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COST FOR TWO SCHOOLS INSTALLING COMPLETE AIR CONDITIONING SYSTEMS

1. Hyde Park Junior High School, Clark County, Las Vegas, Nevada
   Architect & Engineer: Zick & Sharp
   GENERAL: 90,000 sq. ft., 38 classrooms, 6 administrative offices, 9 special purpose rooms, gymnasium, cafeteria, library, swimming pool.
   **CONTRACT COSTS:**
   - General $1,039,997
   - Plumbing $107,300
   - Electrical $139,000
   - Air conditioning, heating & ventilating $151,300
   **UNIT COSTS:**
   - Total cost per sq. ft.: $11.55
   - Air conditioning, heating & ventilating per sq. ft.: 1.68

2. Eunice Smith School, Alton, Illinois
   Architect: Albert Meyer Goedde, AIA
   GENERAL: 28,266 sq. ft., 12 classrooms, multi-purpose room, teachers room, cot room and offices, facilities for handicapped children.
   **CONTRACT COSTS:**
   - General $278,722
   - Plumbing $29,861
   - Electrical $29,780
   - Air conditioning, heating & ventilating $68,100
   **UNIT COSTS:**
   - Total cost per sq. ft.: $14.30
   - Heating & ventilating per sq. ft.: 2.46

COST FOR TWO SCHOOLS EQUIPPED FOR FUTURE AIR CONDITIONING

1. Daviess County High School, Owensboro, Kentucky
   Architect: Roberts & Johnson
   Engineer: Chas. Young
   GENERAL: 126,000 sq. ft., 71 classrooms, gymnasium, auditorium.
   **CONTRACT COSTS:**
   - General $911,000
   - Plumbing $100,000
   - Electrical $105,000
   - Heating & ventilating $195,000
   **UNIT COSTS:**
   - Total cost per sq. ft.: $10.40
   - Heating & ventilating cost per sq. ft.: 1.55

2. North Elementary School, Jones Elementary School, Garden City, Kansas
   Architect: Howard T. Blanchard, AIA
   GENERAL: Both schools (bid as combined project) total 43,382 sq. ft., 26 classrooms, administration areas, multi-purpose rooms.
   **CONTRACT COSTS:**
   - General $373,525
   - Plumbing $34,400
   - Electrical $31,446
   - Heating & ventilating $73,849
   **UNIT COSTS:**
   - Total cost per sq. ft.: $11.83
   - Heating & ventilating cost per sq. ft.: 1.70

COST FOR A SCHOOL EQUIPPED FOR BOTH IMMEDIATE AND FUTURE AIR CONDITIONING

Lackawanna High School, Lackawanna, N. Y.
   Architect: John R. Edgar, AIA
   Engineer: Donald E. Brill
   GENERAL: 165,941 sq. ft., school building for 1200 pupils, service building and connecting tunnel.
   **CONTRACT COSTS:**
   - General $1,953,700
   - Plumbing $145,939
   - Electrical $353,788
   *Air conditioning, heating & ventilating $292,500
   **UNIT COSTS:**
   - Total cost per sq. ft.: $16.54
   - Heating & ventilating cost per sq. ft.: 1.76

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CONTENTS

Let’s Talk About Cost Per Pupil ......................................................... 8
Inside-Out Concrete ........................................................................ 9
Who Knows a Craftsman? ................................................................. 11
Building for ‘71 .................................................................................. 11
To the School Boards: ....................................................................... 11
About School Equipment: ................................................................. 12
Convention a ‘Comin’ .......................................................................... 14
Candids from Kansas City ................................................................. 17
Proposed Amendments to By-Laws .................................................... 20

DESIGNED BY IOWA ARCHITECTS .................................................. 23

Clovis Grove Elementary, Menasha, Wis.
Oskaloosa High School
Elementary School, Eldora
Tipton Elementary School
Forest City—Leland High School
Big Foot High School, Walworth, Wis.
North High School, Des Moines
Mitchell Elementary, Des Moines
Elementary School, Schleswig
Battle Creek High School
High School, Fort Madison
High School, Davenport
Junior High School, Monmouth, Ill.
Regina Catholic High School, Iowa City

Personal and Professional .................................................................. 32

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.
Let's talk about cost per pupil:

It is time that those who are most closely connected with the school construction programs begin talking about original construction costs in terms that do not leave the average taxpayer breathless and frightened.

The school buildings which Iowa now needs, and which it will need in the future, are too often looked upon as emergency needs. This is a false premise because there are children, there will be children, and their educational needs will expand as the amount of man's knowledge grows.

Because of this false premise, and because school construction is most often discussed in terms of the "total" cost of the new construction, school boards and superintendents have worried about the size of that figure. The result has been that in some cases, the boards, superintendents and the architects have adopted original construction economies which they know will prove to be false economies as the years go by.

It is time to break this matter of total cost into understandable and acceptable terms for the taxpayers and the voters.

It is a common practice to talk about the "average" salary for teachers. The comparisons used are generally the comparison of the average salary in one area as compared to the national average. This is the method of attack which puts the salary cost in a frame of reference which every listener can understand. If the district has 100 teachers and the average salary is $4,800, the taxpayer will in general think of the "four-thousand" dollar figure, rather than a total budget of nearly a half-million dollars.

In the same way, the public should be educated to think of school costs on the basis of what that original structure will cost "per student," for the thousands of students who will make use of its facilities.

For this purpose—and right out of the air—we'll pick a high school which has an original construction cost of $750,000. That is enough to make most school taxpayers think twice. Without crowding its classrooms, this school would comfortably handle 500 students a year (average of 125 per class).

For purposes of this comparison, we have set the usable life of this school at only 30 years.

Now let's compute the construction cost of this school on the basis of "cost per year per student". The 500 students per year for 30 years brings a total of 15,000 student-years, or a cost of $50 per student per year.

For the four years of schooling, this computation would put the building construction cost at $200 per graduating senior.

This kind of mathematics, applied to construction contemplated by a school district, may help the general public visualize building costs in proper perspective. It translates even the more sizable projects into monetary terms within the scope of the average householder and affords a means of demonstrating the real relationship between building costs and annual operating expense.
Because of its interesting texture, and the subtle colors obtainable by use of different types of stone chips, this concrete long ago caught the fancy of imaginative architects.

However, there was an almost unbeatable argument against its extensive use: where panels or pieces had to be joined together, it was next to impossible to make a weather-tight joint. Concrete insists on expanding and contracting as temperature changes; compounds used to seal the joints gave way under the strain; within a few years the joints were sure to leak.

The rocket age brought the solution to this problem. The same company which holds a patent basic to solid rocket fuel also produces a substance which gives nearly everlasting stretchability to caulking compounds.

Thiokol-based caulking compounds can be applied to a 1/8-inch crack between panels; if the panels shrink until the crack is three times as wide, the seal remains watertight.

Whereas the early exposed-aggregate concrete panels were handled much like sawed stone with masonry backing, architects now are designing large panels which span floor-to-floor or column-to-column with no additional support.

A structure of this type is Iowa Methodist Hospital, Des Moines. Its reinforced panels, 12x13 feet, have 5 1/2-inch ribs and a 2 1/2-inch face shell. A metal plate cast into the bottom of the slab is welded to the floor; top is bolted to the floor above by means of threaded inserts cast into the panel. One crew erected 12 panels a day. (Photo, page 30.)

Larger panels will be cast for the new Maytag office building in Newton. These panels, the full height of the building, rest on the foundation and are tied into the roof, with no other support. Architect for both projects is Brooks-Borg, Des Moines.

Another Iowa architect is currently using this material in much smaller units. Designing a pierced screen to shield a bank of windows in the new portion of the Collegiate (Continued on page 30)
Inside-out Concrete

To be popular, all it required was a raincoat

So quickly that it must be startling to the conservative minds among us, a relatively new building material has begun to crop up in noteworthy facades here, there and everywhere—and in sizes ranging from 5x12 inch decorative blocks to 30-foot slabs of sculptured sidewalk.

The material is basically a Sunday-best concrete, mixed with white, rather than ordinary gray, cement, and with crushed quartz instead of dull stone or gravel. After it is cast in a desired shape and hardens, the surface is treated to remove the fine particles which form a smooth coating over the rough interior, and expose to view the glinting edges of the quartz crystals. This results in a product known as exposed-aggregate concrete; the rock chips used may be quite small, or range up to an inch in length, depending on the designer's wishes; and the surface texture varies accordingly.
Who Knows a Craftsman?

“We are looking to the architects of Iowa to produce an exceptionally fine list of candidates to be considered for the craftsmanship awards which will be made at the Iowa Chapter Convention in January,” said Grant Voorhees of Architects Associated as he repeated a call to architects to send in their nominations of men who do outstanding craft work.

“These awards are designed to go directly to the men who do the work, not those whose principal duties are to supervise the work of others. This is an Iowa chapter project that has, for the most part, been very well received and is one means by which the architect and the chapter can help promote interest in high quality of workmanship,” Voorhees explained.

He said his committee was primarily interested in having the names of the candidates and reasons for their nomination as early as possible in December, and he urged that all architects who know of excellent workmen forward their names along with supporting statements on the quality of the work performed. Biographical material on the individual may be obtained at a later date.

“Your awards committee would like to have a wide selection of candidates, both in terms of area of the state, and types of craft,” Voorhees said. “This gives the committee a chance to compare qualifications of men from many areas, and to recognize men from more than a few crafts.”

Building for ’71

Looking to the future in preparation for the “Class of ’71” which will enter Iowa’s schools in the fall of 1959, the Iowa Association of School Boards is presenting what it expects to be its strongest program in many years.

All members of the Iowa Chapter A.I.A. are invited to attend the meeting for some first hand conversations with the school boards which will be planning construction to serve the needs of the “Class of ’71.”

Charles Herbert of the firm of Karl Keffer Associates, Des Moines, Dr. S. J. Knezevich of the State University of Iowa and E. T. Baker, school board secretary at Rock Rapids, are to be panel members for a discussion of buildings for the class of ’71. H. W. David of New Hampton will be panel host, and Arch B. Grimes, supervisor of plant facilities for the State Department of Public Instruction, will be the moderator.

This panel session will be held in Room “D” on the balcony, the same room in which the exhibits prepared by Iowa architects on recent school construction will be on display.

The Iowa Chapter of A.I.A., in addition to exhibiting in Room D, will have a display in the regular exhibit area to direct board members to the larger and more complete showing of schools in the room on the balcony.

Five general sessions are planned by the school boards. Speakers during these sessions will include Loren L. Hickerson of the SUI Alumni Association, Robert L. Shackleford of the Bureau of Labor Statistics, Chicago; Dr. William Alexander, pastor of the First Christian Church, Oklahoma City; M. B. Hites, immediate past president of the American Textbook Publishers Association; Marvin F. Oberg, vice president of Northwestern Bell Telephone Company, and Dr. Benjamin Fine, Dean of the Graduate School of Education, Yeshiva University, New York, former education editor for the New York Times.

To the School Boards:

The Iowa Chapter, American Institute Of Architects, would like to take this opportunity to express its thanks and appreciation for the privilege of being a part of the thirteenth annual convention of the Iowa Association of School Boards.

Extra copies of our official publication “The Iowa Architect” are provided for you by members of the Iowa Chapter, A.I.A., and by our advertisers, the fine firms which many of you already know.

We sincerely hope that you enjoy this convention, the Iowa Architect and the architectural exhibit featuring some of the recent school buildings in the state. The architectural exhibit, located in Room D on the balcony of the auditorium, is the first such exhibit planned for your convention but we hope that it will be the first of many.

Members of the Iowa Chapter are proud to be part of the educational “team” and congratulate the school boards for the excellent way in which Iowa is being boosted toward being one of the nation’s finest educational states.

Public Relations Committee
Iowa Chapter, A.I.A.
About School Equipment: Who's Your Consultant?

BY DICK PIGOTT,
Assistant Manager, Pigott Supply Co., Des Moines

The problem of finding the best method of planning and purchasing school equipment is one which has been occupying the attention of many architects, school officials and school equipment men in recent months. One of the reasons for this increased interest is the need for assistance that is felt by many school administrators and school board members when choosing the complex equipment requirements of the modern high school.

School administrators, like architects, are required to be masters of many trades; they are executives, educators, bus line operators, politicians, public relations men, salesmen, restaurant operators, personnel managers, financiers, and are expected to be able to pinch-hit as teachers in any field. With such prodigious demands on their time and talents, it is no wonder that few of them are able to take the time from their duties to prepare themselves as experts on equipment planning for a new building program.

On the other hand, many an architect has had the experience of seeing the functional and aesthetic qualities of his "brain children" diminished by inexpert equipment planning. To be most successful, the design of the equipment layout must be compatible aesthetically with the design of the building, and must conform to the envisioned function of the particular space involved. It must be emphasized that a good school building will not function at its best without equally good equipment planning.

The first instinct of the client is to turn to the architect for the solution to his equipment problem, as he has for the solution of the other problems encountered during the building program. This presents some difficulties to the already overburdened architect. He has, of course, considerable knowledge and experience concerning the functions of the areas he designs, but he has had less time to become thoroughly familiar with the tremendous variety of school equipment available to help perform these functions.

In some states an individual equipment consultant has made his services available to several architectural firms on a basis similar to that of the consulting engineer. This method has not been wholly successful.

A more successful solution—at least in the more populous states—has been the establishment of "educational consultant" firms that are independent of the architectural firms and work for the school districts on a fee basis. These educational consultants frequently also assist the owner in setting up the basic requirements for building design, and in some cases the architect works closely with them. It is to be noted (Continued on page 34.)
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Convention a’Comin’

Aimed at informing Iowa architects so they may keep pace with the changing technologies as new materials, devices and developments appear, the 1959 Convention Committee of the Iowa Chapter A.I.A. has selected “New Concepts in Materials and Construction” as the theme for the annual conclave which opens at the Hotel Savery, Des Moines, January 29, 1959.

Stan Ver Ploeg of Savage and Ver Ploeg, West Des Moines, convention chairman, said the committee was seeking (and had already secured some) speakers who will present discussions of the newest in materials and methods, and who also can forecast with reasonable accuracy some of the developments which can be expected in this area.

“We are reasonably certain of having a big name in architecture as our banquet speaker,” Ver Ploeg said. “Of course we can not announce his name until the acceptance and arrangements are final.”

Some of the “new” concepts or developments which are to be discussed include “electric heating,” “plastics in construction,” “adhesives in construction,” and “spray-on coatings.”

Chairman Ver Ploeg said the list of subjects was being expanded and the final program would include a line-up of material that would be of interest to every architect in the state.

Assisting the chairman in the convention planning are: Charles Herbert of Karl Kefler Associates; Walt Hotchkiss of Amos Emery & Associates; Herb Shane of Tinsley, Higgins, Lighter & Lyon; John Wetherell of Wetherell & Harrison; Harold Payne of Russell & Lynch, and Mrs. Bill Woodburn.

Chairman Ver Ploeg explained that the committee was operating as a single unit for common discussion of all phases of the convention, but that for administrative purposes these assignments of convention responsibility had been made:

Registration, Charles Herbert; entertainment and refreshments, Walt Hotchkiss; hotel, Herb Shane; program, John Wetherell, and guests, Harold Payne. Mrs. Woodburn is serving as general chairman for the women’s program.

General outline of events for the convention will follow the pattern of previous years, with the first scheduled convention event being set as the business meeting Thursday evening. A social hour will be arranged for the ladies for the same period of time.

Registration will begin, according to current plans, Friday morning and will continue throughout the day.

President Wayne Lyon said he planned to appoint the nominating committee well in advance of the convention so that its members could present a

Continued on page 20
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CONVENTION A’COMIN’
(Continued from page 14)

report during the Thursday evening business meeting and elections could be held Friday morning.

Lyon and Ver Ploeg agreed that the establishment of an exact time for the election would permit the members to know exactly when to be on hand for the event, and also would prevent either the election or other business from being rushed as part of another business meeting.

Friday morning and afternoon, the program will be devoted primarily to subjects related to the theme.

The luncheon Friday, to which the ladies have traditionally been invited, will this year feature a speaker whose subject will permit the listening architects to predict their own future in the profession.

Social events Friday evening will open with a hospitality hour and will be followed by the banquet and a dance.

Presentation of the “Craftsmanship Awards” of the Iowa Chapter, A.I.A. will be one highlight of the annual banquet Friday evening as architects and their guests gather to honor men whose work is outstanding within a craft.

Saturday morning’s program will include the final business session of the convention with decisions to be made on programs for the 1959 year.

One event of interest to many architects throughout the state will be the appearance of a representative of the firm of V. O. Shimmerer & Co., Washington, D. C., who will discuss the professional liability insurance program which already has received approval of the A.I.A. National Committee on Insurances. Ver Ploeg said the exact time of this discussion has not yet been determined.

Official Notice

Proposed Amendments to By-Laws

In accordance with direction of the Executive Committee, official notice is hereby given to corporate members and associates of The Iowa Chapter, A.I.A., that the resolutions herein listed will be presented for adoption at the regular business session of the annual meeting in Des Moines, Iowa at 7:30 o’clock P.M., January 29, 1959.

ANNUAL CARDS

WHEREAS Chapter By-Laws presently require the Treasurer to collect amounts due this Chapter and receipt for same the following resolution is proposed to expedite handling of dues and issuance of Annual Cards:

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A D V E R T I S I N G

T U T O R I T E OF A R C H I T E C T S IN R E G U L A R B U S I N E S S S E S S I O N AT THEIR ANNUAL MEETING AT Des Moines, Iowa, at 7:30 o'clock P.M., January 29, 1959, that the presently existing By-Laws of the Corporation be amended to substitute the word "Treasurer" where the word "Secretary" presently appears in Article 17, Section 4, Membership Cards and Certificates, Paragraph (a):

(Present wording:)

When a member, associate, junior associate or student associate is enrolled in this Chapter, and each year thereafter, on the day he pays in full his annual dues required to be paid by him, the Secretary shall issue to him an Annual Card. Every such card shall be signed by the Secretary and state on its face the period for which it is issued, whether the person is a member, associate, junior associate, or student associate of this chapter, and such other matters as the Executive Committee prescribes from time to time.

ADMISSION FEES

Whereas an admission fee is presently required by the Chapter of associates but not of members, junior associates nor student associates, and no special benefit consistent with this fee is derived by the Chapter nor the new associate, the following resolution is proposed:

NOW THEREFORE BE IT RESOLVED by the voting members of the Iowa Chapter of The American Institute of Architects in regular business session at their annual meeting in Des Moines, Iowa, at 7:30 o'clock P.M., January 29, 1959, that presently existing By-Laws of the Corporation be amended to substitute the following proposed wording for the present wording of Article 3, Section 4, Cost of Associateship:

(Present wording:)

Now therefore be it resolved that the Treasurer of the Iowa Chapter of The American Institute of Architects in regular business session at their annual meeting in Des Moines, Iowa, at 7:30 o'clock P.M., January 29, 1959, that presently existing By-Laws of the Corporation be amended to substitute the following proposed wording for the present wording of Article 3, Section 4, Cost of Associateship:

(Present wording:)

Every applicant for an associateship shall pay $5.00 to this Chapter as an admission fee to such associateship, and every associate shall pay $7.50 as an annual dues to this Chapter.

(Proposed wording:)

(a) There shall be no admission fee for associateship in this Chapter.

(b) Every associate of this Chapter shall pay $7.50 to it, as annual dues.

BE IT FURTHER RESOLVED that the Treasurer of the Iowa Chapter of The American Institute of Architects be hereby directed to remit to associates of this Chapter any and all admission fees collected after January 1, 1958.

CALENDAR

1959

Convention, Iowa Chapter A.I.A., Jan. 29-31
Regional Conference, Des Moines, Oct. 7-9
DESIGNED BY IOWA ARCHITECTS

All members of the American Institute of Architects in Iowa were invited to submit sketches or photographs of current school projects for this issue, which is distributed at the convention of the Iowa Association of School Boards as well as mailed to the magazine's customary readers. This section is composed of material which arrived early enough for publication and could be readily reproduced in black and white. A considerable amount of additional work is represented in displays at the convention.

CLOVIS GROVE ELEMENTARY (Shown on the Cover) Menasha, Wis. Completed 1958, occupied fall 1958. Layout provides northeast exposure and view toward public park for all classrooms. K6, with 12 classrooms, two kindergartens. The structure includes a large central kitchen for this school and five outlying schools.

OSKALOOSA HIGH SCHOOL, Oskaloosa, Iowa. Located on 30-acre hilly site, it has wood, metal and farm shops, music wing with band, orchestra and practice rooms; exterior is brick and stone with plaster haydite and glazed tile wall interiors. Steel joists and columns are properly fireproofed. Mechanical plan includes sound system conduit for TV.
ELDORA ELEMENTARY SCHOOL. ELDORA, IOWA. BROOKS-BORG, DES MOINES, IOWA

This unit has more than 40,000 square feet, a structural system of bar joist, concrete slab and precast struts. The exterior is face brick with haydite back-up. It contains 18 classrooms plus administrative and service areas; is partly one story, partly two stories. Heat is by a double-duct air system.

TIPTON ELEMENTARY SCHOOL. TIPTON, IOWA. K4 WITH TEN CLASSROOMS. KARL KEFFER ASSOCIATES, DES MOINES
FOREST CITY HIGH SCHOOL. ALUMINUM CANOPIED ENTRY. THORSON, THORSON, & MADSON, FOREST CITY

FOREST CITY HIGH SCHOOL. Financed by a $650,000 bond issue, this school is scheduled to be completed in the fall of 1959. This view shows the structure from the southeast with the aluminum canopy along the curving drive. Gray brick with accent areas of turquoise and mocha brown brick is being used on the exterior.

TIPTON ELEMENTARY. Aluminum window curtain walls and face brick are the exterior finishes of this 20,440 square foot structure scheduled for completion about January 1, 1959. Designed for expansion, it contains two kindergarten rooms and 10 classrooms. Corridors are terrazzo. The cost is approximately $274,000, including site preparation.

BIG FOOT HIGH SCHOOL. Partially occupied as this school year began, this structure includes 18 classrooms, plus three shops, band, choral and music practice rooms, library, stage and auditorium, kitchen, gymnasium and locker rooms, administrative areas, and a large lobby. In this view the auditorium and stage element can be seen at the left of the rendering.
NORTH HIGH SCHOOL, DES MOINES. ENTRANCE DETAIL. WETHERELL & HARRISON, DES MOINES.

MULTI-COURT GYMNASIUM SHOWN HAS SEATING FOR 4,200; PARKING FOR 650 CARS PROVIDED.
NORTH HIGH SCHOOL. Planned for future expansion through addition of classroom wing and second floor additions, North High is in its second year of use. The structure has 216,800 square feet of area to serve 1,450 students. Auditorium seats 1,800; gymnasium seats 4,200, and swimming pool 910. Exterior is face brick, insulated metal panels, glass block and granite. Cost, excluding site and fill costs, $3,133,929.

MITCHELL ELEMENTARY SCHOOL. A combination of the general purpose room with a portion of the central hallway marks this structure which was put into use this year. Lighting in the general purpose room is supplemented with dome-type plastic skylights, and the room may be separated from the hall by the use of draperies. Another feature is the use of administrative and service facilities to form a core for the structure. It has 31,800 square feet, serves 450 pupils and cost $445,900.

INTERIOR VIEW SHOWS KINDERGARTEN ROOM WITH TABLES AND STORAGE AREAS, MITCHELL SCHOOL.
DOUBLE-UNIT ELEMENTARY SCHOOL, SCHLESWIG, IOWA. COVERED PLAY AREA AND COURT. SAVAGE & VER PLOEG, WEST DES MOINES.

SCHLESWIG INDEPENDENT SCHOOL. Steel window wall with pre-cast stone panels. Double-loaded corridor, 24,449 square feet. $279,551. Paul McCorkle Construction Co., Sac City.

BATTLE CREEK HIGH SCHOOL, BATTLE CREEK, IOWA. TWO OPEN COURTS. N. CLIFFORD PRALL, DES MOINES.

BATTLE CREEK HIGH SCHOOL. Two open courtyards and domed skylights mark this educational unit which is proposed as a junior and senior high school. This design did not include spectator seating arrangements, although an exercise room was provided.

FORT MADISON HIGH SCHOOL. Exterior of curtain wall employing an insulated panel faced with ceramic tile; glare reduction provided by use of lustra-gray glass throughout. Its 87,000 square foot area includes gymnasium seating 2,200, little theatre, library, three shops, art and drafting areas, a combination dining-student center—multi-purpose area, and 16 general class rooms. Designed for expansion to handle 1,000 students. Cost $1,120,000.

FORT MADISON HIGH SCHOOL. LUSTRA-GRAY GLASS FOR GLARE REDUCTION. KARL KEFFER ASSOCIATES, DES MOINES.
MONMOUTH JUNIOR HIGH SCHOOL. Red face brick, stone and steel curtain wall form the exterior of this structure. The second floor and all one-floor portions are framed with light steel, the first floor portion is of reinforced concrete. The decorative grille at the main entrance is of precast concrete. Contains 38,300 square feet. Cost $476,553.

REGINA HIGH SCHOOL, Iowa City. Building, equipment and stage, $1,045,838; Gymnasium, cafeterium, kitchen, 15 classrooms and laboratories, library, music department, shop with drafting room, 70 acres of 110 developed. Contractors: Frantz Construction, (general), Boyd & Rummelhart (mech.), Russell Electric, all of Iowa City.

JUNIOR HIGH SCHOOL, MONMOUTH, ILLINOIS. DECORATIVE GRILLE ENTRY. PARISH & RICHARDSON, DAVENPORT.

REGINA HIGH SCHOOL, IOWA CITY, INCLUDING SISTER HOUSE AND PRIEST'S LIVING QUARTERS. ARCHITECTS ASSOCIATED, DES MOINES.
The Iowa Architect has an important function outside the profession.

To the layman . . . the public official . . . the professional associate . . . the chapter publication can be a regular reminder of the importance of good design, of sound construction and of esthetics embodied in construction.

Who, in your opinion, should be receiving the magazine? Editor Harold Ballington will appreciate your suggestions. The publication is mailed without charge to persons whom chapter members regard as strategic or influential.

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WRITE FOR OUR CATALOG

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Inside-out Concrete
(Continued from page 10)

Presbyterian church at Ames, and to blend with the Gothic style of an existing structure, Prof. Leonard Wolf made each unit only 5x12 inches so the weight (about 60 pounds each) would not require use of a crane to lay them in place.

BRITISH ARCHITECTS
SET 1959 DATES

The Royal Institute of British Architects has invited Iowa members of the American Institute of Architects to attend the 1959 Conference of the Institute at Cardiff, June 10 to 13.
IOWA CONCRETE BLOCKS ARE BUILT UP TO QUALITY
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In this time of high production and automatic machinery almost every company is trying to cut production costs—and this is good. However, in this race to cut costs, too many are overlooking Quality.

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• EVEREADY BRICKSAW COMPANY None better in the way of saws and blades. We feature the new "TUFFIE" non-breakable blade.

• THE PAM COMPANY Manufacturers of the famous BOETCHER DUBL-DOME TRIPLE LAYER SKYDOME. It is interesting to note there is over 5 times the heat transfer through a single-walled skylight as through the DUBL-DOME (triple-layer) skylight.

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STEWARD, ROBISON, LAFFAN ESTABLISH NEW FIRM

Harold J. Stewart, A.I.A., Doug Robison, A.I.A., and William J. Laffan, all formerly of the firm of Louis C. Kingscott and Associates, Davenport, have announced the formation of a new architectural firm to be known as Stewart, Robison and Laffan. Office of the firm is in the Priester Building, 601 Brady St., Davenport. Herbert Tyler will operate his own designing firm in offices occupied by the group.

Stewart has been associated with the Kingscott organization for the past six years and previously was with the Seth J. Temple organization. Robison has been with Kingscott for five years and previously was with architectural firms in Iowa, Illinois and Wisconsin. Laffan has been a member of the Kingscott organization for the past six years.

"PRESIDENTS' FORUM" IS REGENTS NEW FILM

The State Board of Regents announces a new 16mm motion picture spotlighting its needs for new construction. It features the presidents of the state's three institutions of higher education. The film is available without charge and provides a visual report on one of the critical problems now facing Iowa State College, the State University of Iowa, and Iowa State Teachers College.

Dr. Virgil M. Hancher, SUI, Dr. James H. Hilton, ISC, and Dr. J. W. Maucker of ISTC are featured in the film. It may be obtained from the Visual Instruction Service, Iowa State College, or Bureau of Audio-Visual Instruction, State University of Iowa, East Hall, Iowa City.

"CHEAP SCHOOLS COST MOST"

"It would seem that our new school buildings are the best building bargain on the market at the present time," is the conclusion drawn by Washington architect John W. McLeod in an article appearing in the October issue of Parents Magazine titled "Cheap Schools Cost the Most."

McLeod, vice-chairman of the AIA Committee on School Buildings, points out that while construction costs in general have risen 275% over the past 20 years, percentage-wise, school costs have gone up only a little more than half that amount. He illustrates how clearly higher maintenance charges for cheap schools soon add up to a lot more money than the initial cost of quality construction.
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About School Equipment:
(Continued from page 12)

that the fee charged by an educational consultant may be higher than that charged by architects for the same work.

Another practice in school equipment planning has been to turn for assistance to the trained equipment specialists on the staffs of some school equipment distributors or manufacturers. This service is usually free and has proved generally satisfactory; the major disadvantage being the problem of bias on the part of the consultant in favor of his own products. This consultant could, perhaps, manipulate design and specifications in such a way as to limit or eliminate competition with resulting disadvantage of the owner. Or, he could do a good, honest job of keeping the bidding open to all desirable bidders thereby doing the owner a great service. The competent and ethical equipment layout designer will have a broad knowledge of the school equipment field and will be able to utilize in his designs products that are standard items in several manufacturers’ lines, thereby eliminating many “specials” and assuring fair competitive bidding and maximum value. He will avoid over-equiping the building and will effectively coordinate the equipment layout with the educational, architectural and economic requirements of the individual job.

DIRECTORY OF ADVERTISERS

The Iowa Architect welcomes a number of new advertisers for this issue, with special emphasis on school design and extra distribution to school board members.

The following firms appear in this issue, or are among our regular advertisers:

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Architect Jos. W. Radotinsky says the installation is "proving very satisfactory. Coaches and players as well as visiting coaches, players and officials have commented quite favorably on the resiliency of the floor... it is a first-class installation. As architects, we will be pleased to recommend this floor to clients." Similar comments on the nearly one-half million feet of PermaCushion floors now in use attest to its acceptance.

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