAGA, JESUS M.
Brooks-Borg, 815 Hubbard Building, Des Moines

BELKNAP, DALE D.
Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

HART, JOHN J., JR.
Brooks-Borg, 815 Hubbard Building, Des Moines

HEDNAGGER, KEITH C.
Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

HESTNESS, ADRIAN C.
Thorson, Gjeiltor & Schellberg, Forest City

JOHNSON, DONALD ALVIN
Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

KUZLARICH, PETER J.
Brooks-Borg, 815 Hubbard Building, Des Moines

KUGLER, OSKAR
Thorson, Gjeilet & Schellberg, 205 S. Clark Street, Forest City

LEMON, ROBERT H.
Douguer-Frevert-Ramsey, 302 Garver Building, Des Moines
Sixty-seven tons of fabricated steel for this 60,000 square foot building were on the job site just 20 working days after the steel order was entered. Another twenty-one tons for an addition to the above building were delivered 10 working days after receipt of order. Steel construction means easier designs, faster construction, faster rentals and a faster return on the owner's investment.

**DES MOINES STEEL COMPANY**

421 S.W. 5th St.  
Des Moines, Iowa

Ph. CH 4-2101
LOBE, HORST W.
Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

McMULLIN, RICHARD N.
N. Clifford Prall, 910 Insurance Exchange Bldg., Des Moines

MUNZENMAIER, EDWARD W.
Savage & Ver Ploeg, 1200 Grand Avenue, West Des Moines

NIELSEN, WILLIAM N., JR.
Brooks-Borg, 815 Hubbell Building, Des Moines

NIGRO, ANTHONY J.
Savage & Ver Ploeg, 1200 Grand, West Des Moines

OLSON, CLARENCE L.
N. Clifford Prall, 910 Insurance Exchange Bldg., Des Moines

PARKS, RUSSELL
Brooks-Borg, 815 Hubbell Building, Des Moines

PFIFNER, JOHN F.
Russell & Lynch, 1221 Savings and Loan Bldg., Des Moines

RATCLIFFE, JOHN R.
Brooks-Borg, 815 Hubbell Building, Des Moines

UGULINI, ALDO EDWARD
Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

REDFERN, MERLIN L.
Brooks-Borg, 815 Hubbell Building, Des Moines

VER STEEG, CARL
Savage and Ver Ploeg, 1200 Grand, West Des Moines

SELZER, MAX D.
Louis Kingscott & Associates, Box 202, Davenport

VANDER LINDEN, CHARLES W., JR.
2904 34th Street, Des Moines

SHELLEDY, JOHN G.
Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Building, Des Moines

SKINNELL, SAMMY LEE
1508 Gaines, Davenport

SMITH, CLARENCE M.
City of Des Moines, Urban Renewal, City Hall, Des Moines

WALDEN, BROCK A.
Thorson, Gjelten & Schellberg, 205 S. Clark Street, Forest City

STAEHLE, WILLIAM L.
City of Des Moines, Planning & Zoning, City Hall, Des Moines

ZARNIKOW, WERNER E.
Smith-Voorhees-Jensen, Architects Associated, 201 Davidson Bldg., Des Moines

STENSON, MARVIN L.
Principal, Toenjes & Stenson 217 W. 4th St., Waterloo

VIFQUAIN, JOHN A.
Tinsley, Higgins, Lighter and Lyon, 526 Liberty Building, Des Moines

WINKLER, KARL J.
Brooks-Borg, 815 Hubbell Bldg., Des Moines

Honorary Associates, Iowa Chapter

JAY N. (DING) DARLING
2320 Terrace Road, Des Moines

DWIGHT KIRSCH
1701 Casady Drive, Des Moines

CHRISTIAN PETERSEN
Ames, Iowa
Philadelphia architects already are beating the drums for the A.I.A. convention to be held there April 23 to 28 in 1961, and the program outlined indicates that it will be well worth attending.

From religious services at 1 p.m., April 23, until the end of the week, A.I.A. members will find a full and varied program ranging from a luncheon at the Franklin Institute's unique "do-it-yourself" museum of applied science, to an orchestral concert by the renowned Philadelphia Orchestra (Eugene Ormandy conducting), and from a tour of Philadelphia to an excursion through Bucks county and a visit to the Fairless Works of United States Steel Co. These "Host Chapter" events are planned to make the week most enjoyable and will be highlighted by a midnight buffet and ball at the Bellevue-Stratford Hotel on Tuesday, April 25.

For the ladies, special events will include a performance at the Playhouse-in-the-Park (Philadelphia's theatre in-the-round), and a tour to such show places as Longwood Gardens (1,000 acres of indoor and outdoor plantings) and the Henry Francis DuPont Winterthur Museum in Delaware.

Philadelphia architects are planning to be hosts in their own homes to visitors for cocktails preceding the annual banquet, and will lead tours of the city at the close of the convention. As a final event on the host chapter program, Philadelphia chapter members will be hosts at dinner to visiting architects.

**BETTER CONCRETE CONFERENCE AT AMES**

The Iowa Chapter A.I.A. was among sponsors of the 12th annual Better Concrete Conference held March 8 and 9 in Ames. A total of 24 speakers took part. Among them were James D. Piper, Chicago, vice-president, Portland Cement Institute; Robert E. Wilde, assistant secretary and Kenneth D. Cummins, technical director, American Concrete Institute, Detroit; and Stanton Walker, Washington, D.C., director of engineering for the National Sand and Gravel Association and the National Ready Mixed Concrete Association.

**CLIPPED WITHOUT COMMENT**

From an Iowa newspaper: "A campaign to raise funds to build a new grade school and to renovate the present school structure has been announced to members of the parish . . . Support for the project has come from His Excellency the Bishop and from the Iowa State Fire Marshal who have termed the project an absolute necessity . . .

"In addition to the new construction, plans call for complete renovation of the old school building with the installation of a new fire-fighting sprinkler system. The latter, it was stated, is being installed because of the insistence of the State Fire Marshal's office and the need for added protection for the children in the building."

**UNDERFLOW knows no location limitations**

Any area that will accommodate its plan dimensions is good enough for a Marley UNDERFLOW AQUATOWER, the tower that supplies its own grillage.

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.

Represented by . . .

**R. S. STOVER COMPANY**

3½ W. Main St.
Marshalltown, Iowa

120 N. 69th St.
Omaha, Neb.

31
PERSONAL & PROFESSIONAL

GROW TAKES LEAVE TO LIVE IN JAPAN

Mr. and Mrs. Robert Grow and their three children will leave Cedar Falls in April, and expect to spend a year in Kyoto, Japan. Grow is taking a year's leave from practice in the firm of Grow and Devoe.

Sailing from Vancouver, the Grows will touch at West Coast points and Hawaii before arriving in Yokohama. They will be in Tokyo for a week, while Mr. Grow attends the Rotary International convention as delegate from the Cedar Falls Rotary Club, and then will go on to Kyoto, about 400 miles west.

Intending to learn as much as possible of Japanese culture, the Grows will live in a Japanese house, with a Japanese housekeeper, and will eat the food of the country. The children, Sue, Steve and Tom, will attend Japanese schools.

ARCHITECTURE LIKENED TO PRINTING PRESS

Architecture has been called 'the printing press of the ages.' It leaves a record of its doing for subsequent generations to unravel.

So commented Dane D. Morgan, speaking to a Methodist church group in Burlington in February.

Each historical style of architecture rose and fell within its framework of certain basic influences—geographical, geological, climatic, religious, social and historical—Morgan said.

He traced the architectural periods which have affected present design, concluding with the Modern school.

Commenting on present-day trends, Morgan said Americans are too much given to following fads in architecture.

"We see the principles laid down by Wright, van der Rohe, Dudoc, Corbusier, and the others, being made dull and platitudinous in the hands of the unskilled," he said.

HUEHOLT PARTICIPATES IN CHURCH CONFERENCE

Raymond L. Hueholt, Des Moines, represented the profession of architecture at a conference on Building and Equipment for Christian Education sponsored by the Iowa Council of Churches February 17-18 in Des Moines.

SAKELLAR IN AMES


BEDINGER HEADS AGC

W. E. Bedinger, Jr., Sioux City, is the new president of Associated General Contractors of Iowa. Wood W. Weaver, Iowa Falls, and G. A. Parish, Spencer, are vice-presidents, and Irving P. Jensen, Sioux City, treasurer. O. W. Crowley, Des Moines, is executive secretary.

PRODUCERS COUNCIL IS CHARTERED

An Iowa chapter of the Producers Council has been established, and invited corporate members of the A.I.A. in Iowa to the presentation of its charter March 7. C. D. Willcox, Des Moines, is president; Joe Ryan and Ken Swanson are vice-presidents; Roger Stetson, Jr., is secretary and John Bain is treasurer. The organization had 26 charter members, most of whom are manufacturers or representatives of construction material firms.

✓ 37 years of service to Iowa schools
✓ chalkboard specialists
✓ state-wide installation service
✓ natural slate
✓ Johns-Manville "Colorlith"
✓ "Wensco" washable cork tackboard
✓ Gotham aluminum trim and chalkboards
✓ display cases
✓ the only COMPLETE chalkboard line

W. E. Neal Slate Company
1121 Dartmouth Ave., S.E.
Minneapolis 14, Minn.
FE 9-2783
IOWA CHAPTER GAINS TEN CORPORATE MEMBERS

During the past year, ten Iowa architects were elected to corporate membership in the American Institute of Architects. Another is pending.

The men, listed in the directory of the chapter beginning on page 13, are:

James Bentley, Waterloo; Robert C. Broshar, Waterloo; John Galvin, Decorah; Victor Gibson, Waterloo (pending); Richard Goewey, Des Moines; William Huckill, Cedar Rapids; Kenneth Kendall, Des Moines; John Rice, Des Moines; Norman Rudi, Cedar Rapids; Kenneth Steffen and Stephen Stoltz, Ottumwa.

Robert C. Robinson, Council Bluffs, and Charles Zalesky, Cedar Rapids, have retired from practice. A. Hew McCann, formerly of Clinton, has moved to California.

DIRECTORY OF ADVERTISERS

ADEL CLAY PRODUCTS CO. .......... 25
BLUMCRAFT OF PITTSBURGH ....... 15
CENTRAL SOUND SYSTEMS ... 4
DES MOINES STEEL CO. ........... 29
GIBBS-COOK EQUIPMENT CO. ..... 21
GOODWIN COMPANIES .......... 2
IOWA CONCRETE BLOCK & MATERIAL CO. ........ 27
IOWA PAINT MANUFACTURING CO. .. 3
IOWA ASSN. OF PRESTRESSED CONCRETE MANUFACTURERS ...... 12
MARQUARDT CONCRETE BLOCK CO. . 35
MIDWEST CONCRETE INDUSTRIES .... 11
NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION .... 27
W. E. NEAL SLATE CO. ....... 32
OWL'S HEAD ENGINEERING ...... 17
PLAIN TALK PUBLISHING CO. .... 6
PORTLAND CEMENT ASSOCIATION .. 19
PRESCOLITE MANUFACTURING CORP. .... 32
SHEFFIELD BRICK & TILE CO. . 25
SIOUX CITY BRICK & TILE CO. . 34
SIOUX CITY MOSAIC ........ 6
RALPH N. SMITH CO. ........ 6
R. S. STOVER CO. .......... 31
STRUCTURAL CLAY PRODUCTS INSTITUTE .... 36
SWANSON SALES, INC. ........ 10
L. J. SWEENEY ........ 29
UNITED BRICK AND TILE CO. OF IOWA . 34
VINCENT CLAY PRODUCTS ....... 33
WATERITE COMPANY ........ 35
WESTERN MINERAL PRODUCTS CO. .... 23
C. D. WILLCOX .......... 29

EXCITING RED MATTE FACE
MONTEREY and
BEDFORD

Face brick of a soft-toned warm red color and matte texture. The Monterey is the dark range — Bedford is the light range. Can be appealingly used as a solid light or dark surface or blended for a full color range effect. Available in Nominal-8", Norman, SCR sizes. Sample panel and complete information upon request.

EXCLUSIVE DISTRIBUTOR FOR
ELGIN-BUTLER BRICK COMPANY, AUSTIN, TEXAS
RELIANCE BRICK COMPANY, DALLAS, TEXAS
and
NATCO CERAMIC GLAZED TILE CORPORATION
Ask for complete literature or sample panels showing both glazed and unglazed brick of the highest quality.

FORT DODGE, IOWA
Manufacturers of Superior Face Brick, Glazed Tile, Building Tile, and Drain Tile.

OFFICE PHONE
State Bank Building • 37851 • 2½ Miles South of Fort Dodge

FACTORY

VINCENT CLAY PRODUCTS
1914-16
1961

1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961

VINCENT CLAY PRODUCTS
1914-16
1961
PERSONAL & PROFESSIONAL

ALTFILLISCH ANNOUNCES NEW PARTNERSHIP

A new partnership has been announced by Charles Altfillisch, F.A.I.A., and associates in Decorah. The firm is now Altfillisch, Olson, Gray & Thompson. Partners are Altfillisch, Roger M. Olson, Donald L. Gray and Jack D. Thompson, all A.I.A. Offices remain at 126½ West Water Street.

LINDGREN & TAYLOR MOVE

Lindgren and Taylor, formerly at 4058 41st street in Des Moines, have established an enlarged office at 6311 Hickman road, Des Moines.

KEFFER NAME CHANGES

The Des Moines firm earlier known as Karl Kefler Associates has become Atherton-Dean-Herbert. Principals are Thomas J. Atherton, Waldo Dean and Charles E. Herbert. Offices are at 202 Masonic Temple Building, Des Moines.

FIRM OPENS OFFICE

The Kansas City firm of Hollis and Miller, architects and engineers, has opened an office at 120 Council Bluffs Savings Bank Building, Council Bluffs. Its representative, James Lee Amend, has affiliated with the Iowa chapter, A.I.A., as an associate member.

BOYER FEATURED

Roger Boyer, A.I.T., was featured in an article in The Carmina of Delta Sigma Phi fraternity this winter. He has designed two first-place Homecoming displays, two first-place (fraternity division) Veishea floats and two sweepstakes Veishea floats.

The magazine's editor commented that Roger is a member of the A.I.A. (student chapter) and "had one of his projects selected for the cover of the Iowa Architect, a magazine for all working architects in the state of Iowa."

"THREE-DIMENSIONAL HISTORY"

"Three-dimensional history" is preserved in historical buildings, commented Charles van Ravenswaay, director of the Missouri Historical Society, at a conference September 23-24 on the acquisition and use of historical buildings.

Very bygone grandeur — "the early Sears Roebuck" period — is deserving of preservation as a means of understanding the period in which it was popular, he noted.

He was among speakers who traced the pioneer origins of Iowa culture, the architecture which reflects them, and ways and means of preserving and enjoying this tangible heritage.

About 100 persons attended the conference, at Iowa State University at Ames. Lawton Patten, professor of architecture at the University, was chairman; the advisory committee included architects William Wagner and Donovan Kramer, and Dwight Kirsh, honorary member of the Iowa chapter now artist-in-residence at Iowa State.

COLOR and TEXTURE

to stimulate YOUR imagination!

RESEARCH

Has given Iowa Architects these new colors and textures:
- Des Moines Ivories
- Tidewater Face Brick
- Charcoal Black Face Brick
- Antique White Face Brick

STRUCTURAL GLAZED TILE

Representing in Iowa:
ARKETEX CERAMIC CORP.
STARK CERAMICS, INC.
THE CLAYCRAFT COMPANY

ASSURANCE OF QUALITY

SERGEANT BLUFF FIRE CLAY—the only buff burning fire clay deposit of its kind in this area.

"NO EFFLORESCENCE" RATING—Laboratory tests show "no efflorescence" for both Sergeant Bluff Fire Clay Face Brick and United Red Brick!

Sioux City Brick and Tile Co.
Benson Building - Sioux City, Iowa

United Brick and Tile Co. of Iowa
1200 Thomas Beck Road - Des Moines, la.
Social Hall
Westminster Presbyterian Church
1301 Kimball Avenue
Waterloo, Iowa

ARCHITECTS:
Thorson & Brom

CONTRACTOR:
N. H. Hansen Co.
Waterloo, Iowa

One of the many beautiful buildings featuring exposed Concrete Masonry walls . . . for lasting beauty and durability!

MARQUART CONCRETE BLOCK COMPANY
110 Dunham Place — Waterloo, Iowa
Phone ADams 3-8421

Swimming Pool Equipment

○ Vacuum and Pressure Diatomite Filters
○ Zeolite Softeners
○ Chemical Feeders

WATERITE CO.
OMAHA, NEBRASKA
Phone PLeasant 5582

For Information Write or Call
The clay masonry cavity wall is actually two walls, or wythes, separated by a continuous air space 2 to 3 in. wide. These wythes, laid one unit thick, may be of brick, glazed or unglazed facing tile, or structural clay tile. The exterior wythe is usually 4 in., while the interior wythe may be 4 in., 6 in., 8 in., or more, depending on structural requirements. The resulting wall has exceptional insulating qualities, and is totally resistant to rain penetration.

Good as it is, the masonry cavity wall can be made still more efficient in resisting heat transfer by filling the cavity with a suitable insulating material such as water-repellent vermiculite. The addition of the vermiculite more than pays for itself during the life of the building through lowered heating and air conditioning costs. In addition to its total resistance to moisture penetration, the resulting "SCR insulated cavity wall" has a low initial cost, extremely low maintenance costs, and many other qualities which prove that it is, for most uses, head and shoulders above other wall types.

The "SCR insulated cavity wall" offers the designer the opportunity to make use of a full spectrum of colors in varying combinations of brick and tile. Available colors in brick range from black through the traditional maroons and reds to cream and white. A comparable sweep of color is available in tile. Clay masonry units also come in many textures, ranging from fine through medium to coarse, and in a wide variety of shapes and sizes, allowing freedom in the placement of curves and angles. Due to the relatively small sizes of the units, building dimensions are unrestricted.

Design flexibility is emphasized further by a variety of bond patterns. In addition to the well known bonds, common bond, common bond with Flemish headers, Flemish bond, English bond and Dutch bond, the number of contemporary bonds available depends only on the imagination of the designer. Most contemporary bonds are achieved by projecting or recessing units from the principal plane of the wall. Through coordination of color, texture, size of unit and type of bond, the designer can achieve a virtually limitless number of effects.

Possibilities for both exterior and interior wythes include the use of brick, structural clay tile, plastered or exposed, facing tile or glazed brick. Brick and brick cavity are popular when exposed brick interiors are desirable.

For complete information on the "SCR insulated cavity wall", developed by the Structural Clay Products Research Foundation, write or call any of the three offices listed below.