After an exhaustive study of possible building products for their new building in Urbandale, Iowa, the Parker Game Company officials and the architects selected Coral Tan Face Tile in the 5" by 12" face by Mason City Brick and Tile Company. When all facts were analyzed, the choice was the most logical one from all points of view including initial cost, ultimate cost, beauty, maintenance cost, and lasting value. We'll be happy to give you the entire factual story. Just call or write.

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- PASSES 2 hour FIRE TEST
  (Plastered 2 Sides; 1 Hour Unplastered)
- PROVIDES 46 DECIBEL SOUND REDUCTION FACTOR
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- AVAILABLE SMOOTH OR SCORED
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MASON CITY, IOWA
Disposal Plant Uses **FREE** Sewage Gas To POWER CAT* Natural Gas ENGINE

Two Caterpillar* Natural Gas Engines burn free sewage gas to power blowers for the 40-million gallon per day treatment works of the Greater Peoria Sanitary District in Peoria, Illinois. A G397 operates 24-hours a day four days a week during peak load periods to supply air for aeration tanks. A G342 has operated 24 hours a day seven days a week the year around since 1954. Routine servicing requires shut downs of about six hours per month to change oil and filters. Fuel consumption figures from Peoria Sanitary District records show the average sewage gas consumed by these engines has been 7000 BTU/BHP-Hr. with 550 BTU/Cu. Ft. LHV gas.

The G397 was installed in 1957 and has given dependable service ever since. The valves are checked occasionally and have always been found clean with no maintenance expense required.

A CAT Natural Gas Engine has given dependable service for over 32,000 hours at this sewage disposal plant, according to Robert Burns, Operating Engineer. With 27,038 hours on the service meter, it was overhauled by the Greater Peoria Sanitary District mechanics at a total cost for parts of $492.75.

Write or call for complete information on Caterpillar Natural Gas Engines. A Gibbs-Cook Engineer will be happy to give you all the facts — with no obligation. Remember, where gas is available and power is required, Caterpillar Natural Gas Engines are far and away your best buy.

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This new insulation often pays for itself while a building is in the planning stages. Because of its high efficiency, smaller, less costly heating and air conditioning units frequently can be used. Savings on this equipment pays the low cost of Zonolite water-repellent Masonry Fill Insulation.

The approximate installed costs per sq. ft. of insulating walls of different sizes are:

- 10¢ for 6" concrete block or 10" brick cavity walls
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Savings in operating costs were demonstrated in a study of a standard U.S. Corps of Engineers Army Barracks Building, conducted for the Vermiculite Institute by J.N. Pease & Co., architectural and engineering firm of Charlotte, N.C.

It showed that by insulating the walls of a two-story concrete block barracks, an $800 saving could be realized in the cost of the heating plant, thus paying more than half of the cost of the Zonolite Masonry Fill Insulation.

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This unique insulation offers other benefits as important as its economy:

**COMFORT:** Interior wall temperatures are brought closer to skin temperatures. Radiant heat exchange is reduced about 30%, providing greater comfort, winter and summer.

**WATER PERMEABILITY:** Field experience and laboratory tests prove that even if rain penetrates the exterior wythe (and it probably will) water will not be transmitted across the cavity, due to the patented water-repellency feature of the insulation.

**SETTLING:** It doesn’t.

All these characteristics are confirmed in tests conducted by Penn State University and the Structural Clay Products Research Foundation.

You’ll want complete data and specifications on this remarkable new way to insulate masonry walls. Phone your Zonolite Sales Engineer, or write:

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4725 Olson Highway, Minneapolis 22, Minn.
Please send me complete information file (G-158) on Zonolite Masonry Fill Insulation.

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Address _________________________
City ___________________________ Zone ________ State ________

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- SPEEDIER, ALL WEATHER INSTALLATION
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- UNEQUALLED DURABILITY—TESTED IN USE 25 YEARS
- WIDE VARIETY OF SECTIONS AVAILABLE
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3. GLAZE BRICK vs. Common Brick with VISE WALL GLAZE $2,550. SAVING
4. CERAMIC TILE vs. VISE WALL GLAZE applied direct to same surface $1,670 SAVING

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CONTENTS

Editorial .................................................. 8

some went swimming .................................... 9

Legislators hear Bergquist .............................. 10

Architects talk to schoolmen ........................... 10

Regional conference in St. Louis ......................... 12

Two Iowa Architects in national contest ................ 13

DESIGN BY IOWA ARCHITECTS ......................... 17

Redeemer Lutheran Church, Owatonna, Minn.
First Lutheran Church, Hendricks
St. Mary’s Catholic Church, Manchester
St. Thomas Aquinas Catholic Church, Ames
Trinity Methodist Church, Keokuk
Trinity Lutheran Church, Davenport
Reorganized Latter Day Saints Church, Des Moines
First Presbyterian Church, Des Moines
Salem E.U.B. Church, Hubbard
St. John’s Methodist Church, Des Moines
Staves Memorial E.U.B. Church, Des Moines
St. Timothy’s Methodist Church, Cedar Falls
First Congregational Church, Cedar Falls

Self-Employed Retirement Bill .......................... 16

Personal and Professional ............................. 26

THE COVER
Fenestration of these gables in Redeemer Lutheran Church, Owatonna, Minn., is by seeming random pattern of colored panes and colored glass, but control has put predominantly glass on north side. Reversed positions gives predominantly panels on the south. Design by Thorson, Gjelten, Schellberg. See Page 15.
DURING THE SUMMER OUTING in Cedar Rapids, Gerald Griffith's camera caught, top left, chairman Healey pausing for a word with Robison, Russell, Lynch, et al.; Executive committee members Goewey, McKlveen and Frevert leaving the Ox Yoke Inn in Amana; Prof. Wolf studying the woolen mills; Regional Director Thorson, and companions, studying the mellow Amana brick.

Sheffield Tile Beams saved money and speeded up construction on this job!

Meth Wick Manor
Cedar Rapids, Iowa
ARCHITECT:
The Griffith Company
Fort Dodge, Iowa
CONTRACTOR:
Paulson Const. Company
Cedar Rapids, Iowa

The 5-story building above required the use of materials which combined economy and speed of construction with an excellent fire rating. This made Sheffield hard-burned clay tile beams the ideal choice for the horizontal members. During construction, over 130,000 feet of accurately pre-sized Sheffield beams were hoisted into place without a hitch or mis-fit.

SHEFFIELD BRICK & TILE CO. SHEFFIELD, IOWA
SOME WENT SWIMMING both day and night and leisure was the keynote, but three major activities for the Iowa Chapter A.I.A. were outlined as more than 60 persons gathered at the Town House in Cedar Rapids for the 1961 Summer Outing and meeting.

Myron Jensen, A.I.A., of Smith, Voorhees Jensen—Architects Associated, was named, as head of the Practice Committee, to work out a program in conjunction with Iowa State University, and the Dept. of Architecture for a workshop on the subject of Homes for the Aged. The action at Cedar Rapids followed the lead set in the meeting at Ames in April. Exact date for the workshop on Homes for the Aged was not immediately set, but Jensen was instructed to seek a date late in October or one that would not conflict with the Central States Regional Conference in St. Louis.

Scheduling of a December chapter meeting to coincide with the convention of the Master Builders of Iowa won approval of the members attending the business session. Charles Herbert, A.I.A., Des Moines who has been appointed general chairman of the 1962 convention, also was appointed to work out the program for an afternoon meeting to be held Tuesday, December 5 in Des Moines. The date was chosen because many architects from throughout the state are expected to be in Des Moines for the Master Builders meeting. Subject matter for the December A.I.A. meeting is planned to tie-in with the theme of the convention which will be held at the Hotel Savery January 25-26-27, 1962.

In a third step, President Bergquist asked James Bentley, A.I.A., Waterloo, to study the establishment of an actual scholarship program which the chapter can put into action. President Bergquist asked Bentley to have a report ready for consideration at the annual meeting in January.

Graced by good weather for most of the events, the Summer Outing at Cedar Rapids proved a most enjoyable affair for all who attended. Activity began Friday afternoon as golfers stroked their way around the fine fairways and smooth greens of the Elmcrest Country club.

A buffet dinner and dance beside the outdoor pool was the main event Friday evening, with all events and the refreshments lasting just exactly long enough. As the crowd melted away into the comfortable accommodations of the Town House, a thunderstorm cut loose a washing rain.

Coffee and rolls were served Saturday morning as a gesture of welcome by the Cedar Rapids Block Co., and chapter members went into a business session while the ladies enjoyed the poolside facilities.

William Hukill, A.I.A., of Kohlman-Eckman-Hukill, handled the announcing chores as a more-than-capacity bus load of architects and their ladies toured through portions of Cedar Rapids before heading southwest to the historic Amana colonies. Arriving just in time for lunch, the party enjoyed a hearty meal at the Ox Yoke Inn. All looked through the woolen mills before touring other points in the colonies which were founded by a religious sect from Germany more than 100 years ago.

One point of extreme interest was the wine shop, where a large number of the travellers "jugged-up" for later use.

Upon returning from the Amana Colonies, the bus
Legislators hear
President Bergquist

CHAPTER PRESIDENT Ray Bergquist of Dubuque represented the chapter and the profession in an appearance August 8 before the Budget and Financial Control Committee of the Iowa General Assembly.

The appearance before the group known as the "Interim Committee" was at the request of David Dancer, secretary of the Iowa Board of Regents. Mr. Dancer had been asked to provide answers to interim committee members' questions as to why the Board of Regents did not employ an architect as a staff member.

Each member of the Interim Committee was provided with a copy of the A.I.A. pamphlet, "Facts About Your Architect And His Work," as well as the Iowa folder which covers the duties of the architect and the responsibilities of the client. Copies of the folder also were made available to the members of the Board of Regents, and to interested staff members of the Board.

Architects talk to schoolmen

Architects Robert Ramsey, William Wagner, and George Russell, all members of the Iowa Chapter, A.I.A., were principals in a three-way presentation on architecture to more than 20 school superintendents as the schoolmen attended a two-week course at Drake University in July.

The course was supervised by Dr. Arthur Templeton, assistant superintendent of the Des Moines Public Schools.

"Architecture, U. S. A.," and "A School for Johnny" were film presentations used by Ramsey in his talk to orient the superintendents in relation to the architect and his services, and the evaluation of an architect.

William Wagner, in a talk centering on the design of schools, told the schoolmen that the materials had changed, but there had been little true change in school design in more than one hundred years. He told the superintendents that the function of the school should be described to the architect and that the architect should provide the space and accommodations.

Wagner predicted that the "egg carton school—the row of six cubicles on a side—would be replaced" with a school having great flexibility in the use of large or small areas. He expressed a belief that windows would disappear and be replaced by air conditioning. This, he said, would remove outdoor distractions and permit greater concentration on the subject matter. He discussed the matter of the "ungraded" school as presenting a challenge for architects to meet in design, and pointed out that this system is now operating in only a few Iowa elementary schools, and in but one high school.

George Russell, Iowa Fire Marshal Ed Herron and contractor Sy Winberg of Wm. Knudson & Son., Des Moines participated in a panel discussion regarding fire control and prevention in school design in the final session of the series.

All participating architects reported active interest was shown in each phase by the participating superintendents.
NEW ILLUMINATED WALL BRACKET spotlights handrails in corridors and stairways. Incandescent recessed lighting provides added safety and decorative night lighting for:

HOSPITALS • HOMES FOR AGED • THEATRES • HOTELS • SHIPS

Blumcraft OF PITTSBURGH
Thorson urges everybody to attend regional conference at St. Louis, Missouri

Regional Director O. H. Thorson of Waterloo took the floor at the chapter meeting at Cedar Rapids to urge every member who possibly can do so to attend the forthcoming Regional Conference at St. Louis in September.

"There will be plenty of business, but we also will have a fine program throughout," Thorson said. "One evening has been set aside for a visit to the 'Gas Lite Area', and I know everyone will enjoy that. There also will be other tours, including one to the Climatron which all of you know was the first American building to be awarded the Reynolds Aluminum prize.

"All of you should watch for the hotel reservation sheets and the program announcements which will be coming shortly. I know that St. Louis is planning a special warm-up event for Wednesday evening for those who arrive early, and this provides another chance for us to get acquainted with the officers and most active members of the other chapters.

"A special session is being planned for Thursday morning for Chapter Affairs and Institute Affairs and I hope that the Iowa officers will be able to be there."

Thorson also called attention to a much discussed proposal regarding addition, rebuilding, or removal of the Institute from its headquarters in downtown Washington (only about four blocks from the Whitehouse). He said a major discussion is underway which varies from suggestions that the AIA. should dispose of the present quarters (including the Octagon House) and establish a new headquarters outside of the downtown area, to proposals that the AIA build on its present site a building more than ample to serve all its contemplated growth which might also serve as a headquarters for other arts and design groups.

16TH CENTRAL STATES CONFERENCE
AMERICAN INSTITUTE OF ARCHITECTS
September 27, 28, 29, 30, 1961
St. Louis, Missouri

WEDNESDAY, September 27
8:00 P.M.—Registration, Mezzanine Floor
8:30 P.M.—Hospitality Hour—Room 8
9:00 P.M.—Movie "St. Louis—The Fabulous Summer" (Story of the 1904 World's Fair, produced by the Laclede Gas Company)
All Conference sessions will be held in the Ivory Room, Mezzanine Floor, Sheraton-Jefferson Hotel.

THURSDAY, September 28
8:00-11:00 A.M.—Registration, Mezzanine Floor
7:30-9:00 A.M.—Buffet Breakfast for Architects and wives—Boulevard Room, courtesy Inland Steel Products Company
9:30-10:30 A.M.—Institute Affairs. Presiding: Oswald H. Thorson, AIA Central States Regional Director
10:30-11:00 A.M.—Commercial Exhibits and Coffee Break (Coffee and Coke bar, courtesy the Alton Brick Company)
11:00-12:00 Noon—Regional and Chapter Affairs. Presiding: Rex Becker, AIA, Chairman Central States Chapter Affairs Committee

12:00-1:30 P.M.—Keynote Luncheon, Gold Room
Sherry Hour, courtesy Knoll Associates
Welcome by Raymond R. Tucker, Mayor, City of St. Louis and Honorary Member of the AIA
Keynote Address by Edward Durell Stone, FAIA
1:30-2:30 P.M.—"The Challenge of Our Schools"
Burnham Kelley, AIA, Dean of the College of Architecture, Cornell University
Joseph Passonneau, AIA, Dean, School of Architecture, Washington University
Walter A. Taylor, FAIA, Director, School of Architecture, Ohio University
Presiding: Buford L. Pickens, AIA
2:30-3:00 P.M.—Commercial Exhibits and Coffee Break
3:00-4:00 P.M.—Seminar continued
4:00-4:30 P.M.—Commercial Exhibits
4:30 P.M.—Busses depart for tour of historic and contemporary Downtown St. Louis enroute Union Station
5:45 P.M.—Busses depart direct to Union Station
6:00 P.M.—"Old St. Louis" reception and dinner
6:00-7:00 P.M.—Reception, courtesy Carthage Marble Corporation in Great Hall, with entertainment by Dixieland Jazz Band
7:30 P.M.—Buffet Dinner (Southern Cuisine) in Louis IX Room
9:30 P.M.—Busses depart for Gaslight Square
10:00 P.M.—Private show at Crystal Palace, featuring Phil Foster, the Brooklyn comedian

FRIDAY, September 29
9:00-10:00 A.M.—"The Challenge of the Package Dealer"
Grayson Gill, AIA
Vincent G. Kling, AIA
Herbert C. Millkey, AIA
Ralph O. Mott, AIA
Presiding: John Sweeney, AIA, President St. Louis Chapter, AIA
10:00-10:30 A.M.—Commercial Exhibits and Coffee Break
10:30-11:30 A.M.—Seminar continued
11:30-1:30 P.M.—Luncheon of your choice
Chapter Affairs Luncheon at Hotel, or Garden Luncheon with Ladies at Missouri Botanical Gardens with tour of "Climatron"
1:30-2:30 P.M.—"The Challenge of Urban Design"
Frederick H. Blair, Jr.
Patrick Horsebrough
George McCue
Presiding: Emmet Layton, AIA, President Missouri Valley Chapter ASLA
2:30-3:00 P.M.—Commercial Exhibits and Coffee Break
3:00-4:00 P.M.—Seminar continued
4:00-5:00 P.M.—Commercial Exhibits
5:00 P.M.—Busses depart for tour of historic and contemporary St. Louis County enroute Monsanto Chemical Co.
6:00 P.M.—Tour of Monsanto Chemical Company
6:30 P.M.—"New St. Louis" reception and dinner
6:30-7:30 P.M.—Reception, courtesy St. Louis Chapter Producers Council
7:30 P.M.—Dinner (German Cuisine)
8:30 P.M.—Address, Joe Holland, St. Louis Post-Dispatch
9:30-10:00 P.M.—Busses return to Hotel

SATURDAY, September 30
9:00-10:00 A.M.—"The Challenge of Public Relations"
Robert R. Denny
John Murphy, AIA
Gerre Jones
Presiding: Gerhardt Kramer, AIA
10:00-10:30 A.M.—Coffee Break
10:30-12:00 Noon—Seminar continued
12:00 Noon—Adjournment
—Recommended for a Longer Visit—
SATURDAY NIGHT, September 30—"Goldenrod" Showboat
SUNDAY, October 1—City Art Museum and Forest Park Zoo (including Animal Shows)
MONDAY, October 2—American Theatre—"The Music Man" (opening night)
TUESDAY, October 3—Veiled Prophet Ball (white tie)
WEDNESDAY, October 4—Veiled Prophet Parade
Sorry . . . The St. Louis Cardinals are playing their last two games of the season in Philadelphia on Saturday and Sunday.
The Municipal Opera in Forest Park closes for the season in early September.
Two Iowa architects in national contest

Work of two Iowa architects is an important part of a program to call attention to possibilities in the use of concrete as a home-building material, and newly designed homes will be completed for showing the week of September 23 as a part of the national Parade of Homes.

Keith Lorenzen, A.I.A., Waterloo, and the firm of Bergland and Bianco, A.I.A., Mason City, participated in the program by the design of "Horizon Homes" in which the use of concrete and concrete products is featured. The program is being conducted in cooperation with the A.I.A., the National Association of Home Builders and with the Portland Cement Association as co-sponsor. The National Concrete Masonry Association and the National Ready Mixed Concrete Association also are major participants.

One phase of the program is an architectural competition which will have as its first prize a trip for the architect and his wife to any place in the world.

An unusual feature of the Waterloo Horizon Home designed by Lorenzen is the use of pre-stressed concrete T-beams in the floor system, believed to be the first use of such beams in a residence in Iowa. These eight-foot wide beams, polished to satin smoothness on the bottom, form the ceiling to the basement as well as creating a creak-proof base for the main floor. After the 4- to 6-ton beams were hoisted into place by a crane, electrical and heating conduits were placed, then a two-inch layer of concrete was placed over the T-beams to finish the house floor. The beams are from 23 to 30 feet long.

The design calls for the use of Lowell Stone concrete masonry units on the exterior, with varied uses of concrete masonry and Shadowal construction on the interior. Decorative screen walls, masonry concrete carport patios and fireplace are other points of interest of the residence.

The Waterloo Horizon Home is at 1116 Rachael Street, Waterloo. The house is being constructed by Walker Building Co., of Waterloo. The Ready Mix sponsor for the house is the C. W. Shirey Co., Waterloo which produced the pre-stressed T-beams.

The Marquart Concrete Block Co., Waterloo, is the Concrete Masonry sponsor of the home and is producing or supplying the concrete masonry products being used in the home.

Robert Bergland of Bergland and Bianco, has been in charge of the Mason City project, which has as one of its features a fallout shelter being constructed in the basement.

Prestressed concrete beams are used to support the ceiling of this residence with Perlite slabs between the beams. The floor system also uses pre-stressed concrete beams on four-foot centers, with a poured layer completing the floor.

Partitions are lightweight (Haydite) block construction, and various designs of Shadowal are used for accent. Concrete solar screen wings extend from one side of the house.

Slump brick is used extensively on the exterior.

The Mason City house is located at 1660 8th St., S.W. in the Meadowbrook addition and is being built by Larry Ewers and Wayne Pope who are representa-
Above: Screening which will project from the side of the residence and a portion of the base are visible in this photo made as the pre-stressed roof beams were hoisted into place at the Mason City home.

Right, top: Keith Lorenzen, (at lower right) watches as one of six pre-stressed T-beams swing into place in the Horizon home he designed at Waterloo, the first in Iowa to use the T-beams as floor. The center photo shows the T-beams in place before the conduits were laid, and the bottom photo shows the concrete layer partially in place over the beams.

tives of the National Association of Home Builders. The Ready Mix sponsor is the Andrews Concrete Products and Supply Co., of Mason City, and the Concrete Masonry sponsor is the Zeidler Concrete Products Co. of Clear Lake.

Regional and National winners in the architectural portions of the contest will be honored at the National Association of Homebuilders convention in December and again at the 1962 A.I.A. Convention.

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Auditorium
Allison - Bristow
Community School

ARCHITECTS:
Toenjes & Stenson

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Some of the 100 architects, engineers and contractors who lined up for dinner of charcoal-broiled steaks as a climax to a plant visit at Chariton sponsored by the Johnson Machine Works and the Iowa Concrete Block & Material Co. July 27. Three bus-loads of passengers departed from Des Moines and visited the machine shop and fabricating plant of the Johnson company at Chariton. The tour was the first sponsored by the firm since a fire destroyed its fabricating plant in 1954, and the visitors walked through the present quarters.

Hosts for the Johnson Machine Works were Russell S. and Ellsworth A. Johnson, owners and Bob Johnson, Chief Engineer, as well as Sales Engineer Ralph Price and Leo Kovacevich. Hosts for the Iowa Concrete Block & Material Co. were Roger Stetson, "Scotty" McDonald, and Warren Liljegren.

The party—and all who attended—were well organized, and the event was enjoyed by all.

Below: Host Russell Johnson, left, ponders as he talks with a group of architects.

Committee seeks projects to visit

The committee in charge of planning a proposed new administration building at the State College of Iowa, Cedar Falls, is interested in visiting recently completed office-type buildings designed by Iowa architects.

Architects who have a project of this type which they would like to call to the attention of the committee are invited to contact Marshall R. Beard, Registrar, State College of Iowa, Cedar Falls.

President Will supports house bill for self-employed retirement

A.I.A. President Phil Will, Jr., presented the following statement to the Senate Finance Committee in support of a measure which would permit self-employed persons to place a portion of their incomes in retirement trust with tax deferment on that portion of their income.

“The American Institute of Architects again wishes to go on record in support of H.R. 10, the Self-Employed Individuals Retirement Act. With a membership of more than 14,000 registered architects assigned to chapters throughout the country, the Institute represents the majority of the practicing architects in the nation and is qualified to speak in behalf of the profession.

“Over the years Institute representatives have appeared before Senate and House committees to urge adoption of this legislation. Most recently, in June 1959, Marcellus Wright, Jr., of Richmond, Virginia, urged the Senate Finance Committee to give favorable consideration to H.R. 10 'in the interest of equity with other tax paying citizens.' He concluded his statement with the plea, 'We ask no gifts but only justice in means of income deferment for proper spread and balance.'

“We are aware that this committee reported the measure favorably in the last session of Congress, but unfortunately it did not come up for a vote prior to the end of the session. We therefore urge the committee to act promptly and again make a favorable report in the hope that the bill may go to the floor of the Senate and be considered at an early date.

‘In closing, we repeat that the architects of this country are not asking for special dispensation. They seek, along with many millions of other self-employed persons, only the same treatment given to employed persons who are granted tax deferment on a limited portion of their income set aside for retirement.”

C A L E N D A R

Return Date for 35 mm. Film Sept. 10
AASA Exhibit Entry Blanks due September 15
Industrial Building Exposition & Congress, New York Coliseum Sept. 25-28
Regional Conference, St. Louis Sept. 27-30
Producer’s Council Outing Oct. 6 (tentative)
Homes for the Aged Seminar Date in late October to be set
Iowa Honor Awards Entry Forms Nov. 1
Chapter Meeting, Des Moines Dec. 5
Honor Awards Submissions Jan. 22, 1962
Chapter Convention Jan 25-27
REDEEMER LUTHERAN CHURCH, OWATONNA, MINNESOTA. THORSON, GJELTEN & SCHELLBERG, FOREST CITY.

First Lutheran Church, Hendricks. Thorson, Gjelten & Schellberg, Forest City.

Design
by Iowa Architects
ST. MARY'S CATHOLIC CHURCH, MANCHESTER. PEIFFER & ASSOCIATES, CEDAR RAPIDS.

DESIGN
BY IOWA ARCHITECTS

ST. MARY'S CHURCH. Warm, earth brown brick inside and out with white acoustical ceiling. Imported chipped glass window 60 by 27 feet behind the altar forms the entire rear wall. There are no steps into the building, which will seat 704 on the main floor. Rectory has accommodations for three priests and parish offices, plus housekeeper's apartment. Steel frame on poured concrete foundation; bronze window and door frames. Construction planned: Spring 1962.

ST. THOMAS AQUINAS. Tall open glass wall facing Lincoln Way permits passers-by to see into the long narrow church. The altar is in center with seating for 1,000 on both sides and entrances at each end. Art glass windows are on east and west. Laminated roof beams; acoustic ceiling; concealed down lighting. Construction planned: Spring 1962.
TRINITY METHODIST CHURCH, KEOKUK. ARCHITECTS ASSOCIATED, DES MOINES.

TRINITY METHODIST, KEOKUK—Roofed by a thin shell concrete hyperbolic paraboloid 86 feet by 144 feet, the sanctuary of this church seats 450 people. The education wings extend at angles of 30° and 60°. Centerline of the wings, chapel and church terminate on the cross in center of a two-story Garden Tower, which will contain in season and out-of-season blooming plants and shrubs. The church, under construction on a 17 acre sloping, wooded side, has 2,500 square feet of ground floor for future educational expansion. Heated by electricity; total cost $465,000. Completion date: Spring 1962.

TRINITY LUTHERAN, DAVENPORT. Exterior materials are face brick, exposed aggregate precast concrete, colored glass and stone. Interior materials are plaster, wood, exposed aggregate concrete, laminated wood beams and deck, asphalt tile and terrazzo. The church will seat 600; included are a chapel, balcony and full basement. It will connect existing parochial school and church offices. Estimated cost: $300,000.

TRINITY LUTHERAN CHURCH, DAVENPORT. LOUIS C. KINGSCOTT & ASSOCIATES, DAVENPORT.
REORGANIZED LATTER DAY SAINTS, DES MOINES. WETHERELL-HARRISON-WAGNER, DES MOINES.

REORGANIZED LATTER DAY SAINTS. Translucent aluminum grid and plastic skin panel fenestration in face brick exterior. Roof construction is laminated wood beams with exposed deck and joist. Large structure to right houses sanctuary and chancel on first floor; fellowship hall, choir room and mechanical department are in basement. Structure at left contains auditorium overflow, chapel, minister's office suite. There are nine Sunday School classrooms. Hot water heat.

FIRST PRESBYTERIAN CHURCH, DES MOINES. WETHERELL-HARRISON-WAGNER, DES MOINES.

FIRST PRESBYTERIAN CHURCH. Sanctuary roof is laminated wood beams and exposed wood deck. An educational wing is at the left. Exterior is brick with limestone trim. Heating by hot water; church office and pastor's study air conditioned; provision made for addition of sanctuary cooling unit. Under construction.

DESIGN
BY IOWA ARCHITECTS
SALEM E.U.B. CHURCH. Complete new church will seat 320. It will include nave, Sunday school wing and fellowship hall. Cost: $200,000.

ST. JOHN'S METHODIST. First unit of new church building. Masonry construction, lannon stone exterior, covered walkway and tower. Interior has laminated wood roof supports with wood rafters, a wood framed window wall and wood paneling. There are six classrooms, an assembly room, chancel and nave to seat 200, kitchen, and study. Acoustic tile on main floor ceilings. Cost: $61,616.

STAVES MEMORIAL E.U.B. CHURCH. One story building houses nave which seats 400, two choirs and combination overflow and fellowship hall. A chapel seats 100. There are also pastor's study, office, workroom, kitchen and classrooms and covered entries and walkways. Masonry walls; laminated wood roof. Painting, floor tile, kitchen cabinets, landscaping, walks and drives will be furnished by owner. Classrooms will be added later; an existing church building provides facilities now. Cost: $117,060.
ST. TIMOTHY'S METHODIST CHURCH, CEDAR FALLS. KEITH LORENZEN, WATERLOO.

ST. TIMOTHY'S METHODIST, CEDAR FALLS. First thin-shell dome of its kind built in United States, to knowledge of designer, Keith Lorenzen. Hyperbolic paraboloid roof of thin-shell concrete covers circular sanctuary 60 feet in diameter. Roof is supported at three points, forming a triangle with points 40 feet across. Congregation is able to worship close to altar; choir is elevated behind central pulpit.

FIRST CONGREGATIONAL CHURCH, CEDAR FALLS. HENRY & BROSHAR, WATERLOO.
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A national organization to improve and extend the uses of concrete.
Located just north of the old Chicago Water Tower is a new motor hotel faced with 858 window frames cast of \( \frac{3}{4}'' \) milky quartz exposed aggregate. The 3'-6" x 8' x 17" frames were cast in West Des Moines. The window frames are redwood with an aluminum hopper sash.
First Film returns

FIRST RETURNS from the 35mm film which the chapter sent to each firm have been received, with Tinsley, Higgins, Lighter and Lyon taking honors in the field.

The pictures received include interiors as well as exteriors and represent some additional pictures which the firm selected from its file of color slides.

The film, distributed during May, was intended to act as a "needle" to call attention to the chapter plan for collecting photographs of Iowa architecture which then can be collected into one or more sound-color films through photographic processing.

Persons making pictures for this series are requested to make more than one picture of a building and to make pictures from varying distances and angles, or of various features of the structure. The chapter is hoping to get some 1,200 color slides from this venture, from which it is hoped that 100 to 120 slides can be chosen on each of several types of building for use in 14 minute sound-color films. Narration and musical background will be supplied.

As this magazine went to press a second roll of film had been received from the firm of Brown and Healey, Cedar Rapids.

Film has been received from R. C. Whitaker, and Charles Richardson, both of Davenport.

AASA Deadline September 15

The 1962 School Building Architectural Exhibit, sponsored by the American Institute of Architects and the American Association of School Administrators, will be held at Atlantic City, February 17-21.

Entry blanks, accompanied by fee for exhibit space, must be received in AASA office by September 15, 1961. The Iowa chapter office has a few blanks for any architect who may have missed the A.I.A. mailing.

All entries must be submitted by registered architects or landscape architects. Eligibility is not limited to A.I.A. members.

The contest covers public, private or parochial school buildings for all grade levels up to and including the 14th grade, erected or under contract for erection since January 1, 1959.

On receipt by AASA of entry blank and fee, each entrant will be mailed a binder for each building or project in which preliminary screening material should be submitted.

Each mount or model submitted (maximum two buildings or projects) requires a fee of $25.
PERSONAL & PROFESSIONAL

BIANCO TO IOWA EXAMINERS BOARD

Harold F. Bianco, A.I.A., Mason City, has been appointed by Governor Norman Erbe to the state board of architectural examiners for a term ending June 30, 1966. Bianco has been in practice in Mason City since 1949.

EVENT SERIES PLANNED BY PRODUCER'S COUNCIL

President C. D. Willcox of the Iowa Chapter Producer's Council has announced his group plans to hold its first annual Summer Party October 6.

"This will be a special outdoor fun party, and we are trying to pick a date that won't be sweltering hot, and also one which does not conflict with other events on our calendars," Willcox said.

Willcox also reported that Ken Swanson, PCI vice-president who is in charge of programs, is making arrangements for an October seminar on the subject of "Roofing."

Other seminars planned during the months ahead, include a November meeting on "Lighting," and the second of several discussions on "Specifications" will be held in February.

A three page summary of discussions and conclusions from the first seminar on "Specifications" is now being distributed to all who attended that meeting. Some 87 persons were present. Those interested in obtaining copies of the discussion summary may address requests to Willcox at the C. D. Willcox Co., S.W. 6th & Murphy, Des Moines.

HERBERT FORMS PRACTICE


Principals will be Herbert, who for five years has been a partner in Atherton-Dean-Herbert Karl Keffer Associates, and John P. Locke, who has for four years been a project planner with the same firm.

Deadline
Iowa Honor Award Entry Blanks November 1

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ENGLISHMAN WANTS IOWA POSITION

The Iowa Chapter, A.I.A., has received a letter from a young Englishman who wishes to work in an architectural office in Iowa.

Brian Riley, of near Exeter, Devon, England, is approaching final R.I.B.A. standards (Royal Institute of British Architects). He then wishes to emigrate to Iowa and work in an architectural office here.

Firms interested in contacting Mr. Riley are invited to inform the chapter office.

FIRM INTRODUCES NEW PLASTER

A new, integrally colored acoustical plaster is being introduced to the Upper Midwest market by Western Mineral Products Co., Minneapolis vermiculate processors, Harvey W. Steiff, vice president, announces.

The material, named "Hi-Sorb Acoustical Plaster," originated in California and is being used in schools, hospitals, office buildings, homes and churches. Steiff said it has a wide range of color, rich, velvety texture, a durable finish and excellent sound-absorbing qualities.

Because the material is suitable to machine application, actual job application time is less, color is uniform and the surface is free of imperfections, Steiff declared. The material can be sprayed from the floor to ceilings as high as 12 feet without the use of scaffolding.

Steiff described the material as having a surface which resembles carpeting, has high coverage and is fire resistant. It may be applied over gypsum plaster, portland cement-lime basecoat, monolithic concrete, or any other basecoat that is clean, level, sound and not painted with a water soluble paint.
**DIRECTORY OF ADVERTISERS**

<table>
<thead>
<tr>
<th>Advertiser Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADEL CLAY PRODUCTS CO.</td>
<td>28</td>
</tr>
<tr>
<td>BLUMCRAFT OF PITTSBURGH</td>
<td>11</td>
</tr>
<tr>
<td>COTA INDUSTRIES</td>
<td>6</td>
</tr>
<tr>
<td>DES MOINES MARBLE AND MANTEL CO.</td>
<td>26</td>
</tr>
<tr>
<td>DES MOINES STEEL COMPANY</td>
<td>35</td>
</tr>
<tr>
<td>GIIBS-COOK EQUIPMENT CO.</td>
<td>3</td>
</tr>
<tr>
<td>GOODWIN COMPANIES</td>
<td>2</td>
</tr>
<tr>
<td>IOWA CONCRETE BLOCK AND MATERIAL CO.</td>
<td>26</td>
</tr>
<tr>
<td>IOWA PAINT MANUFACTURING CO.</td>
<td>33</td>
</tr>
<tr>
<td>LOWELL STONE PRODUCTS OF IOWA, INC.</td>
<td>35</td>
</tr>
<tr>
<td>MARQUART CONCRETE BLOCK CO.</td>
<td>14</td>
</tr>
<tr>
<td>MIDWEST CONCRETE INDUSTRIES</td>
<td>24</td>
</tr>
<tr>
<td>NATIONAL ELECTRICAL CONTRACTORS</td>
<td>27</td>
</tr>
<tr>
<td>W. E. NEAL SLATE CO.</td>
<td>34</td>
</tr>
<tr>
<td>OWL'S HEAD ENGINEERING</td>
<td>5</td>
</tr>
<tr>
<td>PORTLAND CEMENT ASSOCIATION</td>
<td>23</td>
</tr>
<tr>
<td>PRESCOLITE MANUFACTURING CO.</td>
<td>34</td>
</tr>
<tr>
<td>SHEFFIELD BRICK &amp; TILE CO.</td>
<td>8</td>
</tr>
<tr>
<td>SIoux CITY BRICK &amp; TILE CO.</td>
<td>30</td>
</tr>
<tr>
<td>SIoux CITY MOSAIC</td>
<td>32</td>
</tr>
<tr>
<td>RALPH N. SMITH CO.</td>
<td>32</td>
</tr>
<tr>
<td>R. S. STOVER CO.</td>
<td>31</td>
</tr>
<tr>
<td>STRUCTURAL CLAY PRODUCTS</td>
<td>36</td>
</tr>
<tr>
<td>SWANSON SALES</td>
<td>15</td>
</tr>
<tr>
<td>L. J. SWEENEY</td>
<td>29</td>
</tr>
<tr>
<td>VINCENT CLAY PRODUCTS</td>
<td>29</td>
</tr>
<tr>
<td>WATERITE COMPANY</td>
<td>27</td>
</tr>
<tr>
<td>WESTERN MINERAL PRODUCTS</td>
<td>4</td>
</tr>
<tr>
<td>C. D. WILLCOX AND COMPANY</td>
<td>29</td>
</tr>
</tbody>
</table>

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PERSONAL & PROFESSIONAL

HONOR AWARDS DISPLAY
The Iowa Chapter, A.I.A., has purchased a set of reproductions of the 1961 Honor Award Winners which were announced earlier. Upon receipt of the large reproductions, the chapter will make them available to members, educational groups, art centers or others who might wish to display them. Requests for the display may be directed to the chapter office.

NEW CORPORATE MEMBERS OF IOWA CHAPTER
The Iowa Chapter has welcomed the following architects who have been elected members of the American Institute of Architects:

Karol Jan Kocimski, professor of advanced design at Iowa State University in the Department of Architecture & Architectural Engineering. Prof. Kocimski, born in Krakow, Poland, is a naturalized citizen of the U.S. and was one of 22 winners of Honorable mention in the Franklin Delano Roosevelt Memorial contest.

James M. Duffy, an associate in the firm of William Beuttler & Son, Sioux City.

John C. Galvin, in the firm of Altfillisch, Olson, Gray and Thompson, Decorah.

Gerald D. Germanson, principal in the firm of Germanson & Foss, Sioux City.

Victor P. Gibson, principal in the firm of Deuth and Gibson, Waterloo.

William R. Meehan, principal in his Des Moines firm.

Thomas C. Porter, in the office of N. Clifford Prall, Des Moines.

MARTIN TO BOONE
William L. Martin, A.I.A., who formerly was located with the firm of Martin and Reister at Colorado Springs, Colo., has announced he will open a practice at Boone. He is a 1949 graduate of Iowa State University. He is registered in Iowa and Colorado.

LET ALL OF US IN
The heading on this brief article is the same as that on an article written by a member of the national Indoor Sports' Club which is an organization comprised of physically handicapped people. The article presents the case of those who, because of a physical handicap, cannot negotiate stairs, revolving doors, and other obstacles.

The purpose of the article is to call attention of designers to the need for at least one ground level entrance or ramp for every non-residential structure, and doorways at least 28 inches wide to permit passage of a wheelchair.

Persons desiring additional information regarding the club or the architectural problems of the handicapped may write Lois Bates, Architectural Design and Building Code Committee Chairman, Iowa Indoor Sports, 1340 S.W. Herold, Des Moines 15, Iowa.
IOWA DESIGN FEATURED IN STEEL DIGEST

A design by an Iowa Architect and the girder produced by a Des Moines firm have attracted attention in two publications. Steel Construction Digest has reprinted an article written by L. A. Perdue which first appeared in Civil Engineering, December, 1960.

Perdue, of Pittsburgh-Des Moines Steel Company, described the production of the 84-foot-long girder which holds up four floors and the roof of the five-story addition to the Bankers Trust Company building on Locust Street between Sixth and Seventh streets in Des Moines. Perdue's article covers the construction of the girder, and the problems solved in transporting it to the building. It was raised by the use of jacks of the type used for lift-slab construction.

The big member is actually a double plate girder 15 feet 9\(\frac{1}{2}\) inches deep and 84 feet long. It was fabricated and moved to the site as two separate girders. There it was bolted together and raised into position.

Brooks-Borg are the architects-engineers, steel was fabricated by the Pittsburgh-Des Moines Steel Co., construction was a joint venture of the Weitz Company and Ringland-Johnson, Inc., both of Des Moines.

TO COMMITTEE

Prof. J. Wayne Deegan, head of the Mechanical Engineering Department, University of Iowa, has been appointed to serve on a Jury of Awards for the $25,000 Progress in Arc Welding Design sponsored by the James F. Lincoln Arc Welding Foundation. The program is sponsored to expand knowledge and experience in the efficient use of arc welded steel in the manufacture of machines and structures. The jury will make 38 awards in structural design and 38 in machine design.

PERSONAL & PROFESSIONAL

STUDY TOUR ANNOUNCED

Havana is not among points of interest in Central America which are mentioned in the first announcement of the technical study tour which will follow the 1962 A.I.A. convention in Dallas. The convention runs from May 7 to 11.

The tour, beginning May 12, will cover Guatemala, El Salvador, Honduras, Costa Rica, Nicaragua and Panama.

The folder does not even mention unscheduled trips to Havana.

IOWA PROGRESS CITED

Progress of the Iowa Chapter won favorable comment from the Chicago Chapter, A.I.A. in its regular publication, "The Inland Architect."

The neighbor chapter drew its article from a report prepared by Iowa's Past-President Eugene O'Neil and Vice-President Robert Savage.

The Iowa activities were called to the attention of the Chicago Chapter by a headline on the front cover of the publication.

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ST. LOUIS CONTEST SET FOR REGIONAL CONFERENCE

The St. Louis Chapter, A.I.A., announces the Central States District Competition to be held Sept. 27-30, in connection with the 16th Central States Conference.

Competition is open to members of any of the six chapters in the region, with awards to be made in the following classifications: religious, education, institutional, civic and recreational, industrial and commercial, residential, and special purposes.

Entries are due in the office of the Competition Committee Chairman, Donald L. Freeman, 105 Crandon Drive, Clayton 5, Mo., by Sept. 10.

Projects completed after Jan. 1, 1960 and/or those scheduled and under contract by August 1, 1961 are admissible. Entries, either photographs or renderings, shall be mounted on white matting, no smaller than 20" x 30" and no larger than 40" x 40".

Instructions for the competition say: Each entry shall be clearly marked with name and address of building on the face; the Architect's name shall be enclosed in a plain, white envelope and attached to the back of the mat. On the outside of this sealed envelope write the Category in which the project is to be entered.

URBAN PLANNING REPRINTS

Reprints of “Downtown Philadelphia: A Lesson in Design for Urban Growth” have been received from Emerson Goble, A.I.A., editor of Architectural Record and are available in limited quantity for distribution to city planning officials in Iowa’s major cities.

The reprints were requested by the Iowa Chapter for officials in Des Moines and additional copies were supplied for use in other cities. Chapter members wishing that reprints be made available to their city should contact the chapter office, 422 Securities Building, Des Moines 9, Iowa.

EXAMINERS CHOOSE GRIFFITH SECRETARY

Gerald I. Griffith of Des Moines was elected secretary of the Iowa Board of Architectural Examiners as the group met July 28. J. Woolson Brooks, F.A.I.A., Des Moines, was re-elected chairman.

Members of the board at the time of the meeting were: Brooks, Griffith, O. H. Thorson, Waterloo, and Charles Richardson, Davenport.

The Board announced that its next examinations would be given at the Iowa Capitol, October 24-27 inclusive.

Mrs. Jacqueline Day has succeeded Mrs. Susan Weresh as secretary to the Board and handles the day-to-day contacts from offices located on the third floor of the capitol. The board office may be reached by passing through the Senate Chamber and climbing a flight of stairs to the third floor.

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SAFETY ZONE PAMPHLET

With attention being more often directed to the subject of safety from natural disasters such as tornadoes, hurricanes and earthquakes, a new pamphlet entitled “Safety Zone Within Your Home” has been produced by the Structural Clay Products Institute.

The pamphlet shows construction details for a reinforced brick masonry safety zone which would serve as a regular room in the home during normal times and as a place of refuge in an emergency. The details have been approved by the Office of Civil and Defense Mobilization.

Free copies of the pamphlet are available from; Safety Zone, S.C.P.I., 1520 18th St., N.W., Washington, D.C.

A.I.A. SEEKS DATA ON HOMES FOR AGED

A newly formed A.I.A. Committee to study construction of homes for the aged and for senior citizens has been formed, reports Regional Director O. H. Thorson of Waterloo who asks that Iowa architects who have designed such structures comply with a request from the committee for data on these buildings.

George Kassabaum, A.I.A. of St. Louis and Angus McCallum, A.I.A., of Kansas City are the committee members, and they have issued a call for the following information:

1. Photographs or perspective.
2. Floor plans.
3. Statement regarding area of site and area and volume of buildings.
4. Statement regarding proximity of project to community facilities.
5. Statement regarding special considerations and features that make the project unique in its solution of needs of the aging.
6. (Hopefully) Data on operating costs if the project has been completed.

Mr. Kassabaum reports the solutions will be classified originally as:

a) Facilities for the self-sufficient.

b) Facilities for the ambulatory, but at least occasionally needing medical, homemaking or food assistance.

c) Facilities for those needing rehabilitative care.

d) Facilities for those chronically ill.

e) Facilities for the senile.

Kassabaum expressed the hope of receiving a generous number of examples from this region.

NEW FIXTURE SERIES

The Astralume Recessed Series of incandescent lighting fixtures announced by Prescolite Manufacturing Corporation permits the use of lamps of up to 300 watts. The new units, covered by U.S. Patent No. 2,826,684, feature a shallow silhouette with glass extending less than three inches below the ceiling, but permitting vertical lighting. The Thermopal glass is supported by a counter-balanced hinge mechanism which shows no visible means of support but permits ready relamping. Details are available from the manufacturer.
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P.O. Box 182 Marshalltown, Iowa Telephone 2-1327
The Structural Clay Products Research Foundation has completed an eight year study, which proves that the use of the “SCR masonry process” permits more building at less cost, in spite of the rise in material prices.

The Foundation conducted a two-city test to find the effects of the SCR masonry process. In Milwaukee, Wisconsin, the “SCR masonry process” is used extensively. In Rockford, Illinois, it is not.

Both cities have much the same composition. The basic difference is that Rockford is about one-tenth the size of Milwaukee.

After the study, it was noted that during the eight year period the masonry bid prices in Milwaukee fell about 20 percent, while in Rockford, they rose approximately 20 percent. During this time, labor wages in both cities, increased about 30 percent and brick prices rose between five and ten percent.

In 1959, brick construction was used in 59 percent of the Milwaukee housing market, an increase of about 100 percent since 1952. Brick homes in Rockford claimed only 35 percent of the market, an increase of only 40 percent over the same period. The national increase was 50 percent.

What does this prove? When the “SCR masonry process” is used in any type of construction, costs go down. When costs go down, the market for any product is increased.

To find out how the “SCR masonry process” with its corner poles, to keep the courses level and the corners straight, the marked line to automatically bond the wall, and the adjustable scaffold to allow the bricklayer to work at waist-height can be used for either single or multi-story construction—just call or write. We’ll be happy to provide full information on this cost saving development of the Structural Clay Products Research Foundation.

*REG. T.M., PAT. PEND. SCCPF

**FIRMS DISPLAYING THIS EMBLEM

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