

IOWA ARCHITECT

Official publication of

IOWA CHAPTER

AMERICAN INSTITUTE OF ARCHITECTS



SEP 1 1959

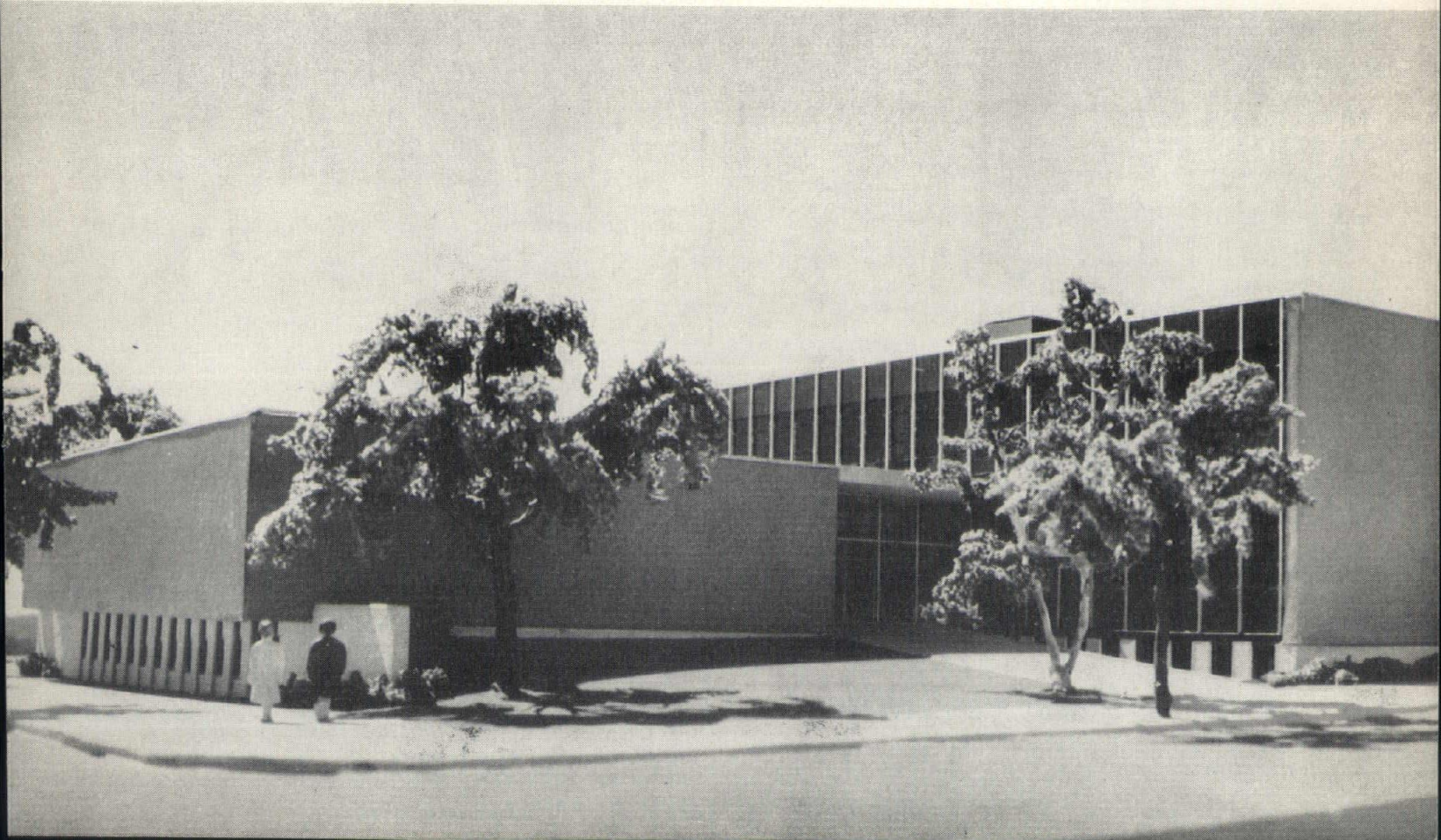
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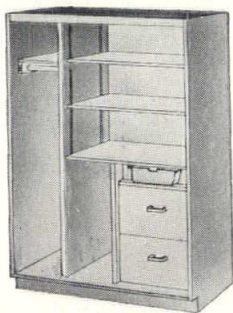


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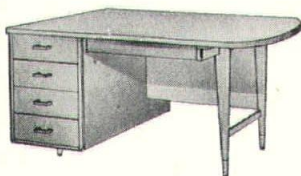
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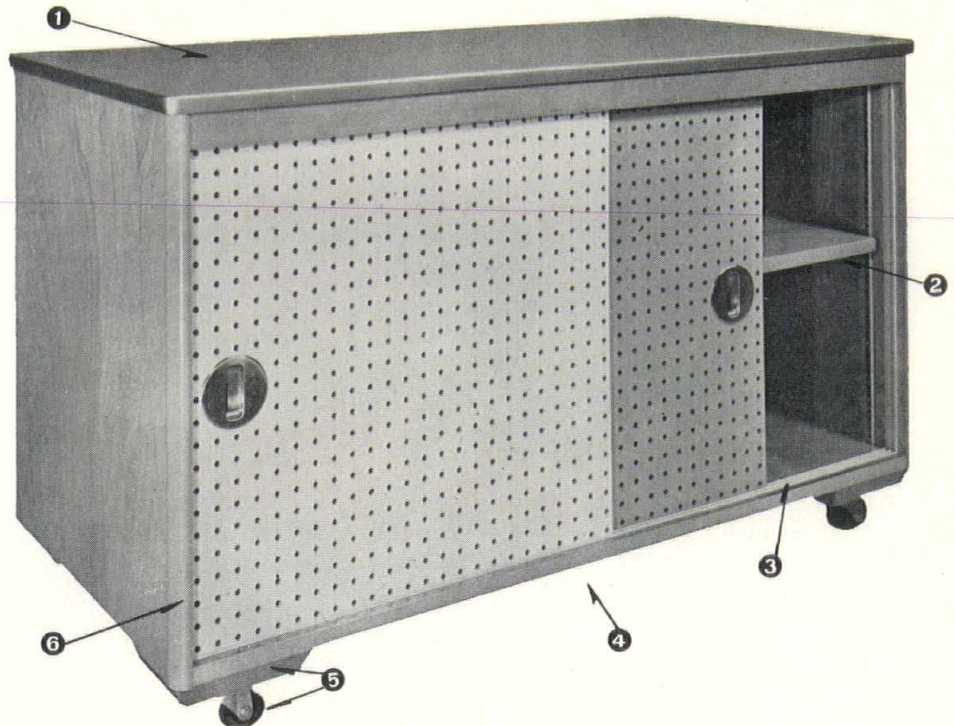
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Tudors

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FRILEY HALL, IOWA STATE UNIVERSITY, AMES, IOWA
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Five additions to Friley Hall have been made since the original structure was built over 30 years ago. Each of these additions featured Tudors face brick by Des Moines Clay Company.

Tudors is a sand textured brick of distinctive charm. A mixture of light reds, medium reds and reddish purples, with an overall purplish cast, this blend presents a cool, refreshing appearance.

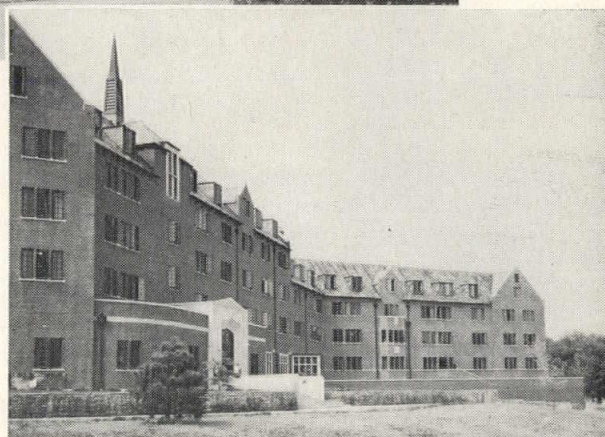
The brick for each unit, because of its very nature, match exactly the previous units. The architect selected mortar color to blend with former additions, thus the overall effect is one complete building erected at one time.

Complete information and sample panel of this distinctive face is available upon request.

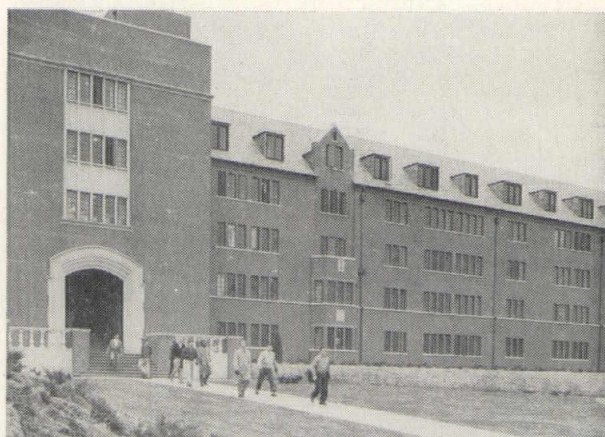


NEW SUN-DANCE

If you haven't seen the new Sun-Dance, warm, buff and tan wire-cut face brick by Ottumwa Brick and Tile Company, please contact us for a sample panel. It's new, unusual, and charming.



Above: Southeast area, the second addition.
Below: South area, the third addition.



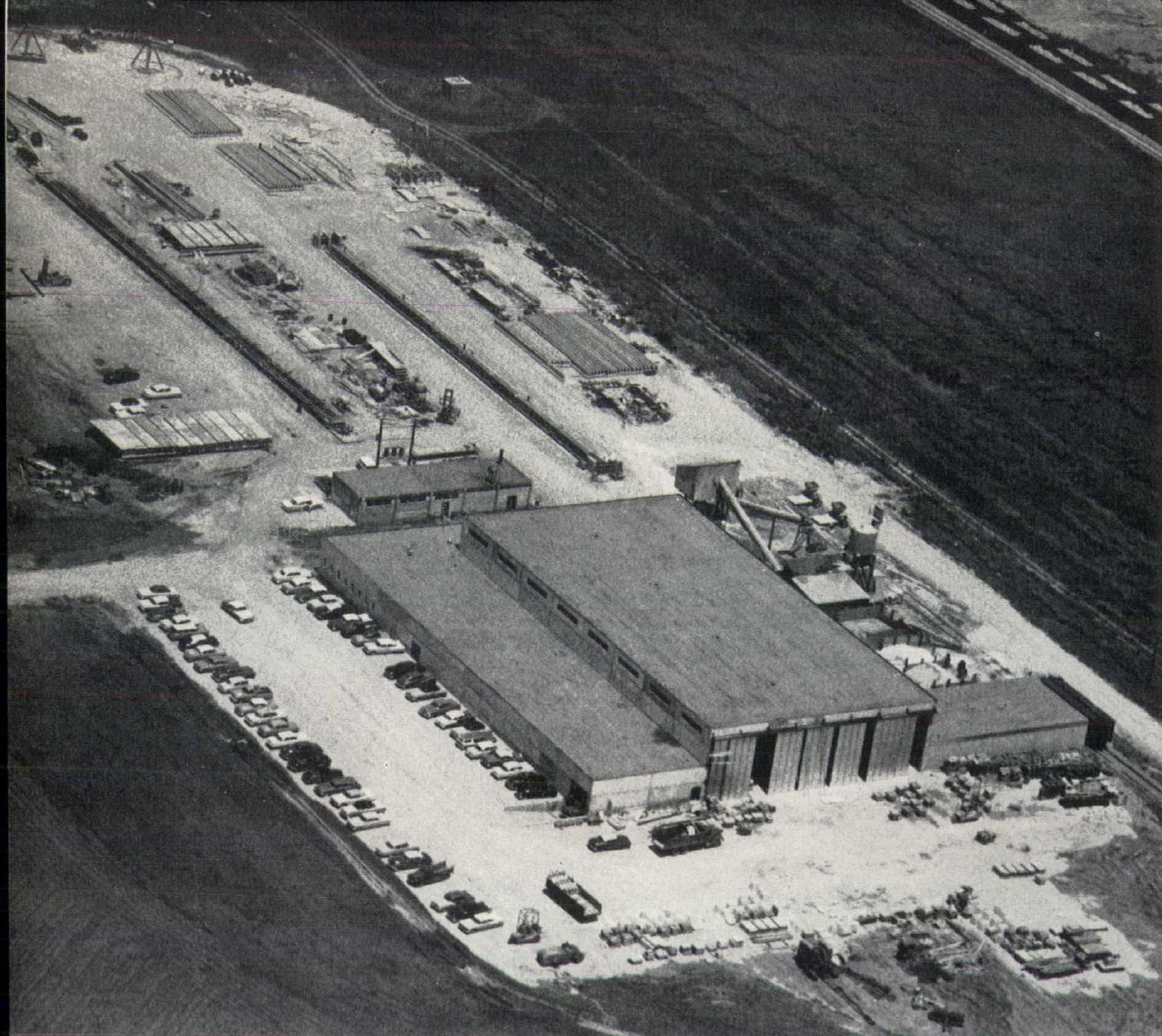
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IOWA ARCHITECT

Iowa Chapter, American Institute of Architects

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The "Iowa Architect" is published bi-monthly for the Iowa Chapter, American Institute of Architects, and mailed without charge. Appearance of names and pictures of products or services in editorial or advertising copy does not constitute endorsement of either the A.I.A. or this chapter.

THE COVER

Hawley Welfare Building, 700 Sixth Avenue (north of Keo Way), Des Moines. Photo of model. Occupied August 1959. Architect: Amos Emery & Associates, Des Moines. See Page 11.

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Schools on Parade . . .

For the second year, the Executive Committee of the Iowa Chapter is calling on members to prepare cards for display at the Iowa Association of School Boards convention, November 19-20, at Veterans Memorial Auditorium, Des Moines.

The number of displays received after brief notice last year indicates the 1959 selection should be much larger. Accordingly, arrangements are being made to exhibit the cards on the main floor of the auditorium, where other booths are located. (Last year the architectural display was shown in the room used for panel discussions on school construction.)

Don Foster, executive secretary of the school boards association, says his organization will work toward making available an area in which these architectural displays can be visited with a minimum of effort on the part of those attending the convention.

Firms planning to place displays with the Iowa Chapter should inform the chapter office, 422 Securities Building, Des Moines, by November 1. Displays should reach that address by November 10.

A special schools edition of the *Iowa Architect* is again being planned for distribution at the convention. We will attempt to include all projects on display in the chapter exhibit; material arriving early naturally will be given preference.

No detailed rules governing display cards have been set out by the committee, but to achieve a creditable exhibit a few factors should be observed:

Each presentation should include one or more photographs (if the structure is completed) or renderings; floor plan or other necessary explanatory plan. Mounts should be one-eighth inch hardboard mounted whatman, or other suitable rigid material; 30x40 inches, vertical or horizontal as the firm desires.

No more than three mounts will be accepted from any entrant. Firms will pay a fee of \$5 for each mount (maximum \$15). Descriptive material will not be distributed (except for the special issue of the *Iowa Architect*). The mount should bear the following information:

Name and location of school; name of owning district; superintendent of district; date of contract award and /or completion; grades housed; pupil capacity; cost exclusive of land, landscaping, furniture and fees; area in square feet.



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SILLETTO

The Regional . . .

Garrett Eckbo, one of the nation's leading landscape architects, is the first of a list of outstanding speakers General Chairman Charles Silletto is announcing for the 14th Annual Central States Regional Conference of the A.I.A.

Mr. Eckbo, who offices in South Pasadena, Calif., is widely known as an author and lecturer and, following his appearance at the Regional, will appear for a week as a special lecturer at the University of Manitoba in Canada. He is the author of books titled: *The Art of Home Landscaping*, and *Landscape for Living*. He is the author of articles which have appeared in the leading architectural and home or garden magazines.

Mr. Eckbo will be the principal speaker at luncheon, Friday, October 9, at the Des Moines Art Center. His illustrated lecture will be presented in the Art Center Auditorium.

Having sketched in the broad outlines of his design for a regional conference, Chairman Silletto then collected a team of chapter members to fill in the details for the conference at the Hotel Savery, where a recently completed mezzanine will improve the traffic and display facilities.

O. H. Thorson, a member of the national Chapter Affairs committee, has requested a breakfast for the discussion of chapter affairs by the officers of regional chapters Friday morning, October 9. Tentative scheduling includes a Regional Business meeting late Friday afternoon, at the hotel.

State and A.I.A. officials will be on the program for the Welcome Luncheon as the conference gets underway October 8. President George Horner will preside.

A dissection of the architect is one phase of the program as outlined by Chairman Silletto, and he views this as a means of determining some of the factors that cause the exceptional architect to be formed from the raw material of his youth. In line with the convention theme of "*Education—The Architect's Perpetual Challenge*," this session will con-

sider the continuing process of education and learning throughout the lifetime of a practicing architect.

Also in line with the convention theme is the subject for the first afternoon: "The Performance Requirements for Educational Buildings." From this panel presentation, some sparks are expected regarding school construction.

Keith Lorenzen of Waterloo, chairman of the sub-committee on architectural schools participation, reports that he still is receiving information on entries in the design competition for which the Structural Clay Products Institute has offered a total of \$500 in three prizes. Honorable mention awards will go to entries chosen among the first three at the participating schools.

James Hunter, F.A.I.A. of Boulder, Colo., prepared the design problem and heads the judging team. Gerald I. Griffith of Des Moines is in charge of the architectural exhibits.

Harold Payne of Des Moines and Stan Ver Ploeg of West Des Moines are handling and arranging for commercial exhibits for the meeting.

Other sub-committee chairmen: *Finance*, Doug Robison, Davenport; *Secretariat*, W. David Frevert, Des Moines; *Hospitality*, William Woodburn, Des Moines; *Hotel Arrangements*, Richard Goewey, Des Moines; *Publicity*, Harold Bullington, Des Moines; *Registration*, Herbert Shane, Des Moines; *Iowa State University participation*, Prof. Leonard Wolf, Ames; *Women's Activities*, Mrs. Mary Russell.

Executive Secretary Robert Bonomi will work with each committee as necessary. Jim Lynch and Cliff Prall, both of Des Moines, are assisting with the general program.



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SALISBURY HOUSE 4025 Tonawanda Drive, Des Moines

INFLUENCES ON IOWA

Carl Weeks, a Des Moines cosmetics manufacturer, and Mrs. Weeks.

Byron
'Ben'
Boyd



At Salisbury, Wiltshire, they visited a royal residence, which immediately captured their fancy and set fire to their imagination. A version of this house, they decided, must be their home in Iowa.

To create the atmosphere they desired, they set themselves a remarkable stint of transplanting antiquity. From buildings being dismantled in England came original paneling, fireplaces and roof beams, some dating back to the 14th century.

To surround these components with an authentic setting, the Weeks' engaged Byron Bennett Boyd, a versatile and productive artist who was then expressing himself through architecture.

Later in his life, when he was concentrating on painting, Boyd declared without apology that he was greatly interested in romantic backgrounds, and (with reference to a sketching tour of Europe) "liked better to depict castles than skyscrapers."

Salisbury House must have been a real joy as a commission, therefore. It embodies every principal feature of its Old World model—Gothic, Tudor and Georgian.

Standing amid ten acres of natural woodland and flower gardens, Salisbury House is an enviable tribute to the couple who envisioned it, as well as to the architect who made tangible their idea.

Imagination made tangible

When Salisbury House was completed, in 1928, the Des Moines Tribune expressed delighted approval.

"That anyone having the money should have the imagination, and anyone having the imagination should have the money, to build such a building is one of the most fortunate comings together this City has benefited from in recent years," the newspaper declared.

The impressive structure was the outgrowth of a trip to England undertaken six years earlier by

(Salisbury House is now open to public view. In 1953 Carl and Edith Weeks transferred ownership to the Iowa State Education Association, which uses it as headquarters and maintains it as an educational and cultural exhibit. Tours may be arranged.)

Salisbury House was barely completed when Boyd left the practice of architecture. For 13 years he had been a member of the firm of Boyd and Moore in Des Moines, designing numerous banks and business buildings, (including the Insurance Exchange building in Des Moines), Memorial Union at the University of Iowa in Iowa City, and St. Gabriel's monastery in Des Moines, a monumental stone structure recently razed to make way for the Merle Hay Plaza shopping center.

Born in Wichita, Boyd was reared in Denver and was graduated from the University of Colorado. He held a degree in architecture from Columbia University, where he also earned a Master of Arts degree. While in New York he also studied at the National Academy of Design.

Interested in art since his college days, Boyd devoted the last 30 years of his career to it almost exclusively. (He was the author of four published plays.) For some time he maintained a studio in a penthouse in the Wallace Homestead building in Des Moines, gaily flying from the window a banner with the letters "C O U"—for "Come On Up" on days when he was hanging an exhibit or otherwise would welcome callers.

Among his patrons was Carl Weeks, who purchased one of Boyd's most noteworthy canvases.

Demonstrating what Critic George Shane has termed "an unusual vitality in creative effort," Boyd traveled and painted in 31 countries, and received recognition by many famous galleries. He assisted the late Boardman Robinson with murals in the Colorado Springs Fine Arts Center and in the Department of Justice building in Washington, D.C.; later he won nationwide competitions to do murals in the Pella and Osceola, Iowa, post offices. He was closely associated with Grant Wood in promoting the Stone City Art Colony.

In 1939 he was appointed head of the Drake University art department, and in 1943 he was named to the city plan and zoning commission. Ill health forced his resignation from Drake in 1944, although he continued to paint and in recent years had two one-man shows, one comprised entirely of new work, at the Des Moines Art Center.

Throughout his years as an artist, Boyd's affection for architecture, especially in the total sense, apparently never left him. To his art students at the University he emphasized: "There is much in the city which the art student should integrate with his college life."

Five years ago the Boyds moved to California, where Boyd died of a heart ailment July 16, 1959.



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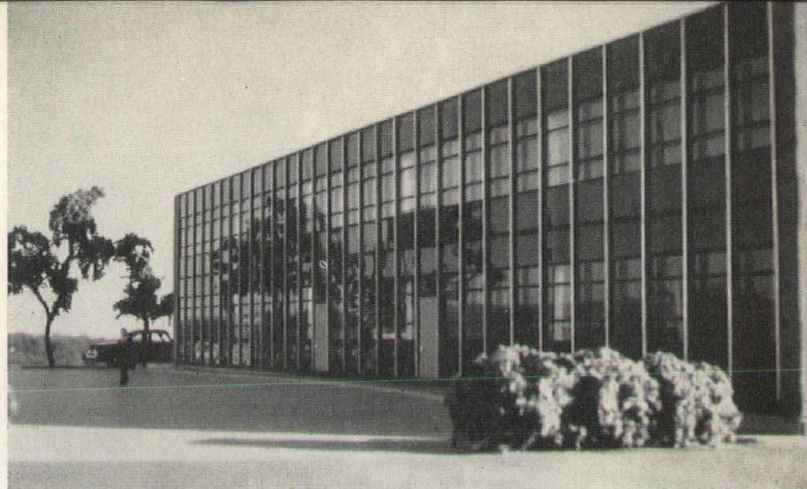
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FOUR LICENSED BY EXAMINING BOARD

The Iowa Board of Architectural Examiners has granted licenses to four persons as a result of the July examinations.

They are Francis Camizzi (Brown & Healey), Cedar Rapids; R. Kenneth Kendall (Brooks-Borg), Des Moines; R. Christiansen and Charles Rummel, Chicago. Camizzi and Kendall are associate members of the Iowa Chapter, A.I.A.



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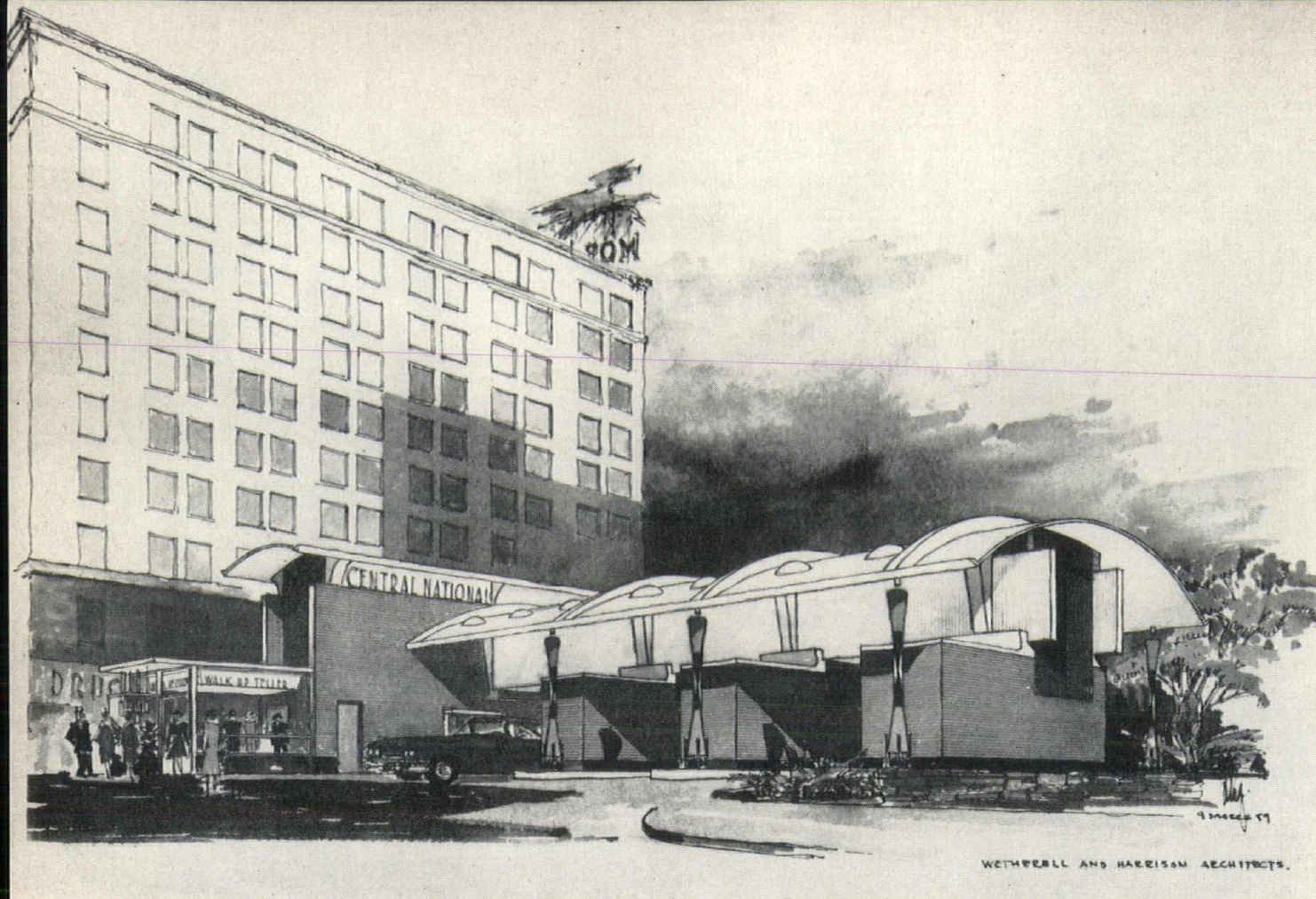
The Hawley Welfare Building (above, front cover) is a noteworthy example of private financing for public service. Funds came from the estate of Henry B. Hawley, who more than thirty years ago saw the desirability of one roof for the services now known as Community Chest agencies, and from the Foundation established by him and his wife, Carrie. He died in 1928; she, in 1943. His will specified that a site must be acquired by gift; the property was deeded to the Hawley Welfare Foundation by Des Moines United Community Services, which holds a long-term \$1 a year lease.

Interior facilities reflect a year's study of the function of various tenant agencies. They include, for instance, a truly isolated sound booth for the hearing and speech center, three dental operatories and laboratories, three medical examining rooms and laboratory, an x-ray darkroom, a 200-seat auditorium with kitchen. There are 27 individually controlled zones for heating and cooling with air; perimeter heat for wall loss.

DATA: Foundation, reinforced concrete with precast exposed aggregate form liner; masonry walls, lightweight concrete block with turquoise unglazed ceramic tile exterior, 2x2 squares, block pattern; furred and plastered end walls; steel curtain walls, gray plate glass, tempered glass, ceramic glazed spandrels, gunmetal color. Steel frame, fireproofed. Precast tile joist floor with 3" concrete fill; exposed tee finished ceilings, first and second floors; acoustical plaster on tile joists, basement. 44-foot clear span precast concrete double tee over auditorium, sprayed with acoustical plaster. Auditorium cantilevered on 8" reinforced concrete. Columns, footings, roof designed for additional story. Three occupied floors, 30,000 square feet. 24-car paved parking lot. All costs, excluding site, \$506,000. Occupancy, August, 1959.

CONTRACTORS: Garmer & Stiles Co., general; A. J. Allen Plumbing and Heating Co.; Corn States Metal Fabricators, air conditioning; Electric Equipment Co.; Chenoweth-Kern Elevator Service, all Des Moines.

ARCHITECT: AMOS EMERY & ASSOCIATES, Des Moines.



CENTRAL NATIONAL BANK AND TRUST CO., DES MOINES. ARCHITECTS: WETHERELL AND HARRISON, DES MOINES.

T H I N S H E L L S

Thin shell concrete roofs are rising in a number of interesting and decorative places this summer, among them a church at Schleswig and two drive-in banking facilities in downtown Des Moines.

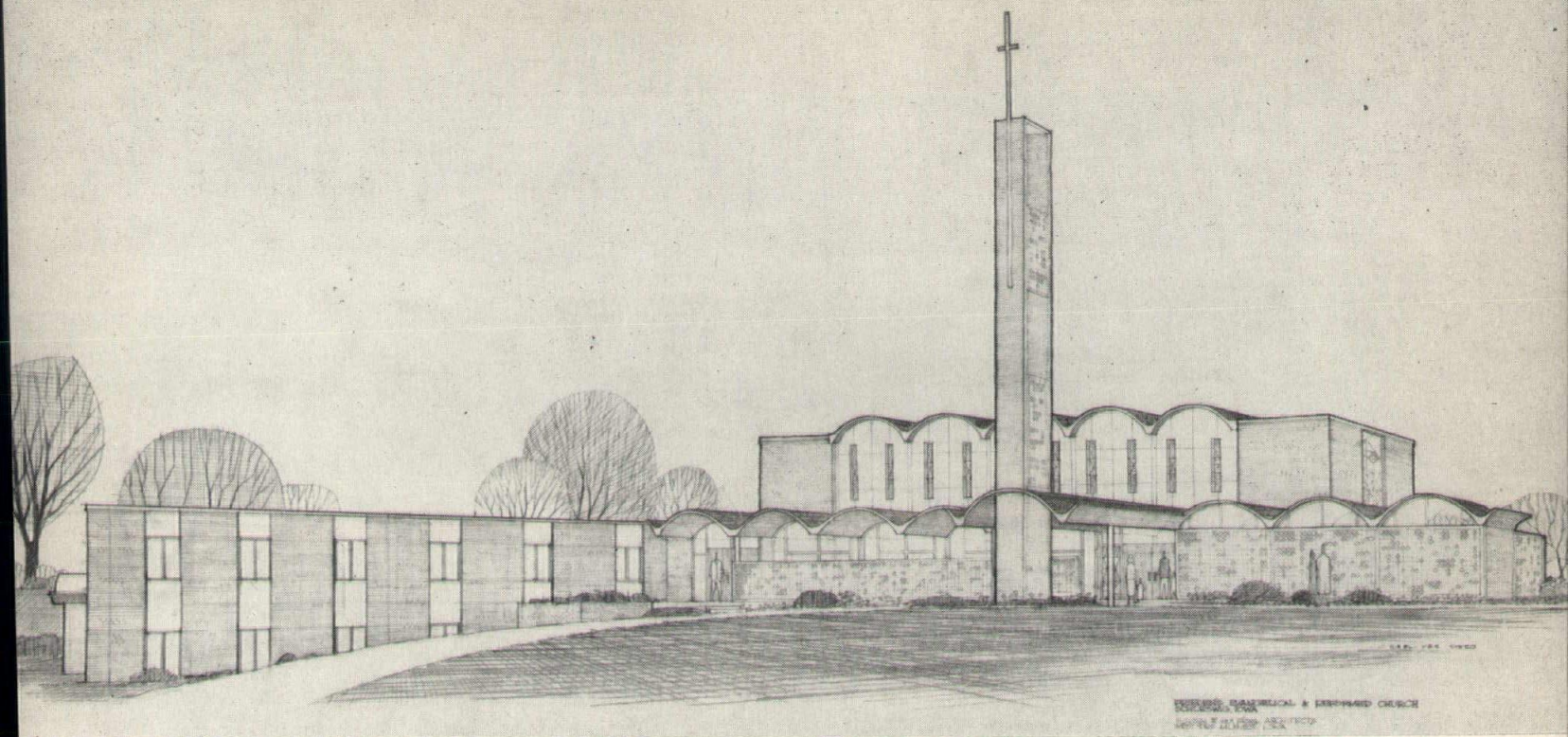
The capital city's loop area is gaining both color and spaciousness from the banking projects. At Fifth and Grand, Central National's \$200,000 drive-up, walk-up bank uses twilight blue glazed brick for the main walls of a two-story section and for the islands; flame red glazed brick for end walls and accent.

Two blocks south on Fifth, units of Iowa Des Moines' motor bank (it also serves pedestrians) will be faced with Italian glass mosaic tile in shades of Mediterranean blue—each island readily distinguishable from its neighbor by color. Costs exceed \$200,000.

Both projects contribute a welcome feeling of airiness amid the crowded business district. Iowa Des Moines' lot perpetuates a vista of Polk County's renaissance-style courthouse, created five years ago when buildings on the site were razed.

Central National's new lot, a block north of the parent bank, will provide four drive-up teller windows and a glass-enclosed area for walk-up trade. Vault is in the upper story of the main section; tellers reach the island stations by an overhead walkway. Sidewalls of the passageway, of reinforced brick, act as beams supporting the barrel-vault roof. Interior colors are white and burnished gold brick. The main section houses night-deposit and package-receiving stations; rest rooms, snack bar, air conditioning equipment. Tapered columns are free-standing downspouts.

The Iowa Des Moines' facility will be capable of serving more customers per hour than formerly could park on the same lot, although almost one-third of the half-block site will be lawn and plantings. Tellers are connected with the main bank vault, north across the alley, by tunnel. Islands have telephones, pneumatic tubes, electric dumb waiters, motor-operated deposit drawers, air-conditioning. Parking stalls and covered walkway along alley accommodates customers who wish to enter main bank.



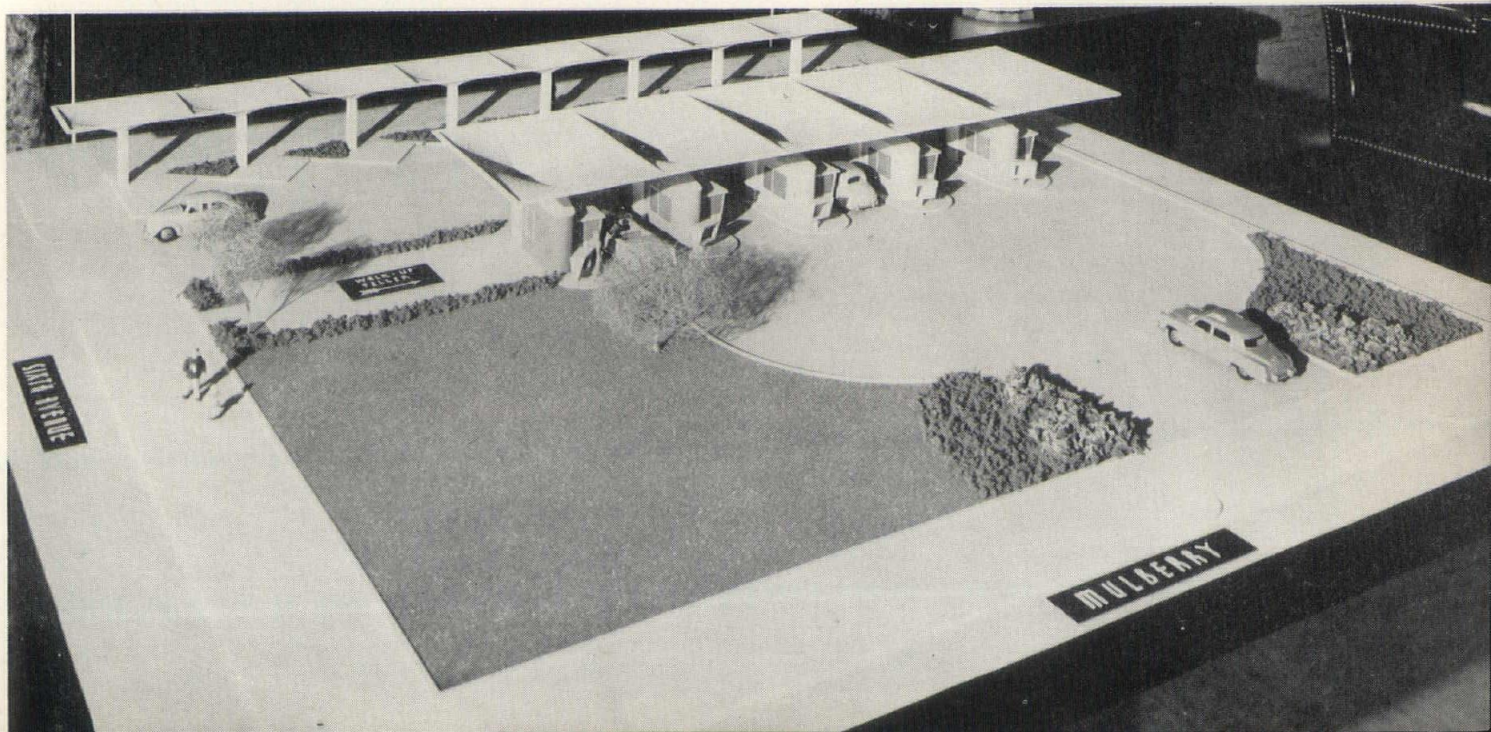
FRIEDEN'S EVANGELICAL & REFORMED CHURCH, SCHLESWIG. ARCHITECTS: SAVAGE AND VER PLOEG, WEST DES MOINES.

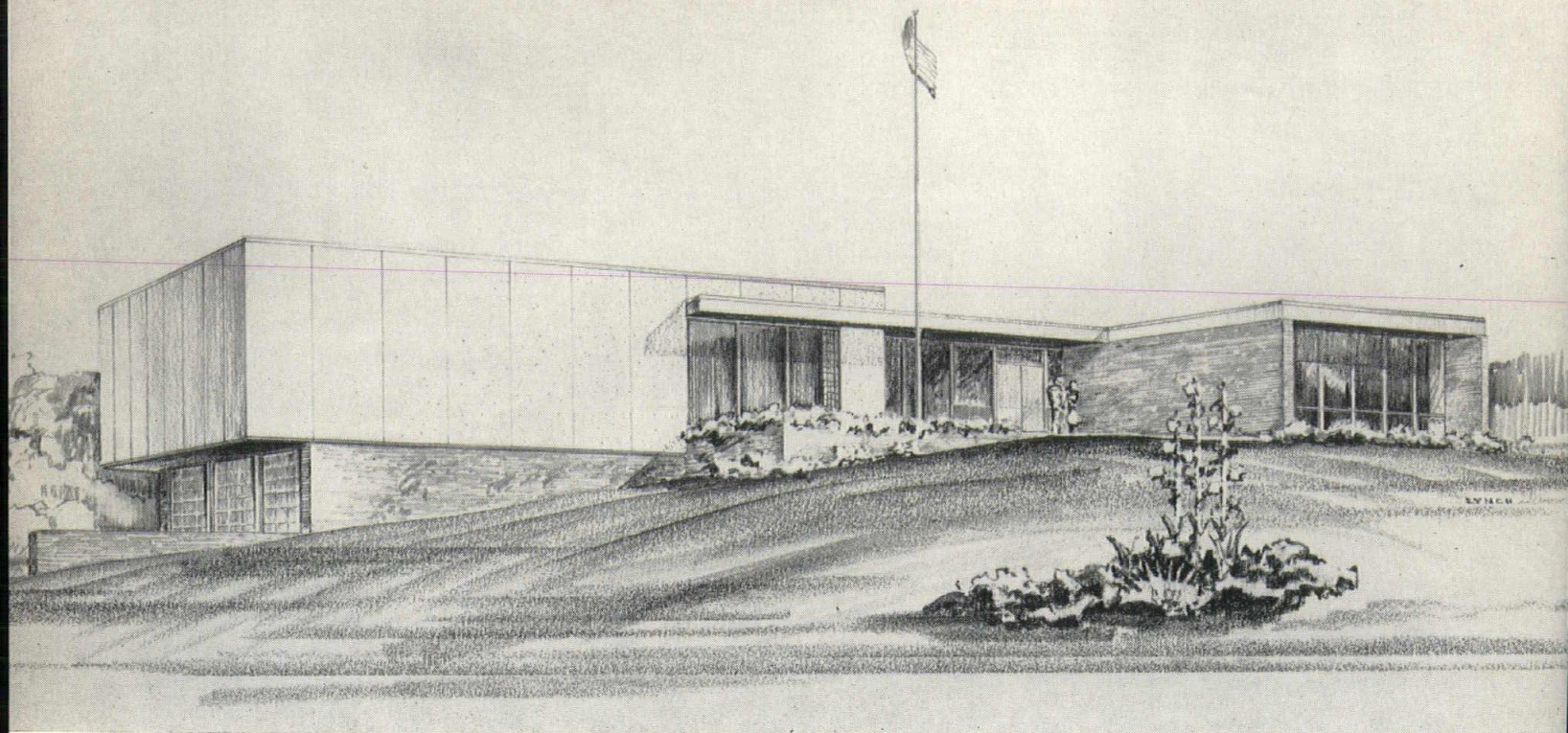
D E S I G N BY IOWA ARCHITECTS

At Schleswig, thin-shell barrel vaults will span an unusual nave in Frieden's Evangelical and Reformed Church. Far wall of the nave is designed in shallow accordion folds; apexes are intended to hold vertical mosaics complementing colored glass windows in opposing wall.

Flanking the nave, a glassed aisle connects the two front entrances. It is shielded by a cast-stone grille, which is also used to give seclusion to the chapel, right. Grille motif is repeated in end wall of chapel, tower, spandrels in education wing (left). The structure contains 16,500 square feet; exterior is brick. Ground was broken in August.

IOWA DES MOINES NATIONAL BANK, DES MOINES. ARCHITECTS: BROOKS-BORG, DES MOINES.





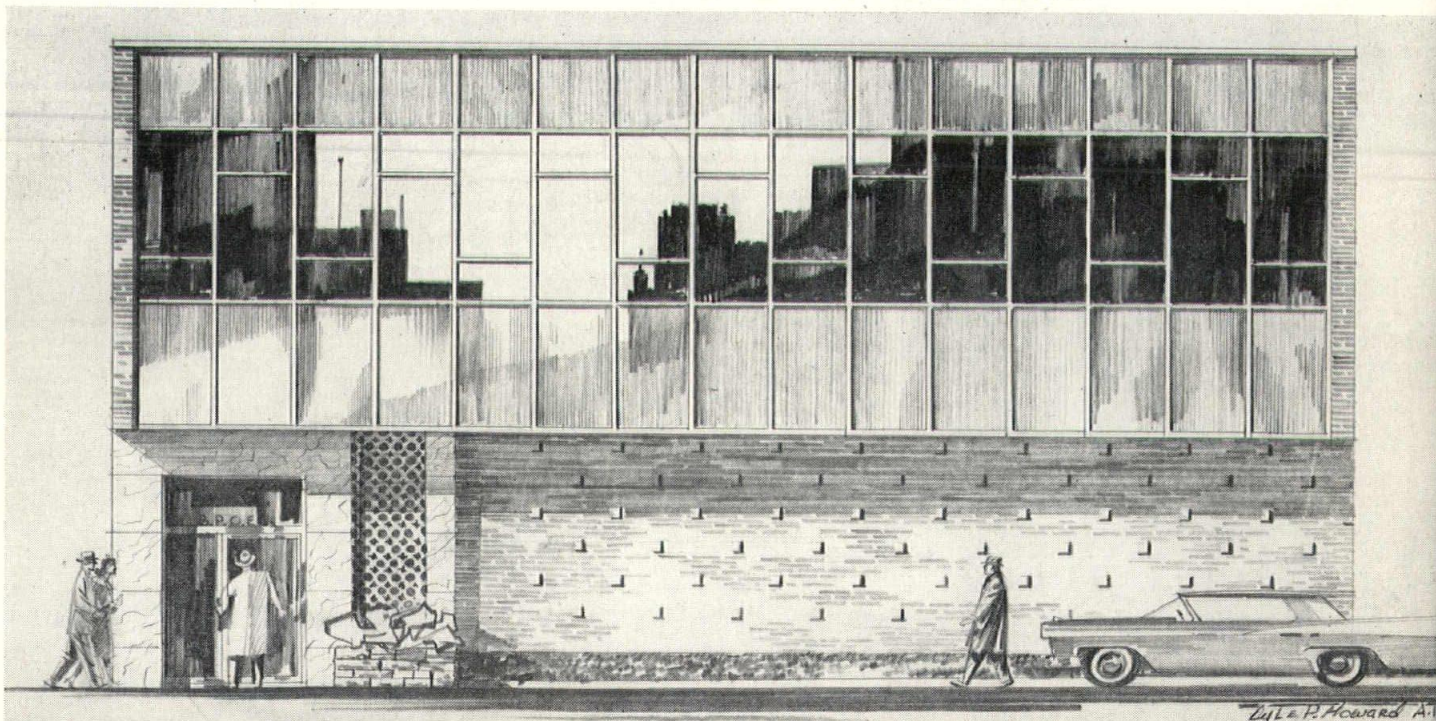
A TOWN HALL (AND RELATED SERVICES) FOR PLEASANT HILL. ARCHITECTS: RUSSELL & LYNCH, DES MOINES.

DESIGN BY IOWA ARCHITECTS

TOWN HALL, PLEASANT HILL. Proposed for bond issue. Meeting hall (left) equipped with kitchen; lobby, public rooms; council chamber (right) to double as library reading room; offices off lobby behind council room. 4400 sq. ft. Lower level houses two fire trucks, police car. Exterior precast exposed aggregate panels, brick, aluminum.

OTTUMWA ELKS CLUB, addition providing new dining room and kitchen, cocktail lounge, exalted ruler's room, storage, toilets. Exterior, rose buff brick with projecting provincial blue brick protruding slightly from main wall. Entrance, ceramic tile with stone planter. Second story overhangs approximately three feet. Pittsburgh Plate Glass Company curtain wall, marine blue spectro-lite above and below plate glass. Contractors: Grooms Bros., Ottumwa, general; Ottumwa Electric, Inc.; Blake Plumbing and Heating Co., Agency, plumbing, heating and air conditioning. Kitchen, Hockenberg Fixture and Supply Co., Des Moines. Under construction.

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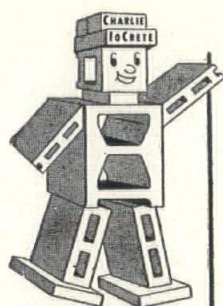
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Summer Outing

ARCHITECTS AND THEIR LADIES who gathered at Clear Lake early in July for the Iowa Chapter's Summer Outing found the events contained a fine opportunity to improve acquaintanceships, suntans, and dispositions. The hospitality and forethought of Tom and Sally Waggoner was appreciated by all. Gathering Friday night in the Hanford Hotel in Mason City (below) to launch the weekend, the A.I.A. party spent Saturday on the lakeshore, enjoying the facilities of the Judd cottage (Sally's pre-Waggoner habitat). Saturday night they made the acquaintance of the Grethen House, where every course was a delight (ask somebody whose palate was present!), then moved on to the Surf (bottom). No severe sunburns, despite considerable sailboating and powerboat excursions. Sunday, some wound up by attending Mason City's giant airshow (100,000 spectators); others went peacefully home with a fresh set of pleasant memories.



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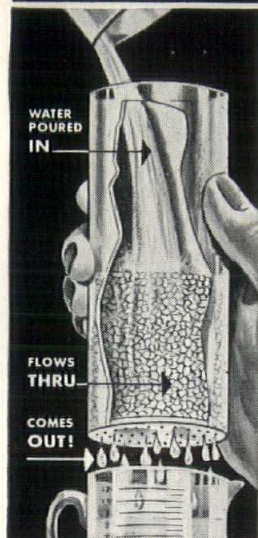
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Desco Vitro Glaze Ass'n. of America
Northwest Terrazzo Ass'n.

ZONOLITE®

Announces

A NEW KIND OF INSULATION

FOR MASONRY WALLS!



HERE'S PROOF! Simple test reveals how new Zonolite repels water penetration.

Actually SHEDS WATER

Revolutionary new and completely different, Zonolite Masonry Fill Insulation brings you the faster, easier, lower-cost way to insulate concrete block, tile, and cavity walls. A triumph of laboratory and technical research, it is processed under U.S. Patent 2,824,022 to stop water penetration like no other insulation can. Now puts an end to the bug-a-boo of moisture problems in all types of block and cavity wall construction.

Cuts Heat Transfer up to 50% in block and cavity walls



Filling blocks or cavities is easy. Sometimes, a simple hopper is used to facilitate installation.

Walls filled with this new material have up to twice the insulating value. Greater comfort results; fuel bills are reduced; air conditioning costs cut—*substantially*.

Saves Time, Money

Easily installed. Flows freely into cores and cavities around reinforcing and other obstructions. No fitting, cutting, measuring. Beats other installation costs by as much as 60%.

WHICH OF THESE TYPES OF PROJECTS ARE YOU WORKING ON NOW?

- CHECK THIS LIST**
- | | | |
|---|--|--|
| <input type="checkbox"/> homes | <input type="checkbox"/> motels | <input type="checkbox"/> shopping centers |
| <input type="checkbox"/> schools | <input type="checkbox"/> churches | <input type="checkbox"/> industrial plants |
| <input type="checkbox"/> farm buildings | <input type="checkbox"/> cold storage jobs | |

Zonolite Masonry Fill is the perfect insulation for concrete block, tile or cavity wall construction.

MAIL COUPON FOR FULL DETAILS

WESTERN MINERAL PRODUCTS COMPANY

1720 Madison St., N.E., Minneapolis 13, Minn.

Please send me complete information file (G-158) on Zonolite Masonry Fill Insulation.

Name _____

Firm _____

Address _____

City _____ Zone _____ State _____

A lively discussion

Two hundred architects, school administrators and school board members attended the School Building Conference held at Iowa City August 3 and 4, making it the largest one to date. It was characterized by active participation from the floor, and a genuine interest in good design, it is reported.

Scheduled every other year, the conferences are sponsored by the Iowa State Department of Public Instruction, the Iowa Chapter A.I.A., the Iowa School Board Association and the University of Iowa.

Seven members of the Iowa Chapter took part in the program. George L. Horner, president, was chairman of a session on the relationship between insurance rates and design and construction, and he and Grant Voorhees joined W. L. Brayman, Iowa Inspection Bureau, and E. W. Lundquist, Cedar Rapids Public Schools, in a panel discussion on the subject.

Exploring the savings in insurance rates which are possible through use of approved materials and methods, the panel also analyzed the length of time necessary to recover the extra investment required to effect those savings, and compared both items to the total annual budget of various school systems. They also considered factors outside architects' control which greatly affect insurance rates, such as site location, size of water mains serving the site, and fire fighting equipment available.

Using subtle satire to good effect, Dr. Leonard Wolf, head of architecture and architectural engineering at Iowa State University (Ames), described the amount of control a designer can exert through specification of materials. Various connotations on the term "good" came to light during a lively discussion, "How Much Should a Good School Building Cost?" Panelists included David B. Toenjes and Roland (Tip) Harrison.

O. H. Thorson and W. Robert Ramsey represented the Iowa Chapter on a panel which tackled the topic of supervision of school plant construction. Other panelists were Louis Kingscott, Jr.; Frank Douma, superintendent of schools, Ottumwa; O. C. Pfaff, board member, Ft. Dodge.

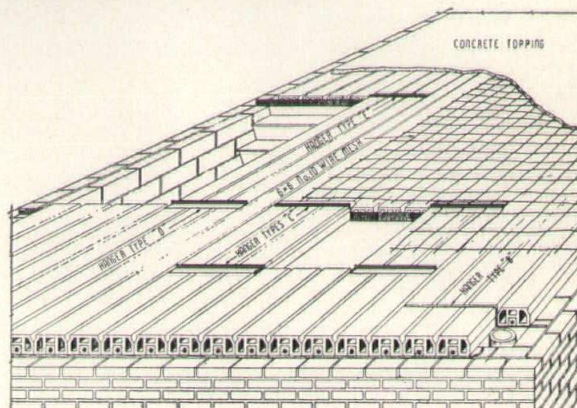
Spirited debate arose over the question of when a "clerk of the works" or similar owner-representative might gainfully be employed. Among constructive suggestions, Douma reported good results through the Ottumwa system's retaining two retired contractors to supervise large projects.

Dr. S. J. Knezevich analyzed modern "glassical" design at the closing session. George D. Englehart, president of the National Council on Schoolhouse Construction, made two presentations.

Proved in 2000 installations...

SHEFFIELD REINFORCED CLAY TILE BEAMS

- ★ HIGH STRENGTH
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- ★ SOUND PROOF
- ★ VERMIN PROOF
- ★ DUST PROOF
- ★ LOW INSTALLATION COST
- ★ LOWEST "USE COST"



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NEW SHADOWAL... Pattern On Both Sides

In addition to regular SHADOWAL, we are now making SHADOWAL with the pattern on both sides of block. Ideal for partition walls, basement walls above grade, Split Level Construction, and for commercial buildings.

BES STONE SPLIT BLOCK

The block with the look of quarried stone. Variety of colors.

LATTICE BLOCK

An ideal block for use in solar screen walls, fences, and many decorative purposes.

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PERSONAL & PROFESSIONAL

SEVEN FIRMS SELECTED FOR DES MOINES SCHOOLS

Ending its "one-architect" policy of the last nine years, the Des Moines school board has selected seven firms to design 16 projects in the current building program.

Since 1950, one firm had held a series of three-year contracts for Des Moines schools. The agreement expired in July.

A citizens committee which has

been studying the new building program recommended the single-architect policy be discontinued.

Seventeen architectural firms, including three from outside Des Moines, were considered for the current projects.

On single or multiple projects totaling up to \$750,000, the architect's fees will be 5½ percent of total construction cost.

On jobs totaling more than

\$750,000, the fee will be 5 percent.

Earlier contracts had specified a 5 percent fee, which dropped to 2½ percent if duplicate plans were used.

A \$5,900,000 bond issue for new construction and additions was approved by Des Moines voters in May.

FIVE NEW CORPORATES, ONE JUNIOR ASSOCIATE

Five architects have been elected to corporate membership in the American Institute of Architects and assigned to the Iowa Chapter, it is reported by Dave Frevert, secretary.

These new listings are designed to bring up-to-date the A.I.A. directory published in January of this year.

BROM, RICHARD HOVEY
Principal, Thorson & Brom
219 Waterloo Building, Waterloo



HUEHOLT, RAYMOND L.

Principal, Smith-Voorhees-Jensen Architects Associated
201 Davidson Bldg.
Des Moines

TAYLOR, WILLIAM ALEXANDER
Woodburn and O'Neil
201 Jewett Building
Des Moines



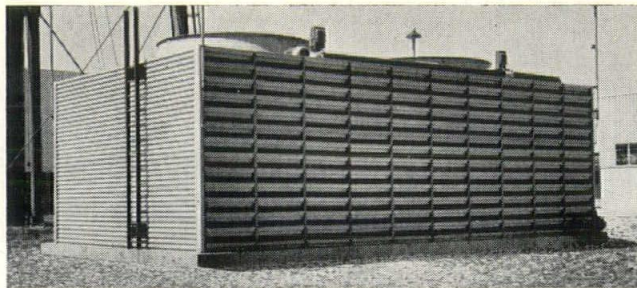
WALLERSTEDT, W. KENNETH

Principal, Smith-Voorhees-Jensen, Architects Associated
201 Davidson Bldg.
Des Moines

WAYLAND, LLOYD
Louis Kingscott & Associates
321 W. Kimberly Road
Davenport

The Iowa Chapter, A.I.A., has accepted the application of William Nielsen, Jr., as a junior associate. His listing, for page 24, January directory:

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



Stop Costly Water Waste With MARLEY Cooling Towers

There are "hot spots" in every plant that pipe profits down the drain by wasting water that could be saved by recirculation. Marley cooling towers save 95% of water wasted in air conditioning and refrigeration; in welding, molding and quenching and other process operations. Only Marley makes a line of towers so complete that you can select a standard easy-to-install, minimum maintenance model that will deliver full performance for your exact requirements—in your available plan area. Get details of possible savings—call your Marley engineer.

Represented in
Iowa by . . .



3½ W. MAIN PHONE 5557 MARSHALLTOWN, IOWA

MIDWEST CONCRETE IN NEW PLANT

Midwest Concrete Industries has moved its entire operations to West Des Moines, where it occupies a 10-acre tract just west of the Penn Dixie cement plant.

Housed in the 50,000-square-foot plant are the wall panel and cast stone operations, and general offices. Also on the site are two 300-foot long beds for casting pre-stressed girders and a 300-foot bed for casting pre-stressed double-tee slabs up to 20 inches deep.

The plant currently employs nearly 100 persons, with the majority engaged in panel work.

The casting plant is roofed with 50-foot pre-stressed girders and 25-foot monowing double-tee slabs. The exterior walls are precast concrete panels 8 by 25 feet.

An aerial photograph of the plant is included in Midwest Concrete Industries advertisement in this issue of the *Iowa Architect*. The new mail address is Box 217, West Des Moines, and the phone number is CRestwood 4-3425 (Des Moines).

ARCHITECTS ASSOCIATED HIRES BELKNAP

Dale Belknap, Charles City, a July graduate of Iowa State University, Ames, is a new employee of Smith, Voorhees, Jensen, Architects Associated, Des Moines. He will work as an architectural engineer, his major field in school.

At Ames, Belknap was active in the student chapter, A.I.A., and many extra-curricular events.

BILL TAYLOR JOINS WOODBURN, O'NEIL

William A. Taylor, A.I.A., joined the staff of Woodburn & O'Neil on July 13.

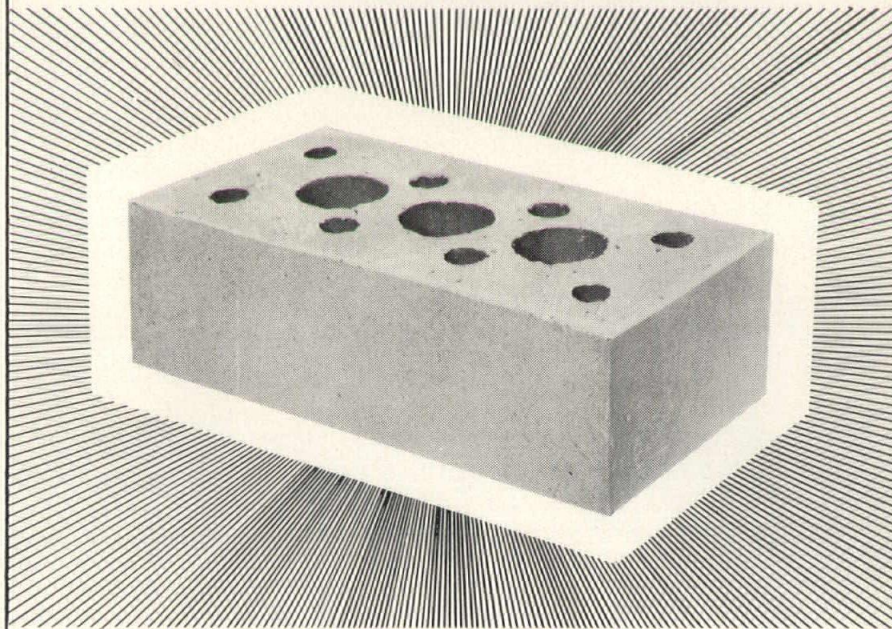
Bill had been employed by Karl Keffer Associates since 1955.

PETER HERBERT DIES

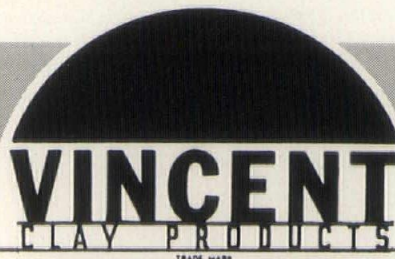
Peter Herbert, 3, son of Mr. and Mrs. Charles Herbert, died of leukemia June 13.

Herbert is a principal in the firm of Karl Keffer Associates, Des Moines.

BE SURE TO INVESTIGATE GOLDEN GLAZED



Brick and Tile from Vincent Clay Products Company the next time you have a job requiring a smooth, permanent salt glazed surface. Colors range from a light grey-green gold, through a golden buff, to a golden brown thus allowing you to achieve a blend of distinctive beauty and lasting interest. Available in numerous shapes and sizes in both brick and tile. Color descriptive brochure upon request.



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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 FACTORY
State Bank Building • 3-7851 • 2½ Miles South of Fort Dodge

PERSONAL & PROFESSIONAL

NEW MANAGER, OFFICE FOR F. W. DODGE CO.

Two major changes in the F. W. Dodge Des Moines office have been announced with the appointment of Walter A. Enoch as branch manager and disclosure of plans to move the office and plan room to 3800 Sixth Avenue, Des Moines, early in September.

Enoch, formerly at the Green

Bay and Madison offices of the firm, succeeds Linn Wetwiska, who was promoted to the post of District News Manager at the firm's Kansas City, Mo., office. He is in charge of news operations in Kansas, Nebraska, Oklahoma, and the western portion of Missouri.

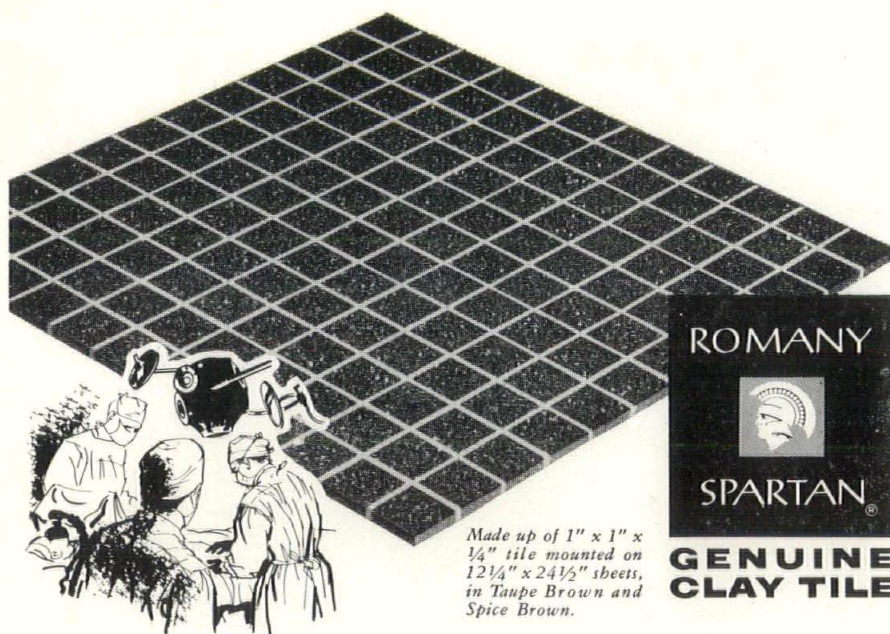
Enoch said the firm now has available for architects' use the Dow Real Estate Valuation Calcula-

tor, which contains comparative cost data by type of project and geographic area.

Dodge is compiling an alphabetical listing of contractors (with addresses), grouped by trade. A geographical cross-reference will enable users to locate firms which do work in any particular area of the state.

Now located on the sixth floor of the Securities Building, the firm has been in that building for nine years.

The new office will be in a one-story building being built for the Iowa Electric Co. with the Dodge firm as a tenant. The plan room is designed for nine plan tables and plan storage. Parking facilities will be available and the structure has central air conditioning.



Made up of 1" x 1" x 1/4" tile mounted on 12 1/4" x 24 1/2" sheets, in Taupe Brown and Spice Brown.

For operating room safety, specify... **ROMANY•SPARTAN CONDUCTIVE FLOOR TILE**

Romany•Spartan ceramic tile, properly installed, completely satisfies exacting NFPA safety code

With unglazed Romany•Spartan conductive tile, explosion hazards created by static electric sparks in anesthetizing areas can be almost completely eliminated. Dust-pressed with straight edges, Romany•Spartan tile has a moisture absorption factor of less

than one-half percent by weight.

Two attractive, easy-to-clean colors blend harmoniously with all wall colors and equipment.

It's economical, too. 12 1/4" x 24 1/2" sheets go down with maximum speed, at minimum cost in conventional conductive mortar or new conductive adhesive setting beds.

For complete details, samples or specifications call:

Rollin B. Child Northwest Sales Representative

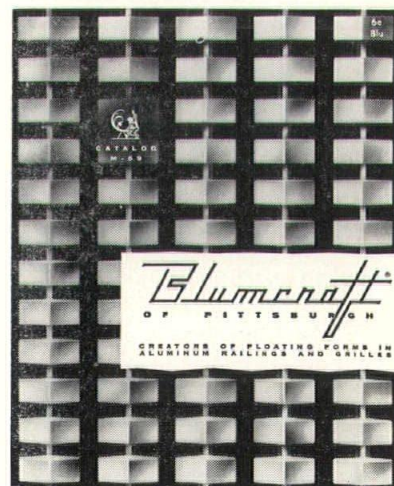
13006 Excelsior Blvd. • Phone WE. 8-8379 • Hopkins, Minnesota

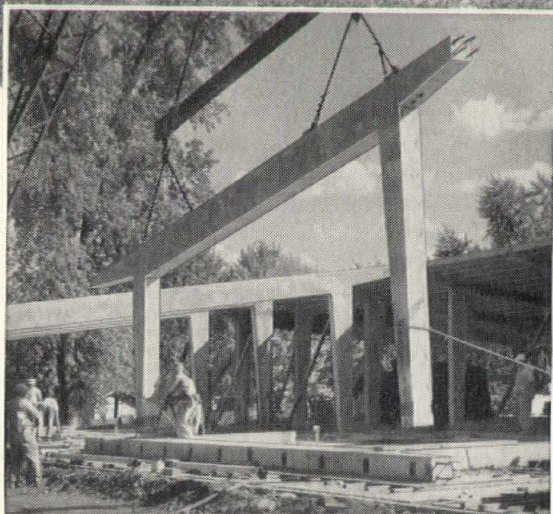
UNITED STATES CERAMIC TILE COMPANY • THE SPARTA CERAMIC COMPANY
CERAMIC TILE PANELS, INC.

NEW GRILL AVAILABLE

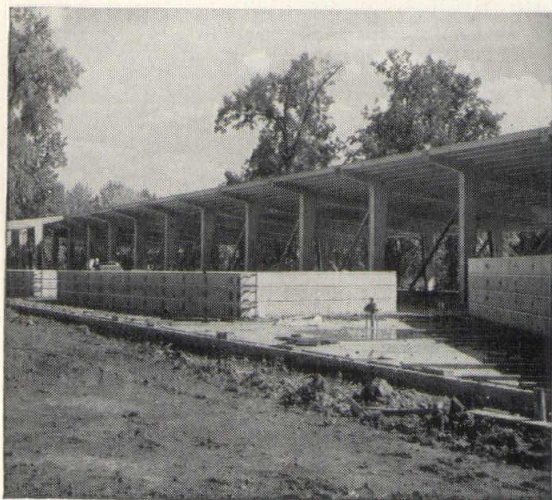
Built of sculptured extrusions to provide structural depth, this new three-dimensional grill permits the architect to create his own pattern arrangements by omitting any number of the rectangular or circular (not shown) facets which form the grill. The rectangular diamond effect and the dished circular facets are available as are two additional patterns of larger facets.

The grilles are suitable for use as railing panels, sun screens, room dividers or building surfacing. Details are in Blumcraft catalog M-59 available to architects by writing 460 Melwood St., Pittsburgh 13, Pa.





Large photo shows one wing of the Linton-Stockton School. Small photo above shows a close-up view of one of the precast concrete bents while photo below shows method of stockpiling concrete bents before erection. Designed by Thomas C. Dorste and Spiros G. Pantazi of Indianapolis. Structural engineer was Floyd E. Burroughs, also of Indianapolis.



Precast concrete members make low-cost school possible

The new Linton-Stockton Elementary School in Linton, Ind. has been widely acclaimed in educational circles. It is an example of the speed and economy with which urgently needed classrooms can be provided quickly and economically.

Saving in time and money resulted from the use of precast concrete construction. The frame is formed by precast concrete bents supporting precast channel slabs. Integral parts of the bents are arms for cantilevered sections. Both bents and roof slabs were precast on the site. Careful planning, standardization of members and utmost re-use of forms held down costs and construction time.

As a result the 80,000-sq. ft. school was built for \$870,000. Its 36 classrooms, averaging 1200 sq. ft. in size, will accommodate 1,200 pupils. The restrooms and halls are floored with terrazzo, which was also used for wainscoting in the building.

Modern precast concrete schools such as this not only have low initial cost but also low maintenance cost, long life and low annual cost. And they're fire-safe, too! So make your next school precast concrete.

PORTLAND CEMENT ASSOCIATION

408 Hubbell Building, Des Moines 9, Iowa

A national organization to improve and extend the uses of portland cement and concrete through scientific research and engineering field work

Sound Control



Ellis Junior High School • Austin, Minn.

Architect — Hammel & Green, Inc. • St. Paul, Minn.

ONLY BRICK, CLAY TILE CONTROL SOUND WELL

Obviously, foreign sounds reduce the efficiency with which a teacher can conduct a class, and the ability of the class to absorb knowledge. So, it is vitally important that partition and exterior wall materials have the ability to reduce foreign sounds to a minimum.

The sound transmission efficiency chart below shows that only brick and structural clay tile, of the materials tested, meet recommended standards.

Sound research laboratories have established that the desired maximum sound transmitted from one classroom to another is preferably 14 decibels, with a maximum of 24 decibels. Sound level in the average classroom is 60 decibels. So, a school partition wall must give a sound transmission loss of at least 36 decibels.

In addition to their unique sound control qualities, clay products possess beauty, resistance to unsightly cracks, low maintenance cost, strength and fire resistance which make them a "must" for use in all new schools.

SOUND TRANSMISSION LOSS — DECIBELS

8" BRICK		
— Plastered 2 sides	57db	EXCELLENT
8" CLAY TILE		
— Plastered 1 side	56db	
6" "SCR BRICK"		
— Plastered 1 side	55db	
4" BRICK		VERY GOOD
— Plastered 2 sides	54db	
8" CLAY TILE		
— Unplastered	52db	
6" SCR BRICK		
— Unplastered	51db	GOOD
4" BRICK		
— Plastered 1 side	51db	
8" BRICK		
— Unplastered	50db	
4" CLAY PARTITION TILE		GOOD
— Plastered 2 sides	44db	
4" HOLLOW GYPSUM		
— Plastered 2 sides	43db	
4" FACE TILE — 4 x 5 x 12		
— Unplastered	41db	BORDER-LINE
3" HOLLOW GYPSUM		
— Plastered 2 sides	39db	
8" WAYLITE BLOCK		
— Unplastered	38db	
SOLID PLASTER ON EXPANDED METAL LATH		NOT ACCEPTABLE
— 2" thick wall	38db	
3/8" GYPSUM LATH PLASTERED 2 SIDES		
— 2" thick wall	37db	
4" WOOD FRAME		
— Lath and Plaster 2 sides	35db	NOT ACCEPTABLE
3/4" STEEL CHANNELS 12" O.C.		
EXP. METAL LATH 1 SIDE		
— Plastered 2 sides, 2" thick wall	35db	
4" WAYLITE BLOCK		
— Unplastered	32db	NOT ACCEPTABLE
1 1/2" STEEL CHANNELS 16" O.C.		
EXP. METAL LATH 2 SIDES		
— Plastered 2 sides, 3 1/4" thick wall	30db	



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