

IOWA ARCHITECT

Official publication of

IOWA CHAPTER

AMERICAN INSTITUTE OF ARCHITECTS



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FEB 7 1962

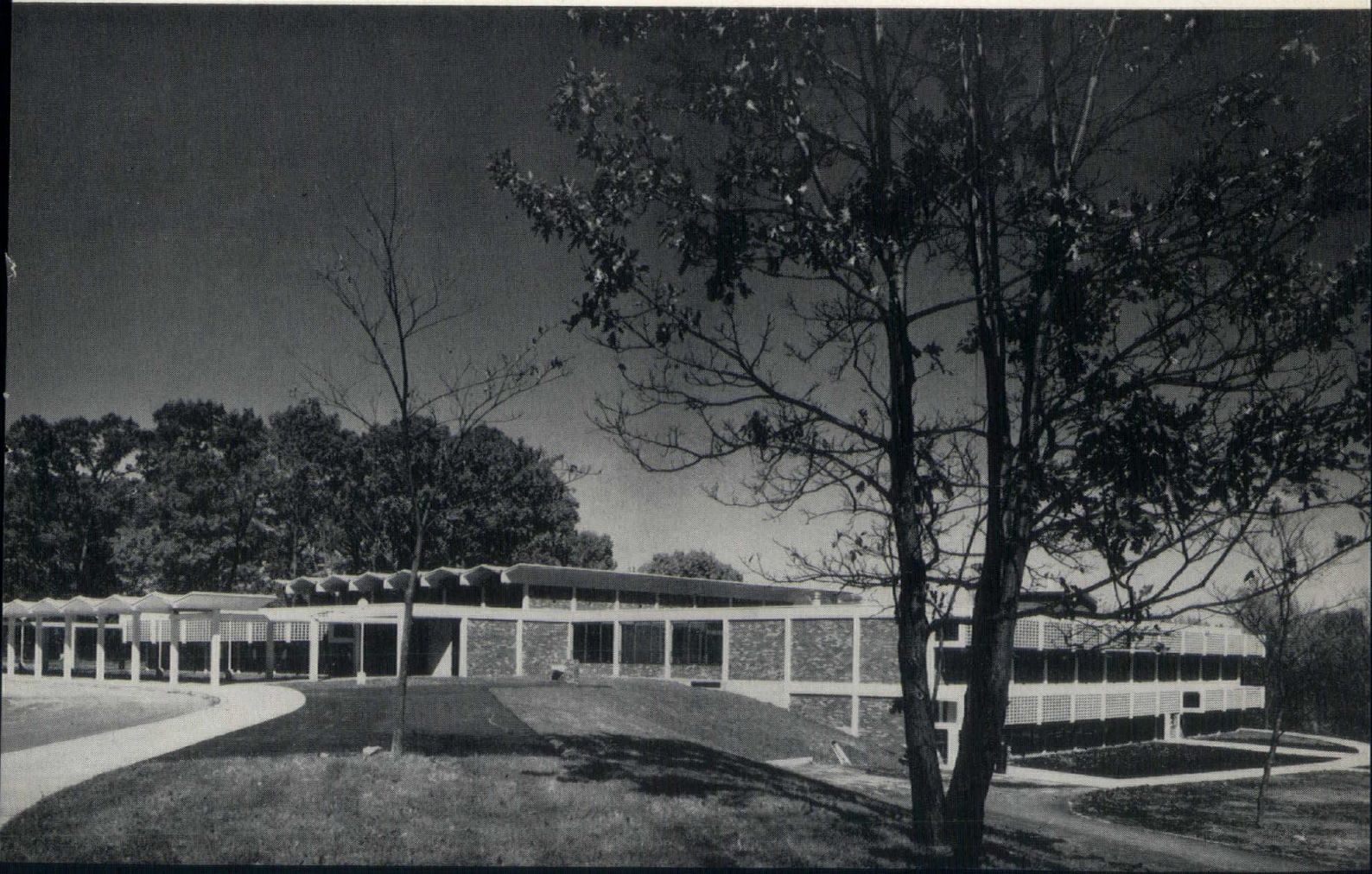
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NOVEMBER - DECEMBER 1961

VOL. VIII

NO. 6

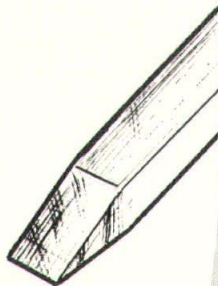


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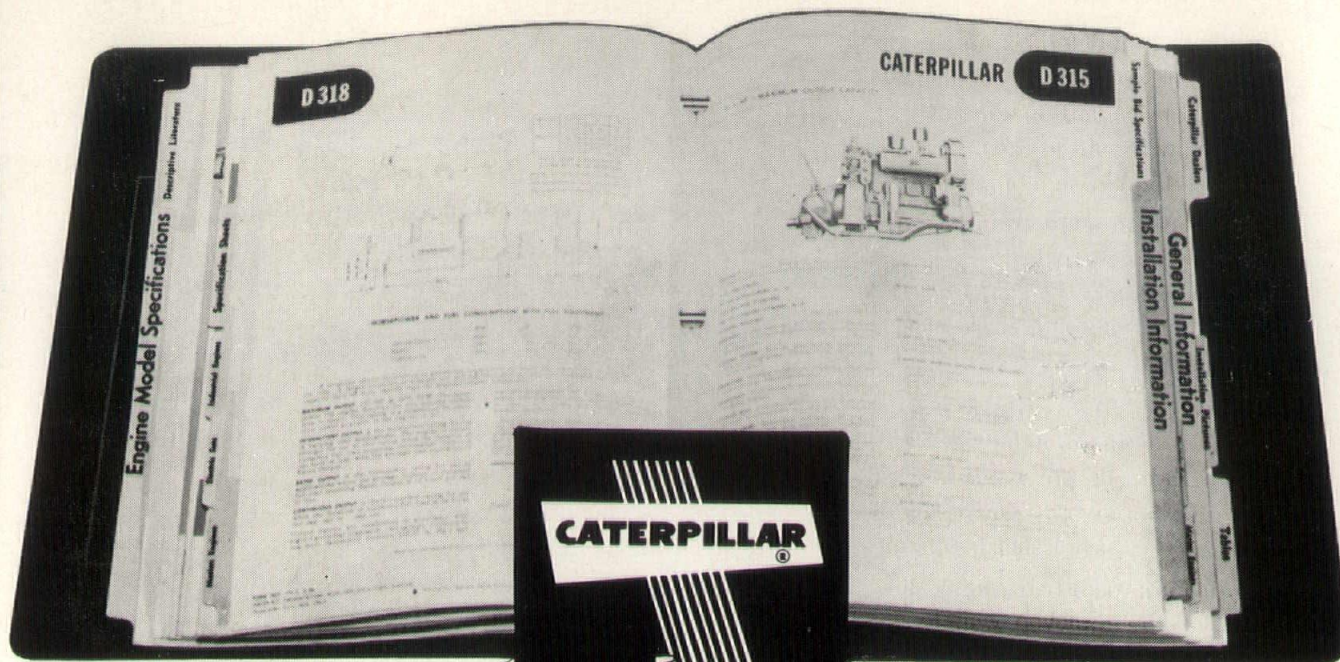
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IOWA ARCHITECT

Iowa Chapter, American Institute of Architects

CONTENTS

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Convention program 6

The invisible city..... 7

Impressions of Mexico..... 8

DESIGN BY IOWA ARCHITECTS.....13

St. Joseph's School, Chelsea

St. Jude Grade School, Cedar Rapids

Mid-Prairie Community High School, Wellman

Stilwell Junior High School, West Des Moines

Fillmore Elementary School, Cedar Rapids

Truman Elementary School, Cedar Rapids

Walsh High School, Ottumwa

West Sioux Community High School, Hawarden

Student Union, Morningside College, Sioux City

Gehlen Grade School and Convent, LeMars

Western Dubuque Community Junior-Senior High, Epworth

Marion High School, Marion

Blackhawk Elementary School, Burlington

Longfellow Elementary School, Des Moines

Perry High School, Perry

Turkey Valley Community School, Lawler

Personal and Professional.....26

School Boards Display.....32

THE COVER

Adams Elementary School designed by Crites & McConnell, Cedar Rapids. Additional information is to be found on page 14. Photo by Julius Shulman.

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.

1962 Convention Program - Iowa Chapter A.I.A.

Hotel Savery, Des Moines, January 25, 26, 27

Thursday, January 25

- 12:30 p.m. Registration
Mezzanine
- 1:30 p.m. Roofing Seminar
Iowa Chapter, Producers' Council
(Register at Hotel)
Grand Ballroom
- 6:30 p.m. Ladies' Dinner
West Room
Program—Portrait in Oil
DIMITAR KRUSTEV
- 9:00 p.m. Chapter Business Meeting
(To Receive Report of the Nominating
Committee)
Grand Ballroom

Friday, January 26

- 9:00 a.m. Motion Picture—Second United States
Des Moines Room
- 9:30 a.m. BUSINESS MEETING
Coffee, Milk, Rolls
Des Moines Room
- 12:00 noon LUNCHEON
DEAN JOSEPH PASSONEAU, A.I.A.
*School of Architecture,
Washington University*
"THE INVISIBLE CITY"
Terrace Room

- 2:15 p.m. DON KNUTSON, President
*The Knutson Co.,
Standard Construction Co.*
"GROWTH OF A DREAM — THE
GATEWAY CENTER"
Des Moines Room
Ladies' Program
"What's New in '62"
MRS. VIRGINIA PIGOTT, Interior Decorator
Grand Ballroom

- 6:30 p.m. Cocktails
Des Moines Room

- 7:30 p.m. Awards Banquet
ANGUS MCCALLUM, A.I.A.
Past President, K. C. Chapter, A.I.A.
"WHERE HAVE WE BEEN?"
Terrace Room

- 9:30 p.m. Dancing — Jack Cole and Orchestra
Des Moines Room
Terrace Room

Saturday, January 27

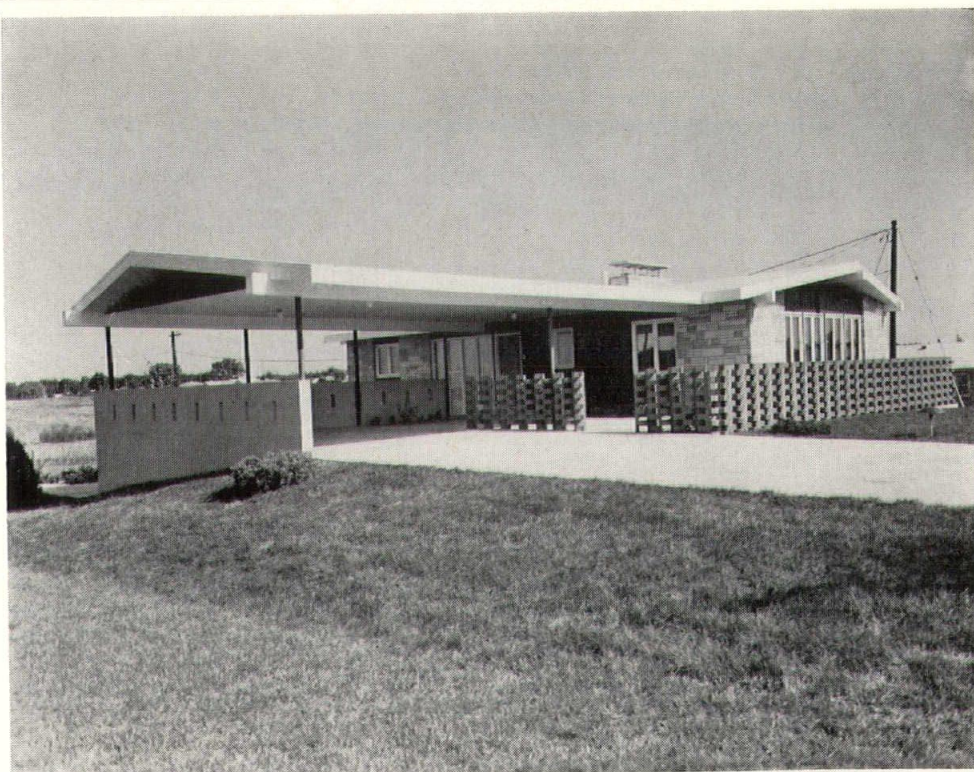
- 9:00 a.m. Film: "Blueprint for Better Schools"
Des Moines Room
- 9:30 a.m. BUSINESS MEETING
Des Moines Room
- 12:30 p.m. Executive Committee Meeting

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CULMINATING A PERIOD which has seen great interest in the rebuilding of two portions of Des Moines as an urban renewal project, and with the preservation of city center values a subject of consideration in every city, the 1962 convention of the Iowa Chapter is aimed at "The Invisible City," and Dean Joseph Passoneau, A.I.A., of the Washington University School of Architecture, St. Louis, has the keynote task at the luncheon Friday, January 26.

Fulfillment of a dream in the growth of an urban renewal project is the subject to be covered by Don Knutson of Minneapolis, who has been the prime mover behind the development of more than 40% of downtown Minneapolis. A dynamic personality who has been the lever which moved the project into being, he has reported the development is now two years ahead of his expected schedule, and more than \$55,000,000 in construction is underway or under contract.

Mr. Knutson has seen his dream grow without having called upon aid from public funds. His story will detail the development of that city center project—"The Gateway Center."

Angus McCallum of Kansas City, Mo., has accepted the assignment of addressing the architects, their ladies and guests at the Awards Banquet Friday evening and has chosen as an intriguing title for his talk, "Where Have We Been?"

The 1962 convention will formally convene for the first time at 9:30 a.m., Friday, January 26, but pre-convention activities will begin at 1 p.m. Thursday when the Iowa Chapter of Producers' Council, Inc., will begin presentation of a six-hour seminar on roofing. There will be a cocktail period and dinner during this seminar, for which registration will be taken at the Hotel.

The program for the ladies begins shortly after 6 p.m. in the West Room and dinner will be served there for the ladies at 6:30 p.m. Ladies' Program Chairman Kay Prall has arranged for Dimitar Krustev, Bulgarian born artist, to present a film and discussion on the subject of "Portrait in Oils." Mrs. Virginia Pigott, interior decorator, will present the Friday afternoon program on the subject, "What's New for '62" and has recently returned from the major showings of spring styles and colors.

President Ray Bergquist, Vice President Robert Savage and Secretary Rich Goewey have been working with committee chairmen during the past two months lining up subjects which the chapter can discuss at business meetings Friday and Saturday mornings. A preview of the subjects to be discussed was given at the Chapter meeting December 5 in Des Moines when most committee reports were heard. Major decisions are to be

The invisible city



KNUTSON

asked in the fields of educational aids and legislative, as well as those of chapter activities for the year 1962.

Thirteen firms have signified their intention of entering the First Iowa Chapter Honor Awards Program and it is expected that more than 44 entry mounts will be hung on displays in the mezzanine of the Hotel Savary.

Distinguished Craftsmanship Awards will be presented to Craftsmen and Construction Superintendents as a phase of the Awards Banquet.

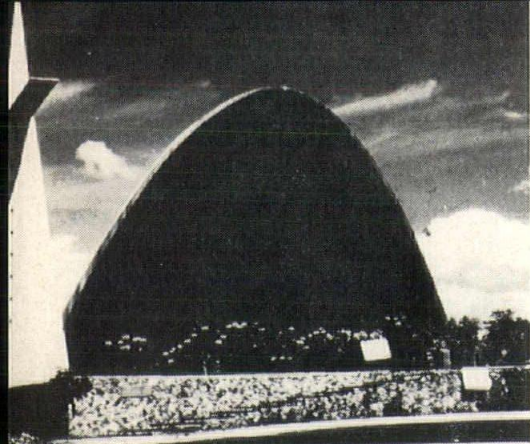
Architects who have become corporate members of the A.I.A. since January of last year will be presented their membership scrolls at the luncheon on Friday afternoon and new members of the chapter will be introduced.

James A. Lynch has handled convention preparations, accepting the assignment as chairman upon request of the Executive Committee after Chick Herbert asked relief from the post. Herbert, who founded his own practice in 1961, had requested that he be relieved from the convention chairmanship because business and personal commitments would prevent him from handling the convention. Assisting Lynch were: Herb Shane, Clarence Olson, Jack Shelledy, Merle Redfern, and Hal Bullington.



LYNCH





CHURCH: GUERNAVACA, CANDELA.



VIEW SOUTH ACROSS NORTH COURTYARD, MONTE ALBAN.



NORTH PLAZA, MITLA.



SANTO DOMINGO, OAXACA.

impressions of Mexico

by James A. Lynch

Helen and I were privileged to visit Mexico last fall in the company of a number of other architects on a seminar tour arranged by T. H. Hewitt of Houston, Texas. While it would be presumptuous of me to pass myself off as an expert in the architecture of our neighboring country, I still feel that my impressions of the country and its people might be of interest to architects in Iowa.

Our tour might be divided into several categories: (1) Pre-Columbian, (2) Spanish influenced and, (3) modern architecture. (1) We visited three Pre-Columbian sites in Mexico, a brief stop at Cuichilco near Mexico City (said to be four thousand years old) and the ruins of Monte Alban and Mitla, built by the Zapotec Indians near the city of Oaxaca.

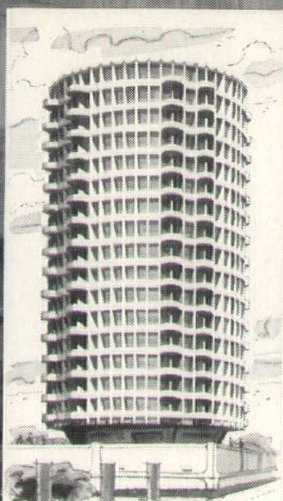
Monte Albán is interesting historically for several reasons. While briefly being held by the Mextec Indians it became a depository for some of the finest examples of Indian jewelry, pottery and works of art discovered in Mexico. Since Monte Albán was deserted by the Zapotecs around 1200 A.D., nature reclaimed it and hid it from the looting of the Spanish conquerors so that it remained virtually hidden until recently. It is quite distinctive in plan with broad courts surrounded by

temples, altars and grandstands for the religious pageants. The entire city was apparently used only by the Zapotec's during their religious holidays, and was inhabited by only the high priest and the tribe's chieftain. The scale and use of geometric form is still breathtaking today as you view the ruins from the top of the surrounding foothills. The main city is on top of a mountain which was first leveled by the Indians (a monumental job when you consider that they had no machinery or animal power). The complex is approximately two and one-half blocks in length and over a block wide. It is laid out with the compass and certainly by design, not just chance.

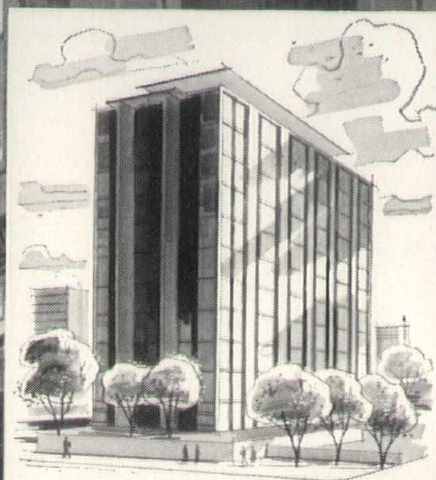
For some reason lost in antiquity, the Indians deserted this city around 1200 A.D. and moved about 40 miles away to found a new city called Mitla. The Indians inhabited this site at the time of the conquest in 1523. Since the Indians embraced a pagan religion, the Spaniards felt that it was necessary to destroy Mitla. The roofs of buildings were burned, walls defaced and the Indians enslaved, but the ruins testify to the excellence of their craftsmanship. The buildings were richly decorated in bas reliefs of geometric mosaic with each piece of stone ground to fit perfectly without mortar. Mitla is much smaller in size and much more finely detailed than Monte Albán. It creates the impression that the Indians changed somewhat in their ideas since the one is grand in scale and awe inspiring while the other is human in scale and approaches intimacy.

We visited briefly in San Miguel Allende, Taxco and Oaxaca. In each city we were privileged to visit homes

(Continued on page 28)



San Francisco. Co-operative apartments planned for city's 108-acre Western Addition. Architect: Donald Powers Smith, AIA, San Francisco, Calif.



Philadelphia. Award-winning design for men's dormitory, Temple University, Architects: Nolen & Swinburne, AIA, Philadelphia, Pa.

URBAN RENEWAL for America has become urgent renewal ... and concrete is given a vital new role

Not only slums need rebuilding today. There's decay, too, in "better" neighborhoods and in business and industrial areas. To this problem add the need to accommodate 55 million more people in the next 15 years, and urban renewal becomes *urgent* renewal, deserving the best every American can give it!

Urban renewal is now underway in 45 of our 50 states. Cities claiming half the nation's total urban population are restoring, reconstructing, tearing down and building anew . . . safeguarding property values and preventing the further spread of blight.

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and everything from new sidewalks to water mains and better sewers. Parks, recreation centers, playgrounds are in the master planning, too.

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The "Gaslight Era" of the early 1900's was brought to life for architect guests of the Master Builders of Iowa during that organization's 50th Anniversary Convention in December and these members of the Iowa Chapter donned the facial adornment and chapeaux of the period as well as the mien for this posed picture. A careful study will disclose the identity of the faces behind the brushes.

In the photo below, also from the M.B.I. anniversary party, are the six lovely girls whose costumes, personal charms and gracious manner added a most enjoyable touch to the party. A careful study of this photo is also pleasant.



Roger Oleson Heads Master Builders

ROGER P. OLESON of Jens Oleson & Sons Construction Co., Inc. of Waterloo, has been chosen head of the Master Builders of Iowa for the year 1962. The election came as the organization marked its 50th anniversary at a convention which blended the atmosphere of the gaslight period with the problems of modern construction.

Other officers chosen were: R. E. Gleeson, of W. A. Klinger, Inc., Sioux City, vice president; Henry W. Youngquist, Drape Construction Co., Waverly, Secretary, and Fane F. Vawter, of Fane F. Vawter Co., West Des Moines, the treasurer.

Members of the Board chosen were: A. R. Jorgensen, of O. Jorgensen & Sons Construction Co., Inc., Clinton; E. A. Thorbrogger, Stolz Construction Co., Inc., New Hampton; Jack J. Buehner, Henkel Construction Co., Mason City; Gilbert DeStigter of DeStigter Bros., Sioux Center, and Paul McCorkle of Paul McCorkle Construction Co., Sac City.

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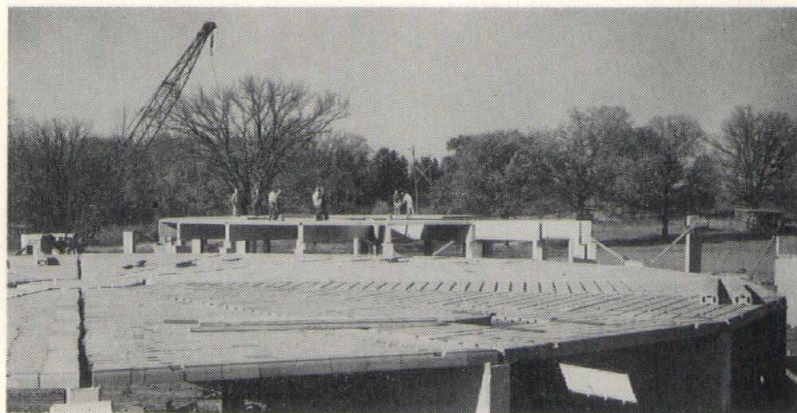


Charles City Senior High School
Charles City, Iowa

ARCHITECT: The Griffith Company
Fort Dodge, Iowa

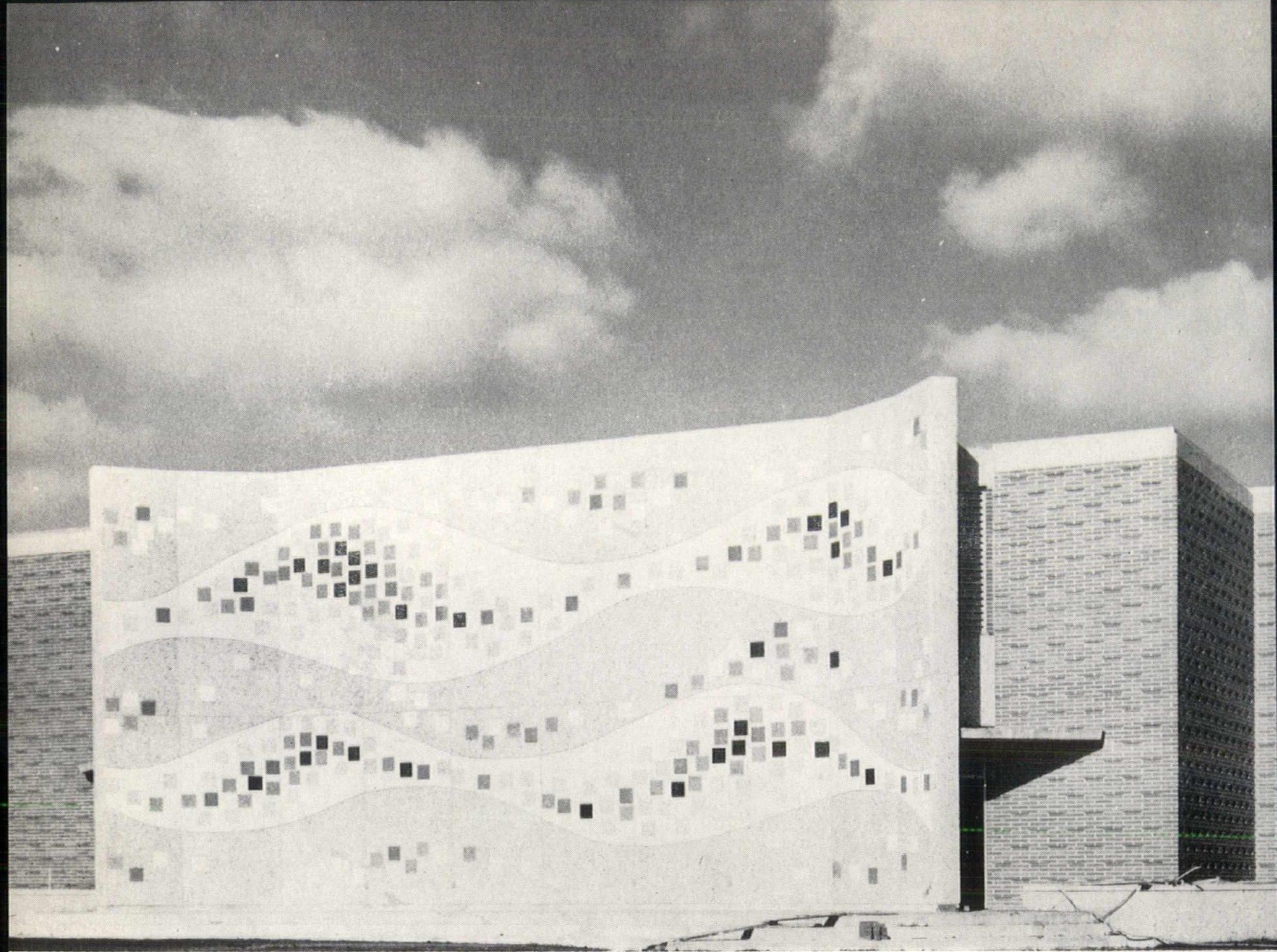
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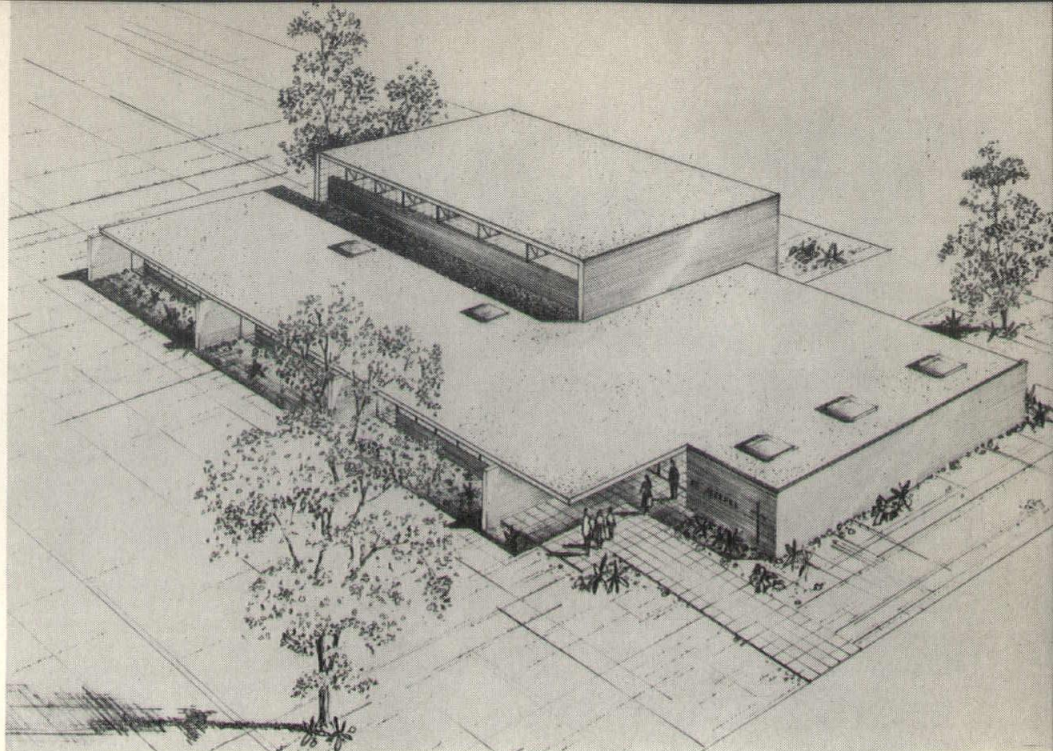
MURAL—MUSIC BUILDING BAND SHELL
STATE COLLEGE OF IOWA, CEDAR FALLS.
THORSON AND BROM, ARCHITECTS
DAVID DELAFIELD, ARTIST

Exact locations for the colored squares which illuminate the mural were determined by the use of full scale drawings made on wrapping paper. Squares are of five colors, and the background is of two colors. Entire surface is of exposed aggregate. The 28' high mural has one horizontal joint at the center.



MIDWEST CONCRETE INDUSTRIES
WEST DES MOINES, IOWA

SAINT JOSEPH'S SCHOOL. Designed for 160 students, parish programs and functions, this community school has four classrooms, 40 by 60 foot multipurpose room, library, office, kitchen, bookstore and storage. Construction: brick bearing wall, long span metal deck and face brick and glazed brick exterior; acoustic ceilings, hot water unit ventilators, fluorescent lights, glazed brick and ceramic tile lavatories, vinyl asbestos floors. Contractor: Bowers Construction Co., Montezuma. Now under construction. \$12.45 per square foot. Total cost: \$127,626 (including all alternates and septic tank).

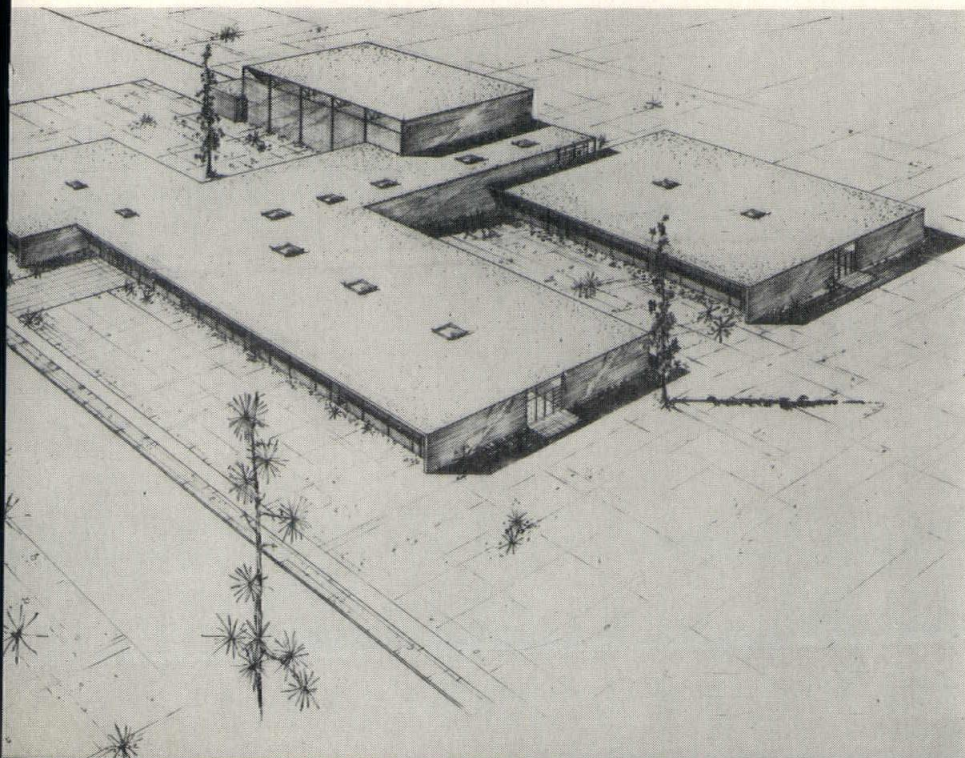


ST. JOSEPH'S SCHOOL, CHELSEA. LEO C. PEIFFER AND ASSOCIATES, CEDAR RAPIDS.

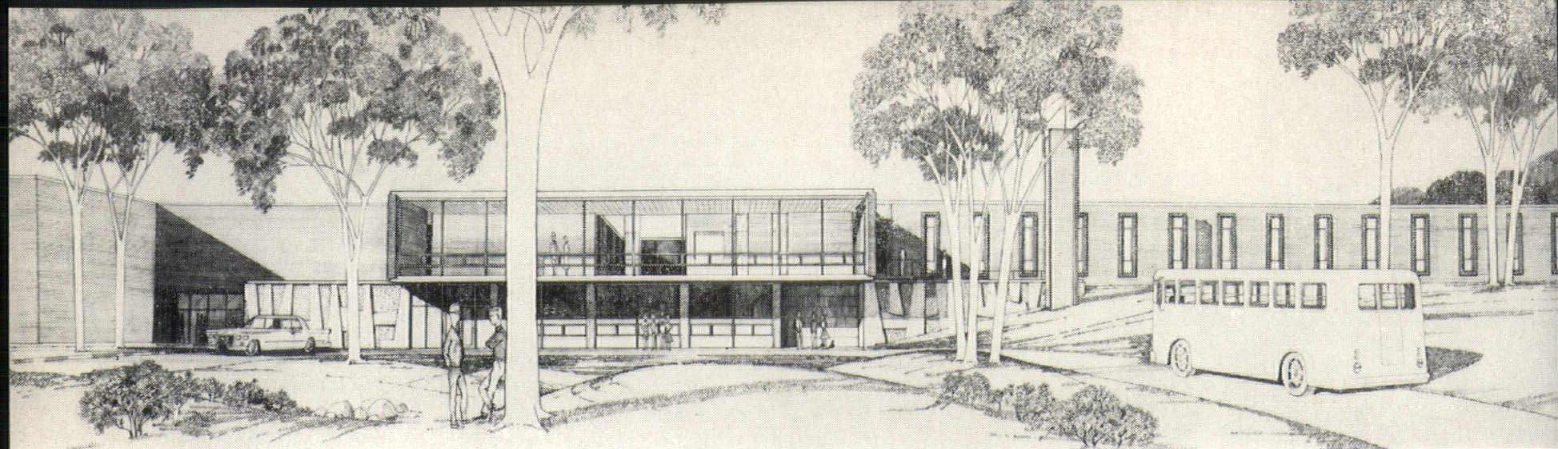
DESIGN

BY IOWA ARCHITECTS

ST. JUDE GRADE SCHOOL, CEDAR RAPIDS. LEO PEIFFER AND ASSOCIATES, CEDAR RAPIDS.



ST. JUDE GRADE SCHOOL. The school is first building of a complete education group on 40 acres to include elementary school, high school, church, rectory, convent, play and athletic fields. Construction: light steel frame with long span metal deck, face brick and glazed brick exterior. Designed for 640 students, it houses 16 classrooms, 60 by 80 foot multipurpose room, library, four lavatory groups, kitchen, offices, bookstore and storage. Now under construction. Contractor: Viggo Jensen, Iowa City. \$10.38 per square foot. Total cost: \$347,645 (including all alternates).



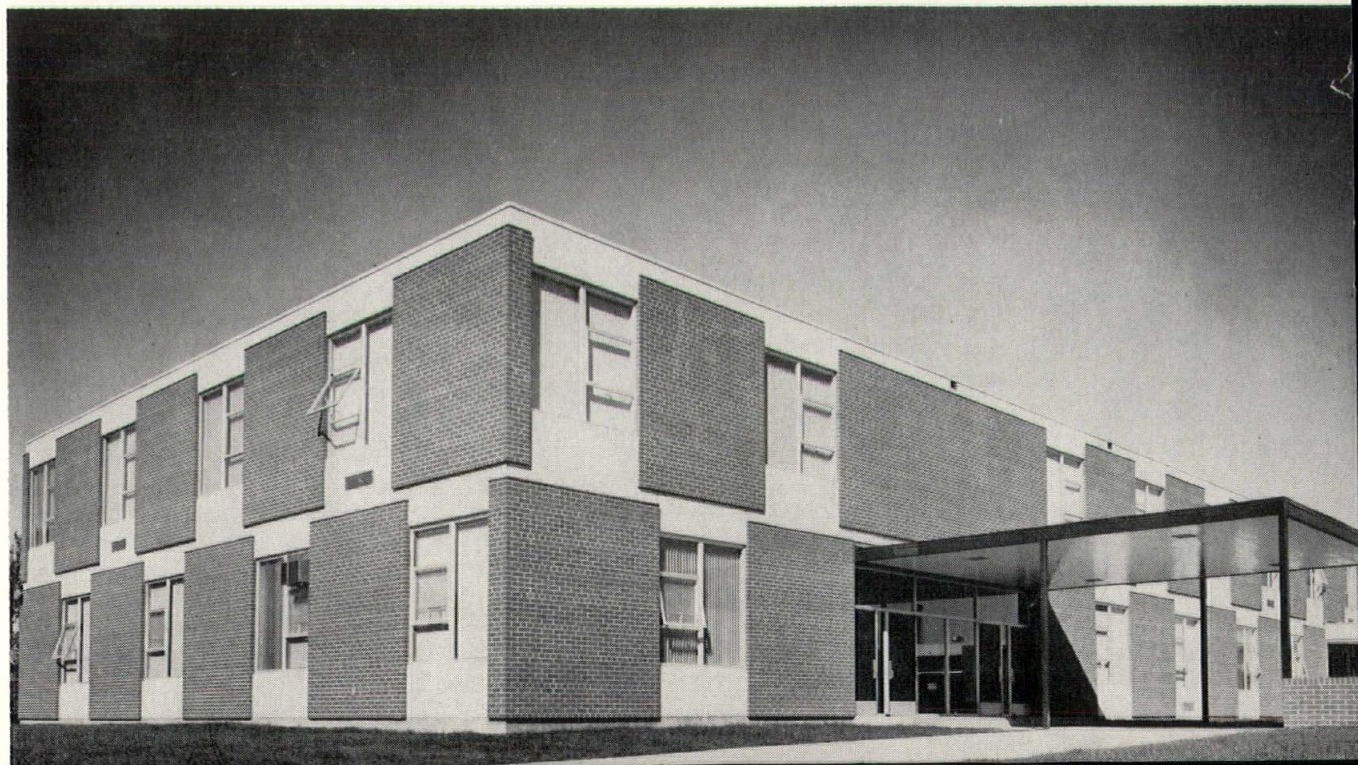
MID-PRAIRIE COMMUNITY HIGH SCHOOL, WELLMAN. KARL KEFFER ASSOCIATES, DES MOINES.

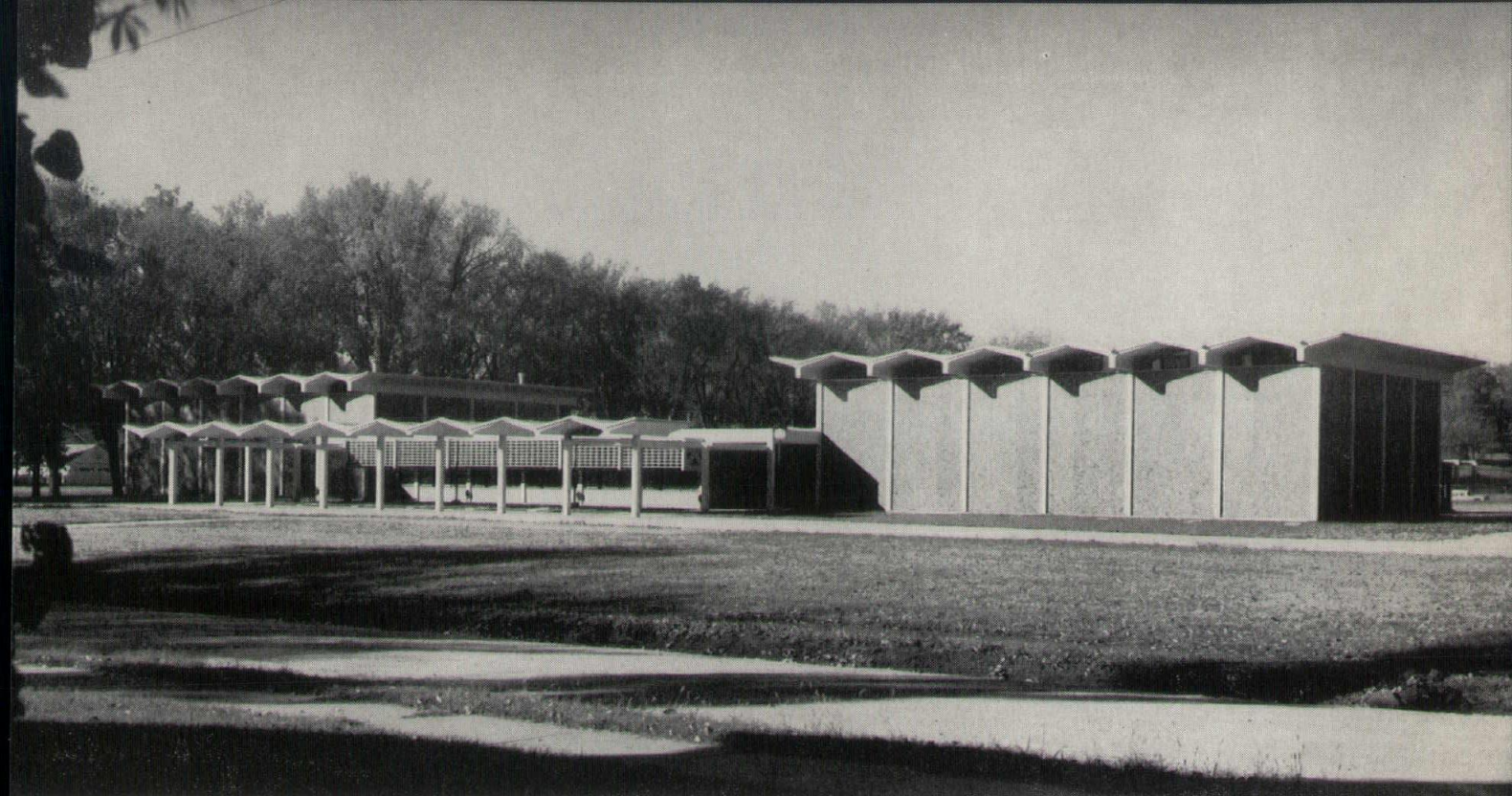
MID-PRAIRIE COMMUNITY HIGH SCHOOL. A two-story structure utilizing the natural slope of the site. Upper level contains academic units and administration areas. Lower level contains gym and lockers, shop and shop classrooms. Curved stairway and its enclosure creates transition between the two levels and provides spatial and noise buffer for various activity areas. Student center has full width expanse of glass overlooking a valley to the south and cantilevers over shop classrooms to create a sheltered area. Structural concrete frame on the lower level. Masonry bearing walls with steel joist and deck at upper level and gym. Materials were used in a series of linked compositions to create pleasing environment, such as textures and shapes created by form work of cast in place concrete walls. General Contractor: Don L. Bron, Kansas City, Mo. Total cost: \$510,682.



STILWELL JUNIOR HIGH SCHOOL. This building houses 17 classrooms, two general science rooms, a home economics suite, library, administrative offices and temporary multi-purpose room, all covering 33,800 square feet of floor space. Construction is of bearing walls with steel bar joists. Floors of corridors, stairs and lavatories are terrazzo. Interior partitions are metal stud and plaster with ceramic tile in lavatories and some of the corridors. Occupied: Fall, 1961. General Contractor: Fane Vawter & Co., West Des Moines. Total cost: \$484,527.

STILWELL JUNIOR HIGH SCHOOL, WEST DES MOINES.
KARL KEFFER ASSOCIATES, DES MOINES.





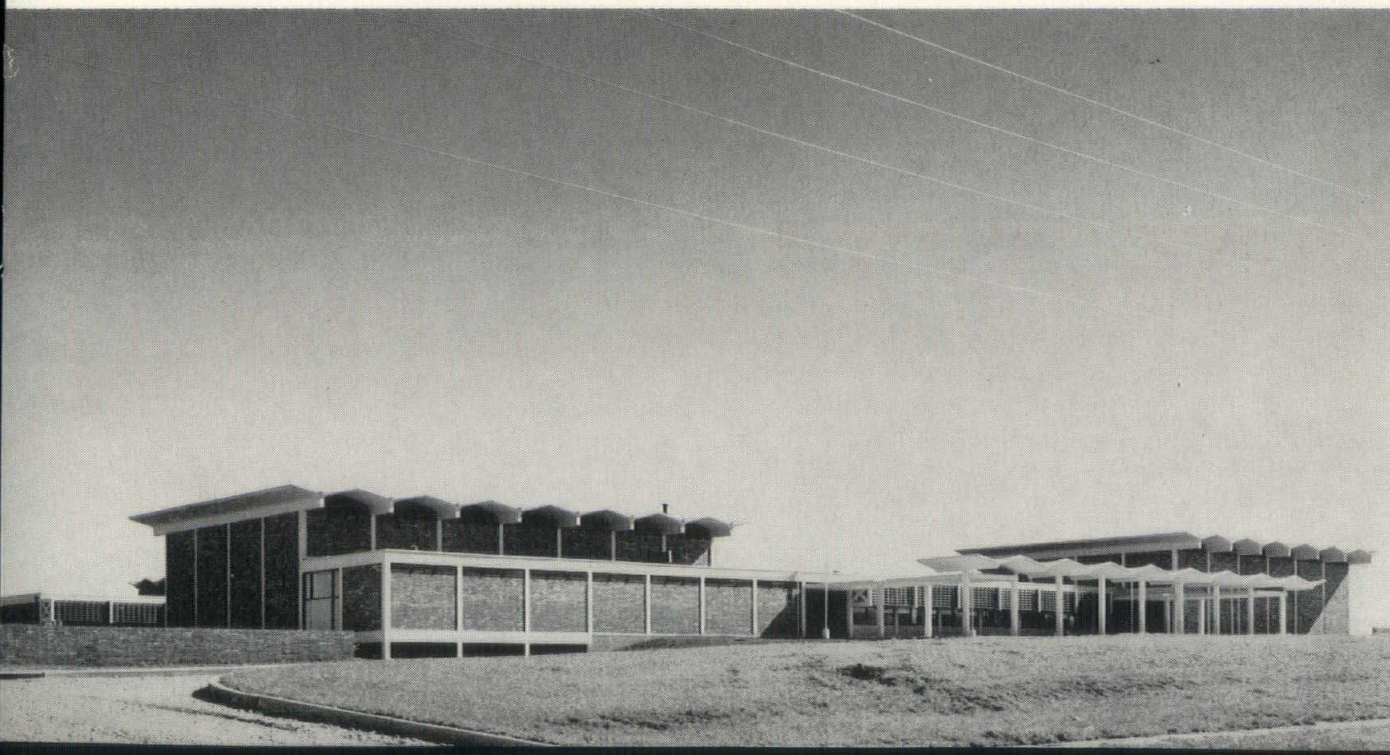
FILLMORE ELEMENTARY SCHOOL, CEDAR RAPIDS, CRITES & McCONNELL, CEDAR RAPIDS.

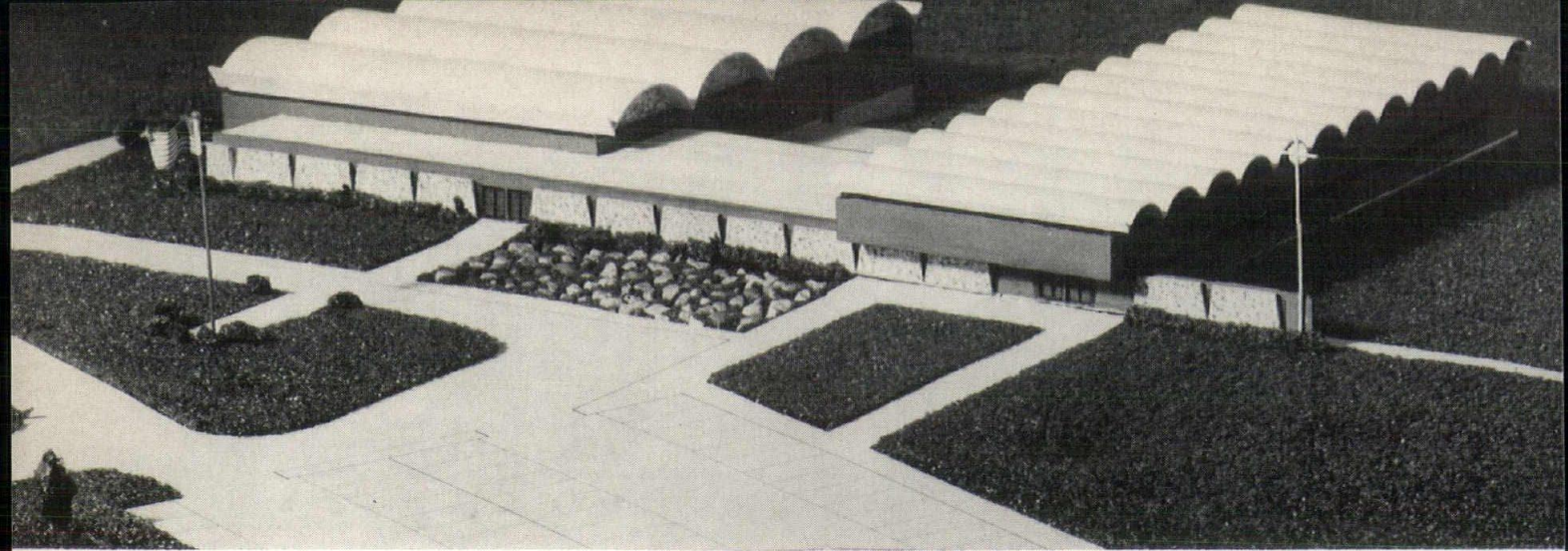
FILLMORE ELEMENTARY SCHOOL. This building of precast concrete with exposed aggregate panels has total area of 23,773 square feet. As in Adams School shown on cover, precast sun screens protect from heat and glare. Contractor: Blahnik Construction Co., Cedar Rapids. Cost: \$323,311 (all contracts, site work and fees). Photo by Julius Shulman.

TRUMAN ELEMENTARY SCHOOL. Brick exterior walls are supported by precast concrete columns, beams and roof slabs. General contractor: O. F. Paulson Construction Company, Cedar Rapids. Area: 35,063 square feet. Cost: \$458,000 (including fees). Photo by Julius Shulman.

ADAMS ELEMENTARY SCHOOL. (Shown on cover.) This precast concrete building is designed to relate to a difficult site. The precast sun screens provide complete protection from heat and glare. Location: Cedar Rapids. Architects: Crites and McConnell, Cedar Rapids. Contractor: Viggo Jensen, Iowa City. Area: 30,840 square feet. Cost: \$415,000 (total all contracts, site work and fees).

TRUMAN ELEMENTARY SCHOOL, CEDAR RAPIDS. CRITES & McCONNELL, CEDAR RAPIDS.





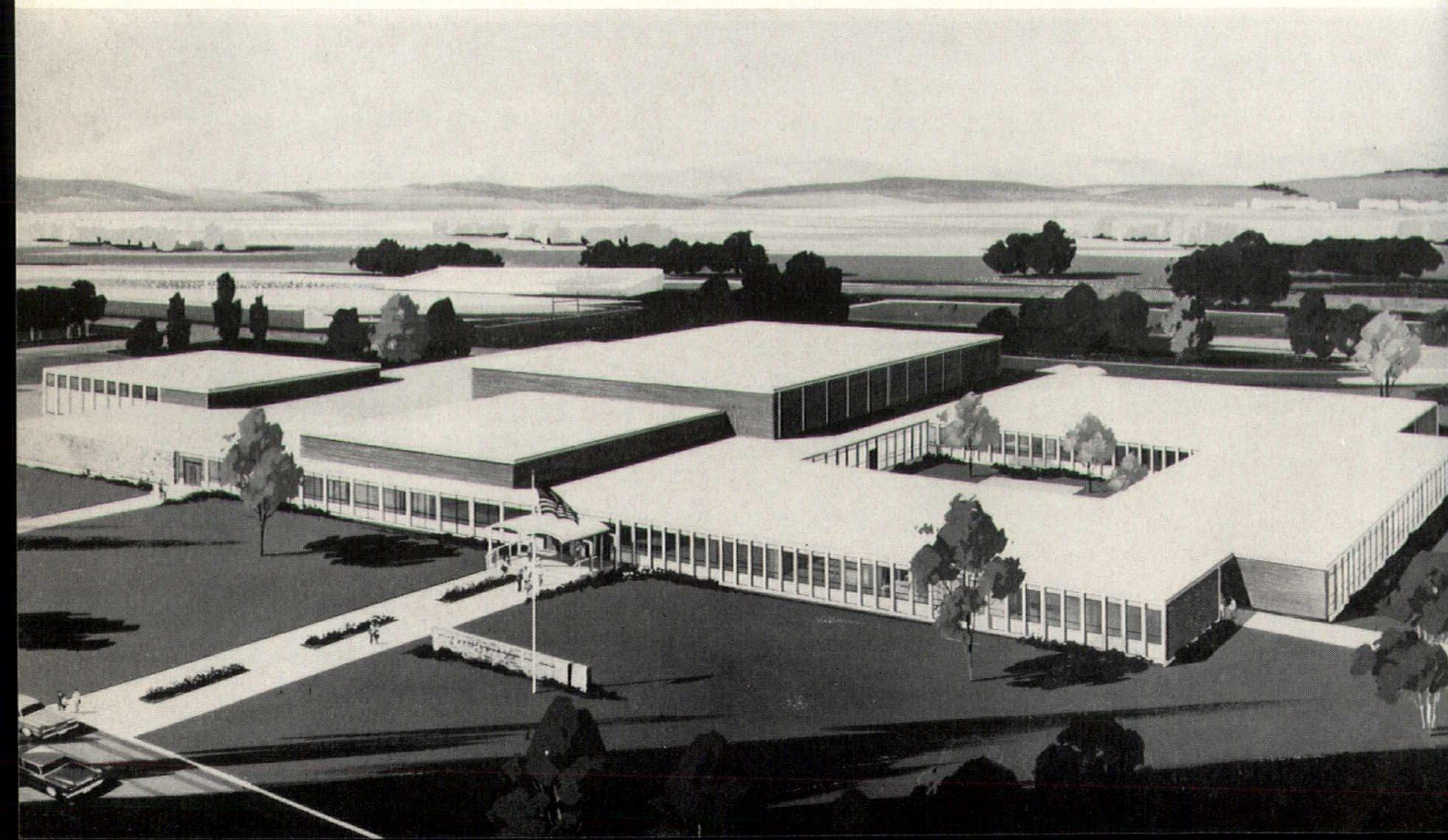
WALSH HIGH SCHOOL, OTTUMWA. STEFFEN-STOLZ, OTTUMWA.

WALSH HIGH SCHOOL. This concrete frame structure with concrete barrel roofs is designed for 350 students. Partitions are glazed and non-glazed facing tile. Exterior is brick with exposed aggregate trim panels. From left to right, the photo shows the gymnasium-auditorium, connecting the cafeteria-multi purpose room and the two story academic wing. At far right is the convent and chapel, planned for the future. Gymnasium-auditorium barrel roof spans 96 feet by 120 feet. School will be opened in fall, 1962. Mechanical engineer: John Brown; structural engineers, Peterson and Appell.

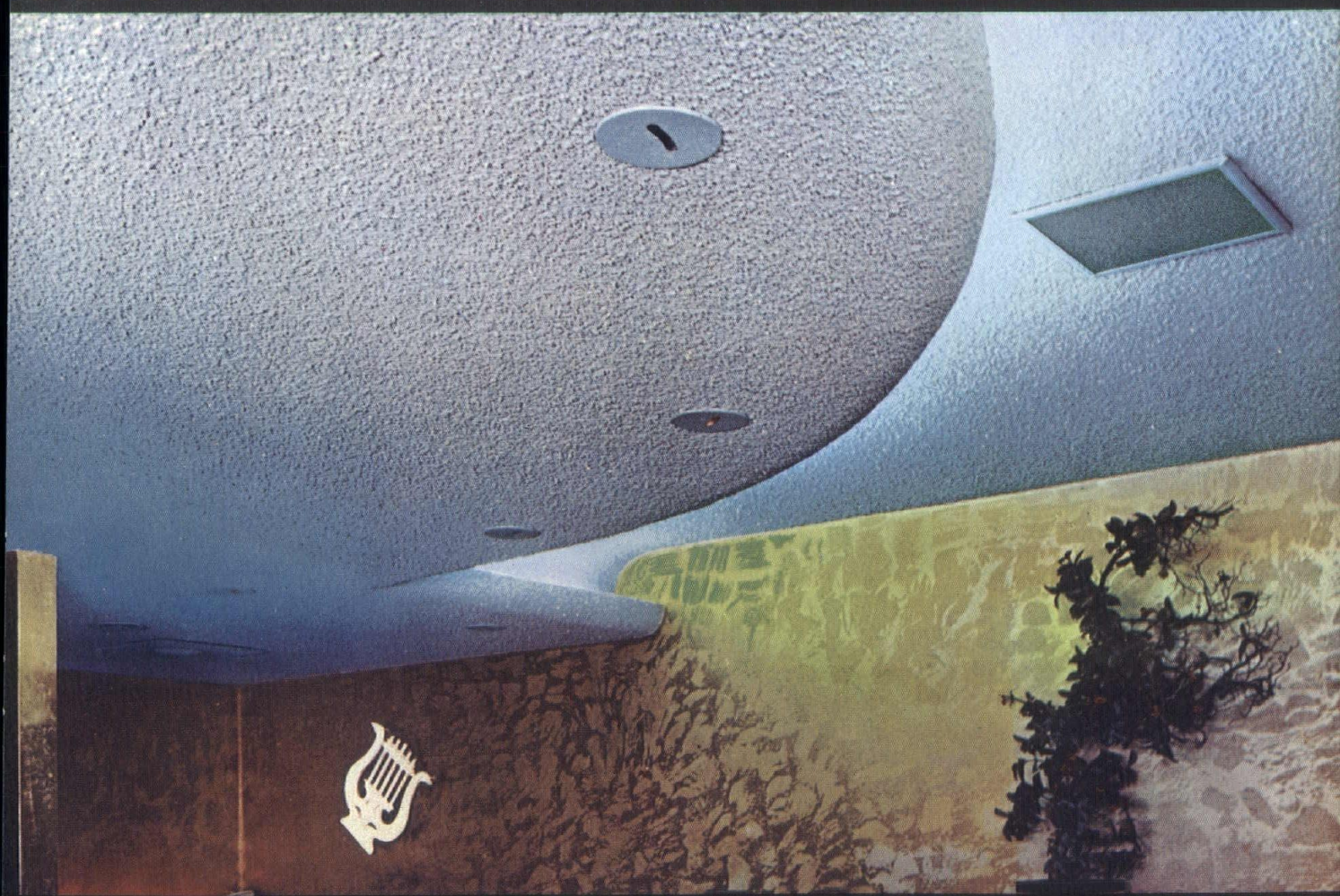
WEST SIOUX COMMUNITY HIGH SCHOOL. Pre-cast concrete columns and cap beam form the exterior wall design for this 400 pupil school. Exterior is of exposed pre-cast concrete with masonry bearing walls and a steel joist and metal deck roof system. Windows are aluminum. There is a dual-use stage between gymnasium and auditorium, another between lunch room and study hall. Area: 59,400 square feet. Contractor: C. A. Peterson & Sons, Rock Rapids. Johnny's Electric, Sioux Center; Webster Plumbing & Heating, Spencer, Iowa. Cost: \$636,300 (not including land, furnishings and fees).

WEST SIOUX COMMUNITY HIGH SCHOOL, HAWARDEN.

GERMANSON-FOSS & CO., SIOUX CITY



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...for beauty and sound control



HI-SORB is a new acoustical material—applied by a new technique—which adds significant improvements to the recognized features of spray applied acoustical plaster. Ten striking colors allow new decorative freedom . . . Hi-Sorb's firm textured surface resists abrasion and damage . . . A new one-phase application method speeds job construction schedules.

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FAST APPLICATION—A full ½ inch thickness of Hi-Sorb, including the finish coat, may be applied to a large ceiling area in one day. It is sprayed on in continuous and successive passes. When applied over a smooth level surface, the entire Hi-Sorb application is accomplished without use of straightening tools. Ceilings up to 14 feet may be sprayed from the floor, *without scaffolding*. By eliminating scaffolding, and drying time between coats, Hi-Sorb speeds construction schedules.

ECONOMICAL—Through time-saving application techniques and low material costs, Hi-Sorb offers more sound absorption per dollar than other acoustical materials of comparable permanence and efficiency.

FREEDOM OF DESIGN—Hi-Sorb can be readily applied over curved or irregular surfaces, giving a monolithic evenly textured surface. Any clean, firm surface—even undersides of concrete floors—forms a suitable base for machine application of Hi-Sorb.

HIGH LIGHT REFLECTIVITY WITHOUT GLARE—Where a maximum light reflection coefficient is desired Hi-Sorb XX white is recommended. However, for most interiors Hi-Sorb oyster white provides satisfactory reflectivity.



Colored samples of Hi-Sorb are available upon request.



WIDE CEILING EXPANSE is smoothly finished in the Faculty Lounge, University of Southern California. Architects: Jones & Emmons.



SOUND ABSORBING texture of Hi-Sorb is clearly defined in this acoustic ceiling in the Los Angeles Library. Architects: Bowerman & Hobson.



MONOLITHIC EVEN TEXTURE of Hi-Sorb surfaced walls and beams provide an impressive decor in the Emmanuel Lutheran Church, Los Angeles. Architects: Orr, Strange & Inslee.



COLORLED HI-SORB provides the ceiling accent that blends beautifully with stained-glass windows in Our Lady of Grace Church, Los Angeles. Architects: Barker & Ott.

BASE FOR APPLICATION—Hi-Sorb may be applied over properly prepared gypsum plaster, portland cement, lime plaster basecoats, direct to monolithic concrete surfaces or nearly any base that is level, clean, sound, and not painted with water soluble paint.

MAINTENANCE—Hi-Sorb may be easily cleaned with a vacuum cleaner using a fine bristled dusting brush attachment.

REDECORATING—When redecorating in the future, a fresh texture coat of Hi-Sorb may be applied to the ceiling. Hi-Sorb may also be spray painted with a non-bridging type paint without impairing sound absorption.

ARCHITECTS NOTE: For detailed Description and Specifications refer to data sheet.

CERTIFIED APPLICATION—The names of experienced plastering contractors specially trained in Hi-Sorb application are available on request from Western Mineral Products Company. When a Hi-Sorb application is completed, the plastering contractor and Western Mineral will issue to the owner or architect a signed certificate stating that the Hi-Sorb was installed according to specifications.

This literature is published for information. Figures and test results herein shown are based on laboratory and field tests and are believed to be accurate. Except as is herein stated, Western Mineral Products Company and Highland Stucco and Lime Products, Inc., make no warranties, expressed or implied.

PLASTERERS NOTE: For complete Application Information refer to data sheet.



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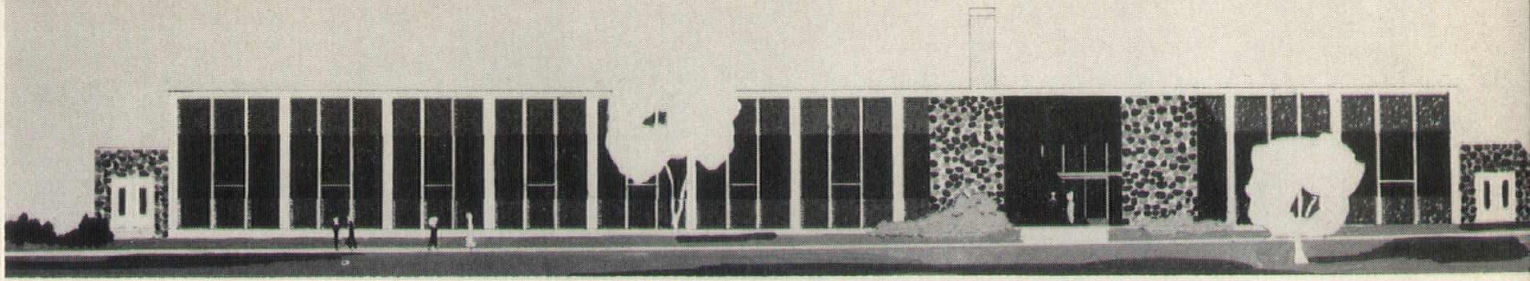
HI-SORB GIVES A CARPET-TEXTURE CHARM TO CEILINGS . . . Soft-looking, subdued textured Hi-Sorb blends naturally with most any room or office decor.

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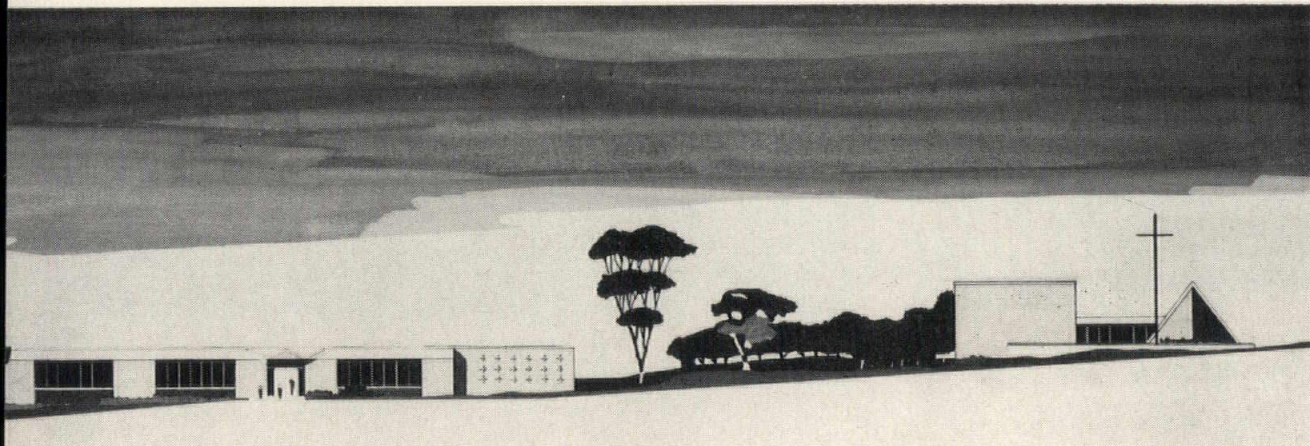


STUDENT UNION, MORNINGSIDE COLLEGE, SIOUX CITY. WILLIAM BEUTTLER & SON, SIOUX CITY.

STUDENT UNION, MORNINGSIDE COLLEGE. Concrete panel walls are used over a precast-prestressed concrete structural system. When completed, will have 45,000 square feet finished space. Estimated cost: \$750,000.

GEHLEN GRADE SCHOOL AND CONVENT. Of masonry construction, the school will house eight classrooms, with total area of 12,600 square feet. The masonry convent will provide living quarters for twenty nuns. Convent area is 9,000 square feet. Contractor: Wiltgen Construction Company, Le Mars. Cost: \$360,000 (both buildings, including fees).

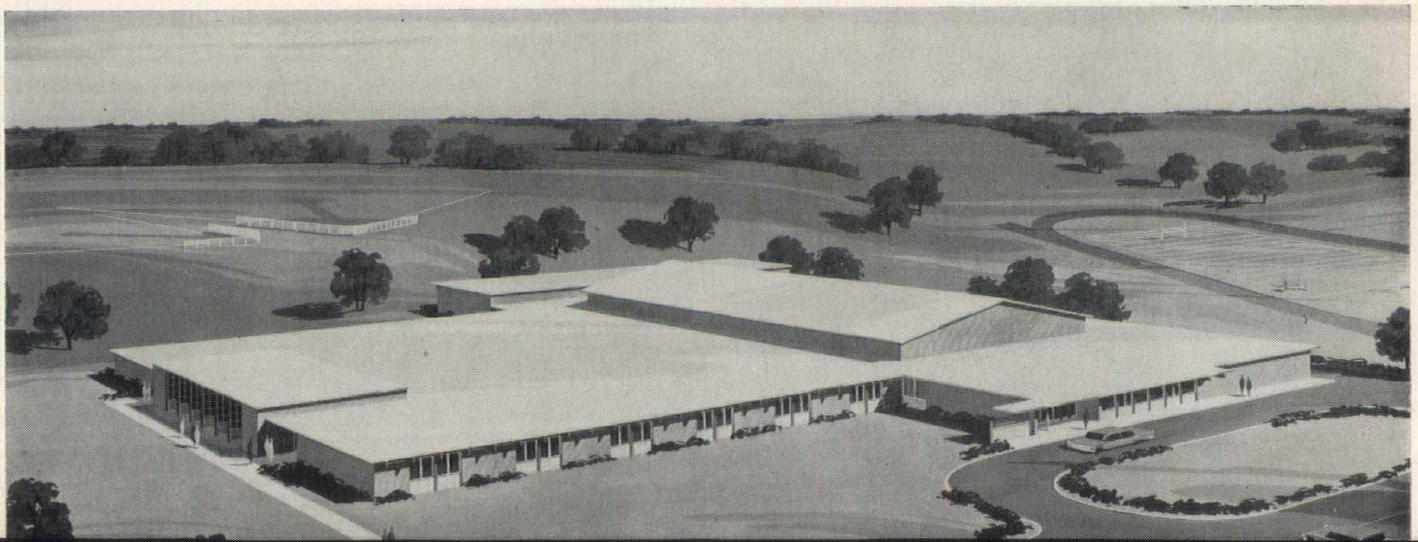
GEHLEN GRADE SCHOOL AND CONVENT, LE MARS. WILLIAM BEUTTLER & SON, SIOUX CITY.

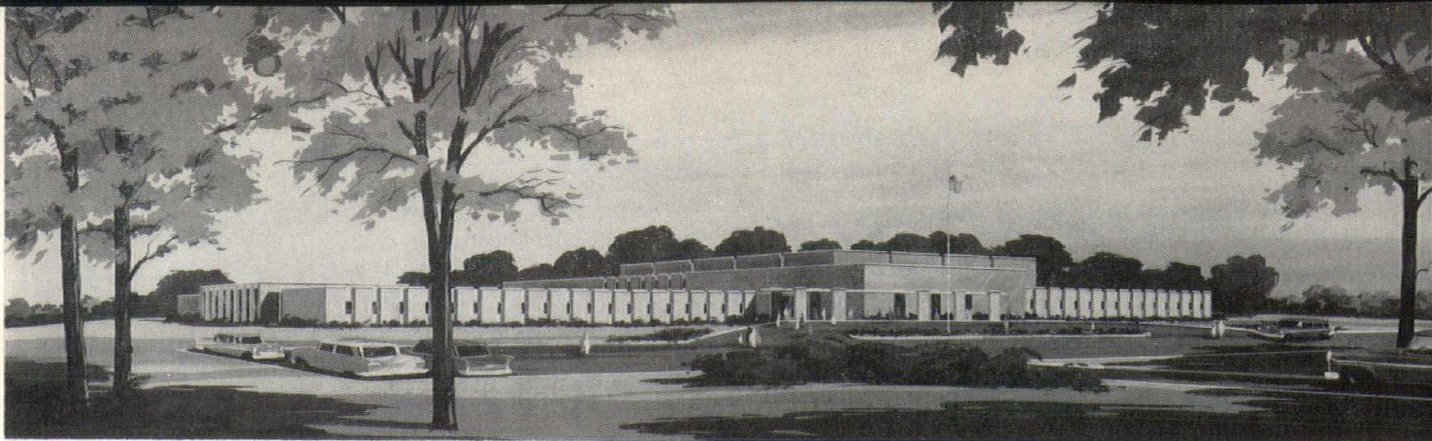


WESTERN DUBUQUE COUNTY COMMUNITY JUNIOR-SENIOR HIGH SCHOOL. Construction is of glulam beams, acoustical form-board and gypsum roof deck with a face brick exterior and precast exposed aggregate panels. There are both casement and fixed win-

dows; caisson foundations. Science rooms, home economics and commercial rooms are interior rooms without windows. The gymnasium seats 1000 on bleachers; area is 53,027 square feet. Estimated cost: \$691,243 (not including site, site grading or fees).

WESTERN DUBUQUE COUNTY COMMUNITY JUNIOR-SENIOR HIGH SCHOOL, EPWORTH. DURRANT AND BERGQUIST, DUBUQUE.



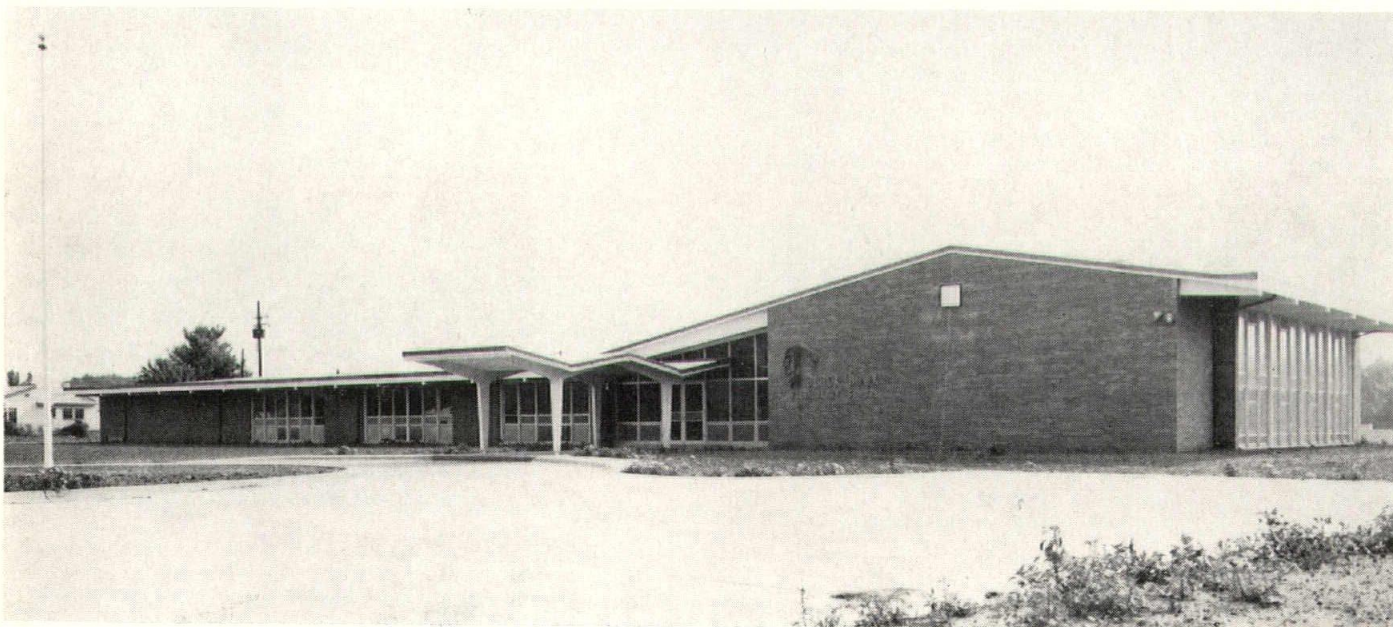
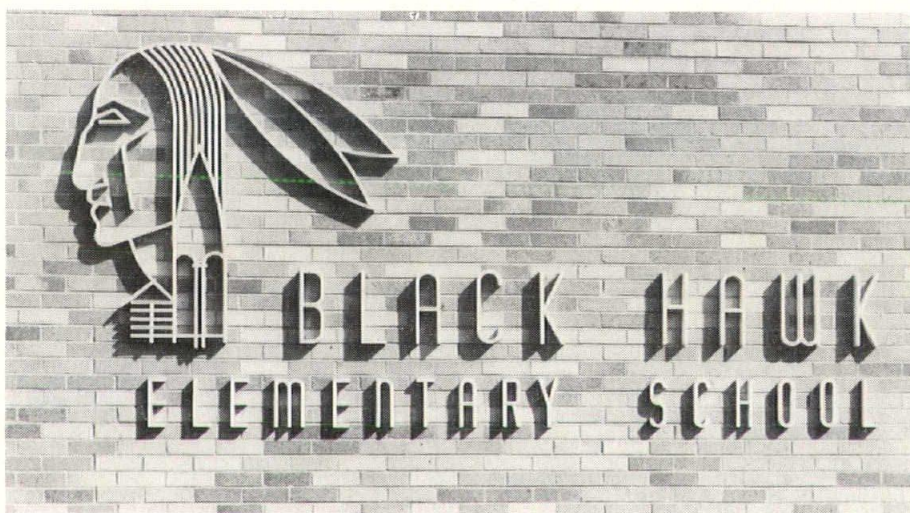


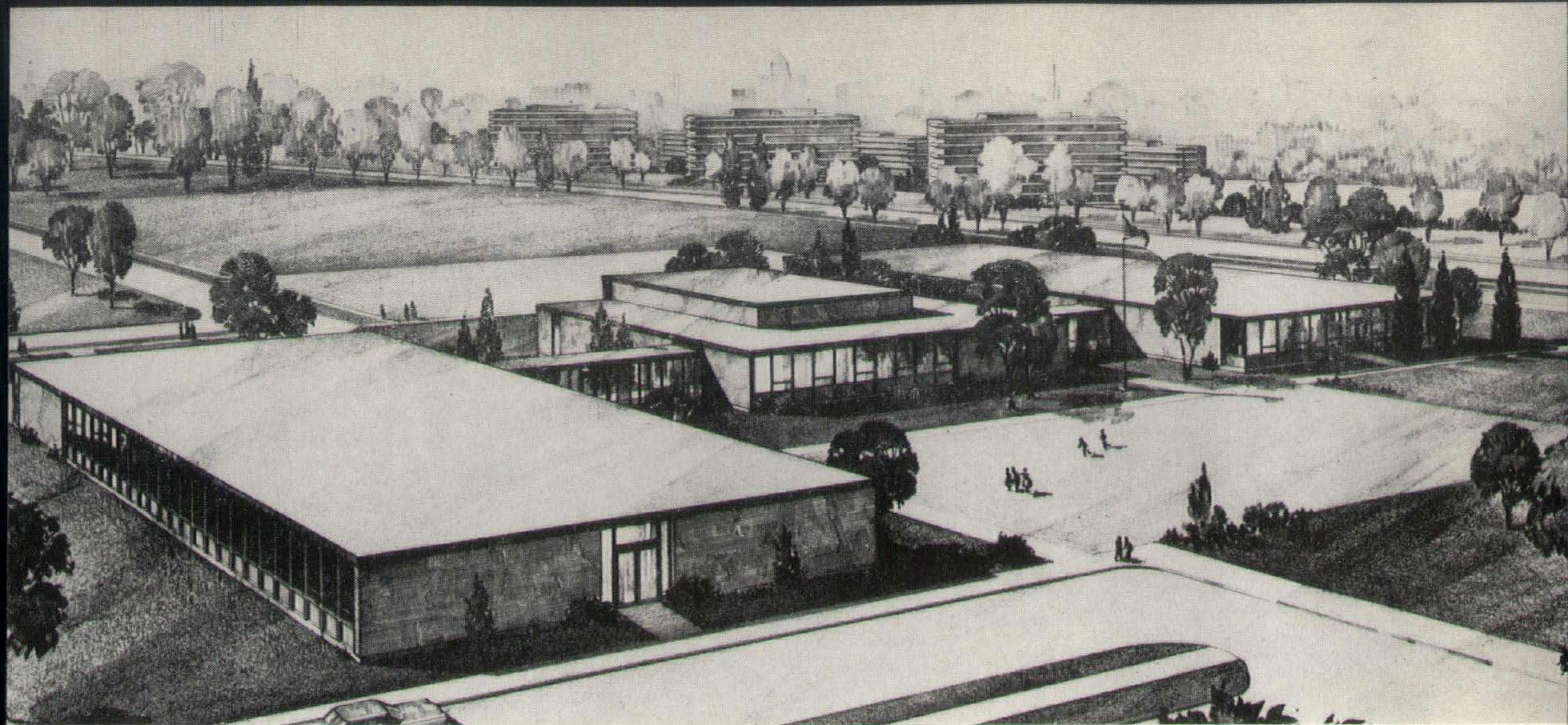
MARION INDEPENDENT SCHOOL DISTRICT HIGH SCHOOL. DURRANT AND BERGQUIST, DUBUQUE.

MARION HIGH SCHOOL. Structural system of this building was designed in line with type of heating fuel selected. Construction is of face brick exterior and precast aggregate panels. There is a minimum of exterior windows; three classrooms and the commercial room are interior rooms without windows. Gymnasium will seat 1560 on bleachers. Total area: 53,320 square feet. Estimated cost: \$657,840 (not including site, fees or equipment).

BLACKHAWK ELEMENTARY SCHOOL, BURLINGTON.
DANE D. MORGAN & ASSOCIATES, BURLINGTON.

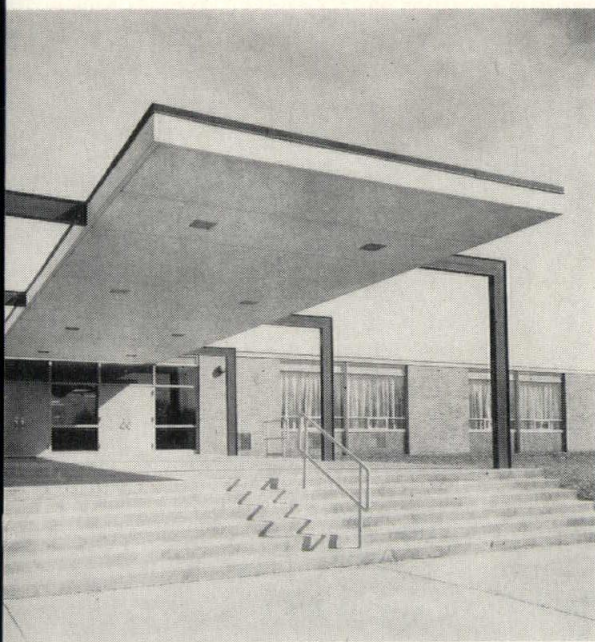
BLACKHAWK ELEMENTARY SCHOOL. The residential character of this school is designed to blend with the neighborhood. Of wall bearing construction, it was built at a cost of \$15.18 per square foot. An enameled iron Blackhawk insignia near main entrance is an exterior feature. The school is completed and in use. Contractor: H. Eugene Smith. Area: 16,601 square feet. Cost: \$251,985.





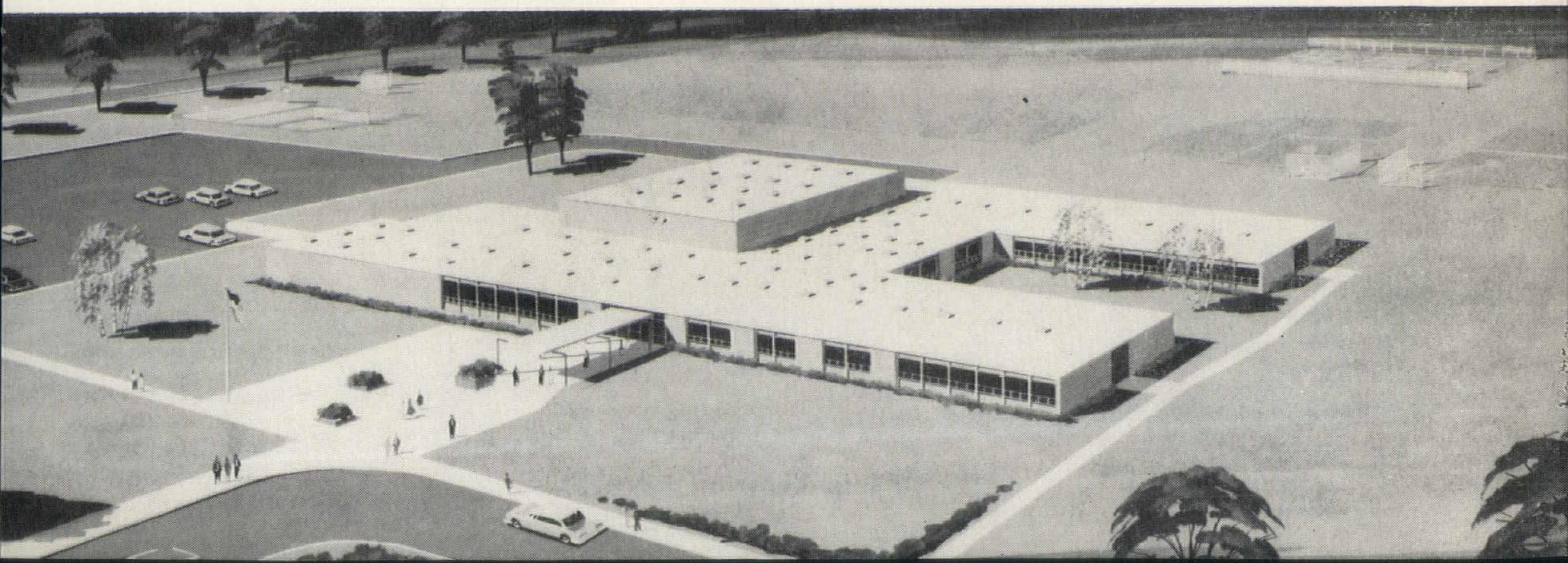
LONGFELLOW ELEMENTARY SCHOOL, DES MOINES. RUSSELL AND LYNCH, DES MOINES.

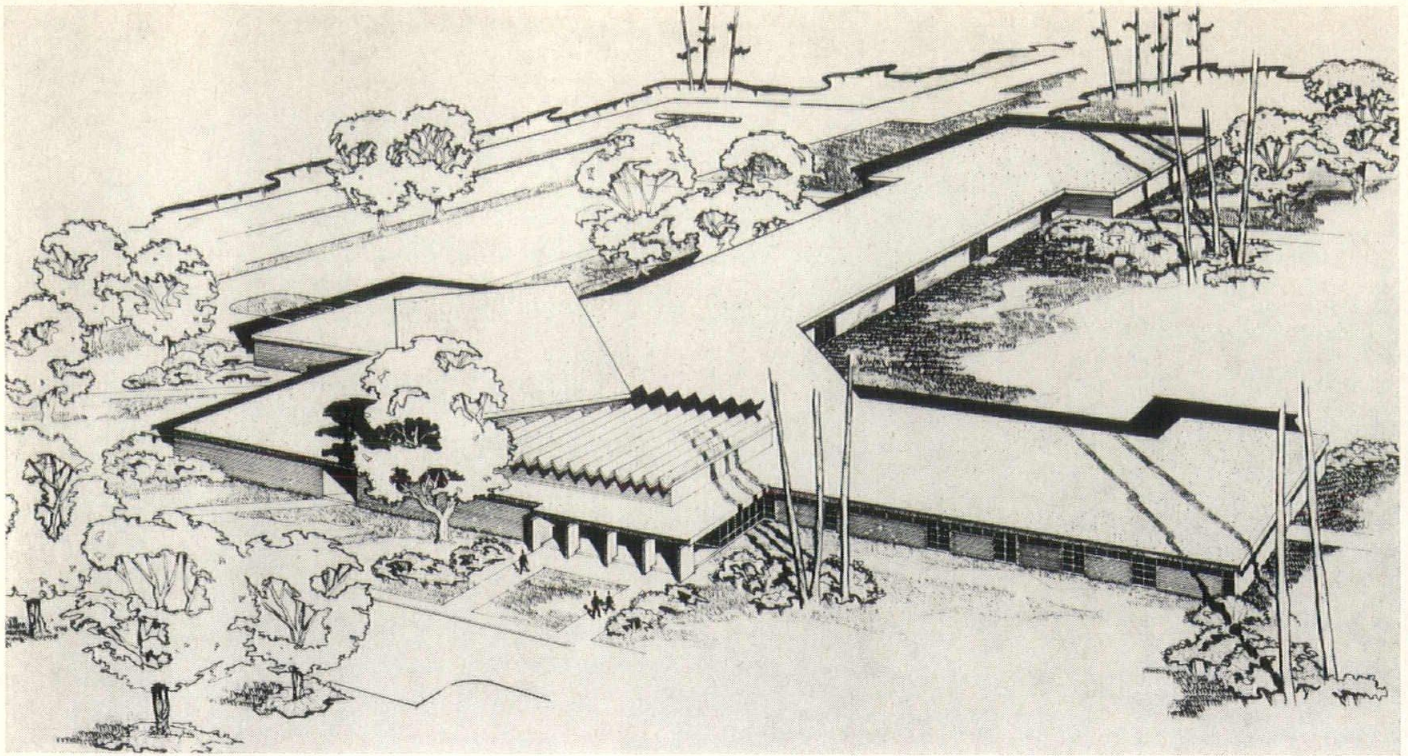
LONGFELLOW ELEMENTARY SCHOOL. Building is modified campus plan, dictated by unusual site conditions. Built of brick and concrete block back-up and aluminum structural curtain wall for exterior walls. Corridor walls are ceramic tile. Exposed structural steel framing system within the classrooms and tectum finish ceiling in most classroom and office areas. Total area of 29,210 square feet includes two kindergartens, 14 classrooms, art room, library, gymnasium, office suite, kitchen, two music practice rooms and a speech therapy room. Now under construction. Cost: \$488,091.



PERRY HIGH SCHOOL. Skydome illumination of interior areas is one feature of this 51,771 sq. ft. building. Construction is of steel columns and beams with bearing walls in the gymnasium. Capacity of 480 students. Gymnasium seats 1,040. Cafetorium and gymnasium separate music and P.E. areas from classroom wings. Structure is one-story without basement. Construction costs: General, \$420,389. Mechanical, \$109,652. Electrical, \$37,336. Cost per square foot: \$10.65.

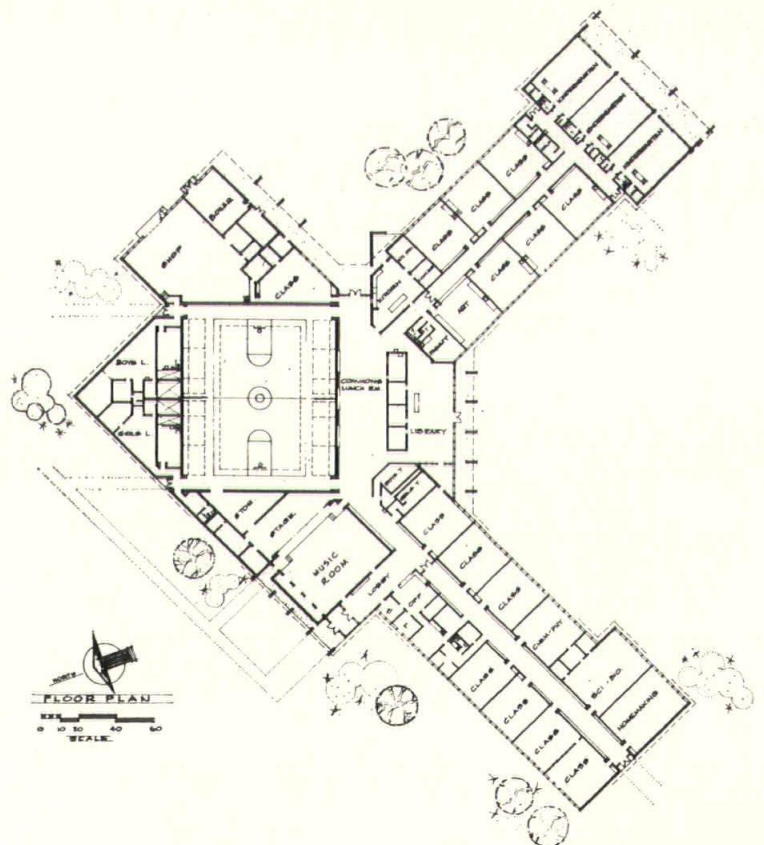
PERRY HIGH SCHOOL. ARCHITECTS ASSOCIATED, DES MOINES.

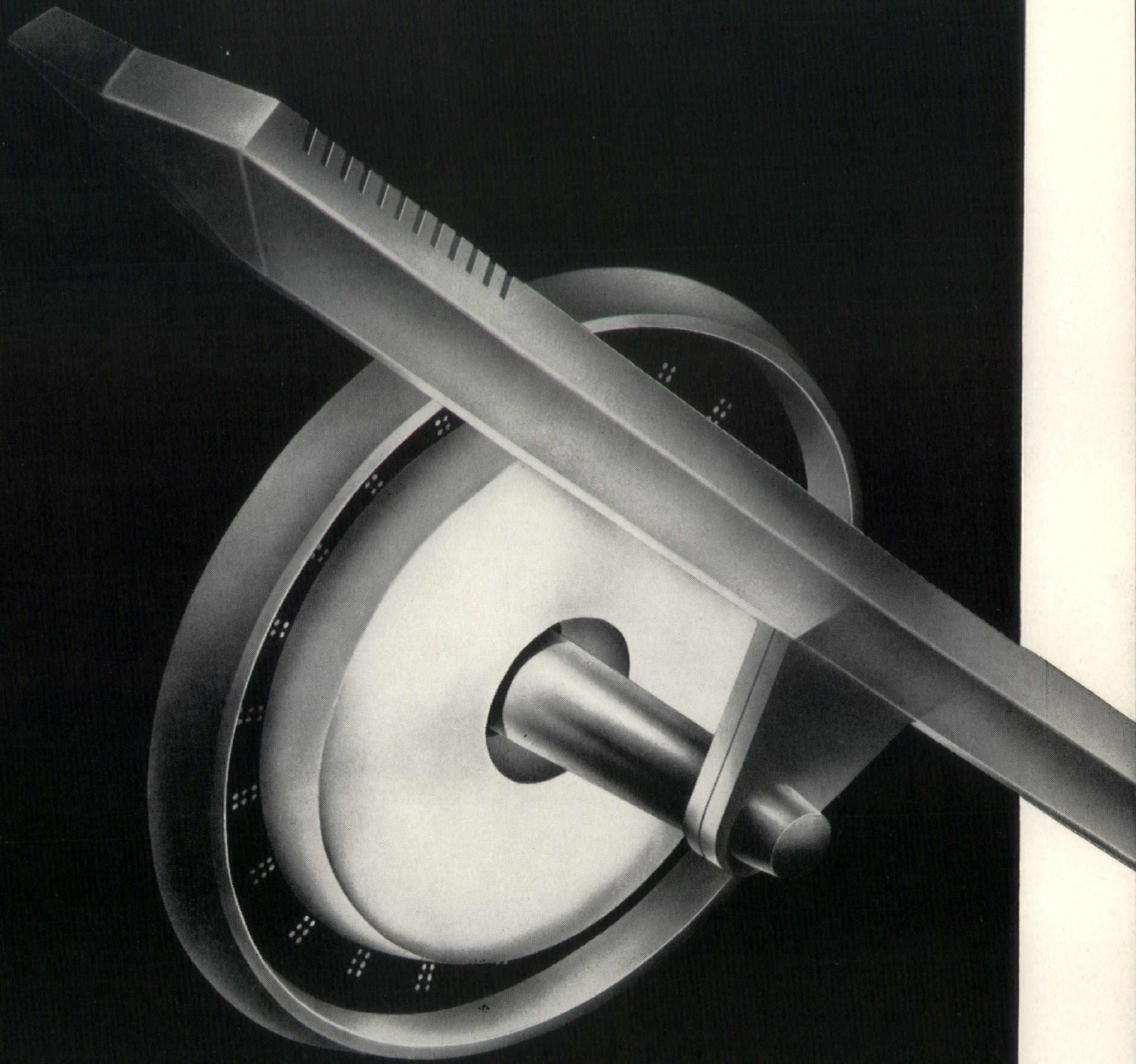




TURKEY VALLEY COMMUNITY SCHOOL, LAWLER. N. CLIFFORD PRALL, DES MOINES.

TURKEY VALLEY COMMUNITY SCHOOL.
In this school designed for grades K-12, considerable enrollment variation from grade to grade necessitated a compact plan with attention given to separation of elementary and high school students in the classrooms. All students will jointly use the gymnasium, kitchen, lunch room, art room and library. Kindergarten rooms will accommodate 180 students, the elementary school 180 and the high school 400. A reduced amount of glass on the exterior classroom walls allows their use as blackboard and display surface. Area: 56,000 square feet Estimated cost: \$728,000.





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PERSONAL & PROFESSIONAL

K.C. CHAPTER ELECTS FRANK GRIMALDI

Frank Grimaldi of the firm of Shaughnessy, Bower & Grimaldi has been elected president of the Kansas City Chapter of the A.I.A.

Other new officers are Conrad J. Curtis, vice-president, Gene E. LeFebvre, secretary, and John E. Jameson, treasurer. Mark Sharp and Clarence Kivett were elected directors.

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HIGGINS IS NAMED TO JUDICIARY COMMITTEE

Burdette Higgins, A.I.A., has been appointed by A.I.A. President Phil Will Jr. and the Board of Directors to a three-year term on the National Judiciary Committee of the A.I.A.

Burdette, who was the first secretary of the Iowa Board of Architectural Examiners, previously had served as a member of the Judiciary Committee of the Central States Region and during the past year was an alternate member of the National Committee.

His term on the Judiciary committee extends through 1962, 1963 and 1964.

NEW PRODUCTS REGISTER APPEARS JANUARY 1

The 1962 edition of the A.I.A. Building Products Register will contain approximately 40 per cent material than did the first issue in 1960, reports T. W. Dominick, director of professional services for the A.I.A.

Dominick said the register will contain 24 products categories, a new trade names index, a minimum use of abbreviations, and a page layout which permits more headings to be horizontal.

The Register is a single source of comparative information on building products and is intended to help users reduce the time spent in gathering factual information on products.

Copies of the Register are available on a 30-day free trial to A.I.A. members, and may be ordered from the Building Products Registry Service, The American Institute of Architects, 1735 New York Ave., N. W., Washington 6, D. C.

CLINTON CLUB HEARS PHIL FEDDERSEN

Phil Feddersen, A.I.A., discussed the architectural works of Frank Lloyd Wright at a December meeting of the Clinton Rotary Club.

Feddersen used color slides of Wright designed buildings to illustrate his talk.

REGIONAL PROGRAM IS DOCUMENT OF MONTH

Iowans who received the four-color program for the 1961 Central States Regional Conference will be interested to know it has been designated a "Document of the Month" by the Institute.

The Institute chooses a document each month from among those produced by the various chapters.

Compliments for the regional program went to John Sweeney, president of the St. Louis Chapter, and to E. J. Thias, for the program entitled: "Architecture and Its Challengers."

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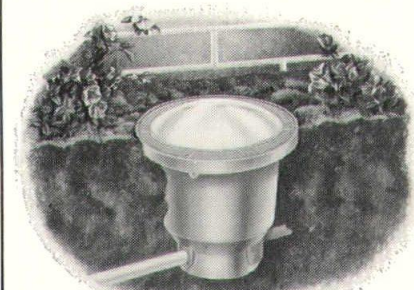


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Floodlight of corrosion resistant aluminum,
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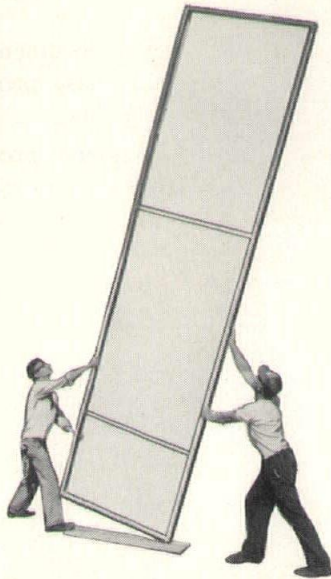
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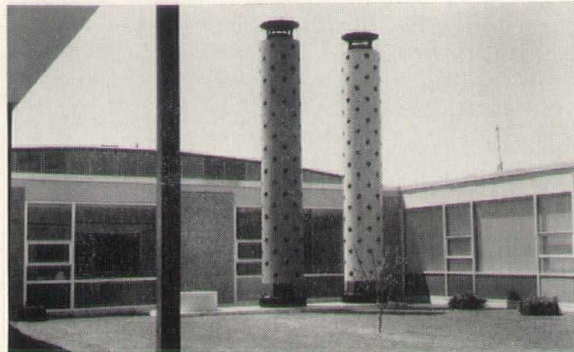
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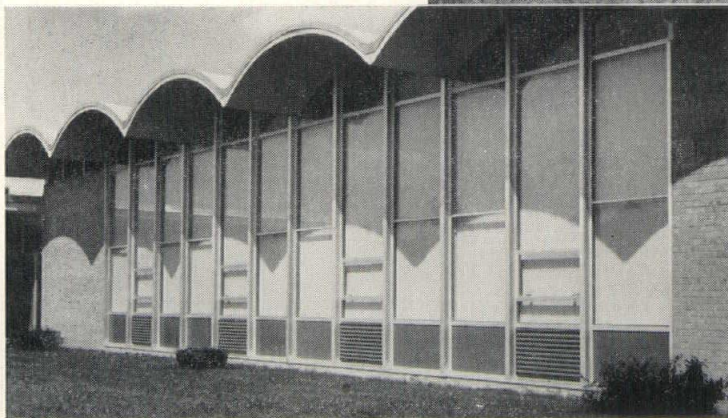
MARMET curtain wall



Mating sections in MARMET's gridwall system are pre-assembled at the factory. Mating mull joints simply interlock together for high speed assembly on the job site.



*Clear Lake Sr. H. S.
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Architects:
Karl Keffer, Associates
Des Moines, Iowa*

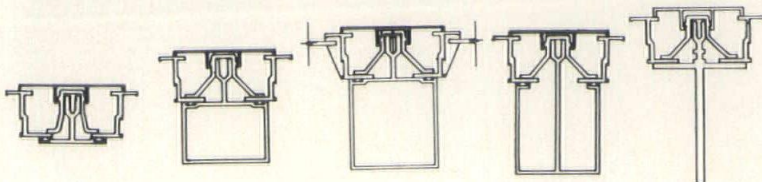


A wide range of finished curtain wall effects . . . such as accent in either vertical or horizontals on the building face . . . are available to the architectural design man with MARMET's standard curtain wall.

Many components, such as the operating sash in one series, can be combined with the framing of another series. A whole array of thick or thin-line mullions, varying in depth of section (as shown below) offer a choice of final effect.

In the Clear Lake School above, MARMET's 6000 Series gridwall, heavily accenting the horizontals, is handsomely combined with the stacking AP operating sash and window spandrels of the 5142 Series.

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*choice of mullions and cross members for
varying effects in the building face.*



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MEXICO (from page 8)

that were old before the Pilgrims landed at Plymouth Rock. In each city we found evidences of Spain in wrought iron, tile roof patterns, arches and arcades and particularly Spanish Renaissance architecture. The Renaissance was most evident in ecclesiastical buildings. Many of these buildings are nearly 400 years old and, of course, show the ravages of time and neglect.

Father Hidalgo, together with Captain Allende, started a revolution in 1810 which bred other revolutions, and indeed chaos, for the ensuing 120 years. Today's architecture in Mexico began in the 1930's, since only a few Renaissance structures were built during the times of strife. Revolutions left the country bankrupt of capable artisans. The country was fortunate, however, to have a number of well trained architects who found themselves thrust into the role of re-building Mexico, both as planners and as contractors. The architects were able to meet the challenge of this task so that today a new Mexico is taking shape. Because of this fact, the architect in Mexico enjoys a stature second to none and wears the title of "Arquitecto" with well deserved pride.

Our group visited three different architectural offices. Our first visit was with Arquitecto Felix Candela. Arq. Candela was very generous with his time and information. We were given the opportunity to look at the working drawings, talk with his staff as well as Arq. Candela. The office consisted of one architect, one engineer and two draftsmen, who along with Candela, conducted the design end of the business.

It was interesting to note that many buildings in Mex-

ico were built in stages. As an example, the Candela office was working on a commission for a new church. The roof structure, using thin shell concrete umbrella shapes, was in the process of design and was to be built in the near future. When additional money became available, the architect would then work on the balance of the design including such fundamental things as enclosing walls, windows, altars and floors. The architect had the advantage of seeing his structure partially done for a period of time before he had to complete the design and working drawings for the balance of the building.

The second office we visited was that of an association of three men who shared a common drafting room while they conducted individual practices. They did, however, associate on certain buildings where a larger team or the benefits of a partnership seemed advisable. This was the office of Arqs. Alvarez, Carral and Martinez-Páez. We discussed with their staff presentation techniques, some of the work currently in their office and took the opportunity to look at their working drawings. Their approach to architecture was quite different than that of Arq. Candela and more closely resembled the practice of architects in this country. We also had the opportunity to visit the home and adjacent office of Arq. Francisco Artigas.

During our last evening in Mexico City we were entertained at a cocktail party held in the Casa De La Arquitecto at which the National President, Secretary and a number of other members of the Sociedad de Arquitectos Mexicanos entertained us. In each instance

TO SCHOOL BOARDS & SCHOOL ARCHITECTS---

Approximately 90% of schools in the Des Moines area during the past 10 to 12 years have been built with exposed concrete masonry interiors.

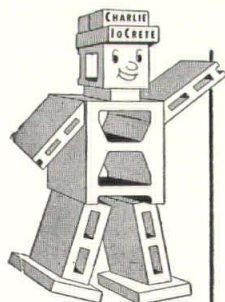
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where we met members of our profession in Mexico, we were impressed by the friendliness, graciousness, quality and competence of the individuals.

My reaction to the new construction in Mexico was decidedly mixed. I feel that most of the building complexes such as the University Campus and public housing activities were well done as far as land planning was concerned. It seemed that each public housing group learned from its predecessor. We visited briefly the Multi-familiar Independencia, one of the newest projects in Mexico City. The workmanship, quality of design, attention to landscaping and interrelationship to buildings seemed to have been done in excellent taste. My reactions to the university campus was somewhat different because it seemed obvious that this campus had been done by many architects rather than just one. It seemed a little disturbing to me at first glimpse so I went back for a second and more leisurely look. I particularly enjoyed the athletic fields and fronton courts. Again the site planning was immediately apparent but my initial reaction to the buildings as a collection was confirmed. Most buildings were satisfactory within themselves, but each seemed to be striving unsuccessfully for recognition with all of its neighbors.

Buildings in Mexico are world famous for their use of murals. It seemed to me that sometimes the murals dominated, rather than enhanced the building. Among the best murals that we saw were those done in subdued colors and bas relief as a part of Centro Medico in Mexico City. This was a series depicting the history of medicine that seemed appropriate on the buildings without in any manner detracting from the strong geometric



Conferring on the need for helping educators understand the many factors now bringing changes in school construction are these representatives of A.I.A., M.B.I., I.A.S.B., and educators. Clockwise around the table from the lower left are Dr. Arthur Templeton, assistant superintendent of Des Moines Schools; Don Foster, exec.-sec. Iowa Association of School Boards; Ken Gethman, Gladbrook, president of the M.B.I.; N. C. Prall, A.I.A.; Fred Mast, Waterloo, chairman of the M.B.I. public relations committee; Ken Lewis, exec.-sec. of the M.B.I.; Robert Ramsey, A.I.A.; Robert Savage, A.I.A.; Jack Weichman and Joe Piper of the M.B.I. staff. Robert Bonomi, exec.-sec. of the Iowa Chapter A.I.A., also attended this meeting November 27.

shapes and curtain wall construction of the buildings around the murals.

I strongly urge any of you that are able to visit Mexico and experience for yourself the buildings, both old and new and perhaps more pleasant yet, the warmth of the people.

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The five upper floors of the overpass are a distinctive feature of the project. They are 26 inch deep hollow slabs spanning 67'-8". The area (100 x 132 ft.) is supported by beams that run between the columns on the sidewalk lines. This long span construction was facilitated by a substantial saving in dead load weight through the use of lightweight Haydite concrete.

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STRUCTURAL CLAY PRODUCTS	36
SWANSON GENTLEMAN, INC.	27
VINCENT CLAY PRODUCTS	31
L. J. SWEENEY	26
WESTERN MINERAL PRODUCTS	17-20
C. W. WILCOX AND COMPANY	32

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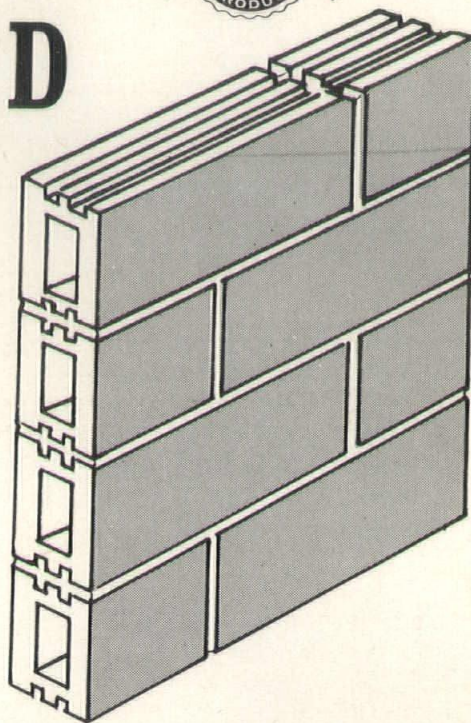
Allen D. Amdal has been named to the industrial sales staff of Western Mineral Products Co. to cover Iowa and eight other upper midwest states as a specialist in Zonolite plastic foam insulation and the new Miniveil doors for cold storage plants. He will headquarter in Minneapolis.

His appointment was announced by Harvey W. Steiff, vice president of Western Mineral Products Co.

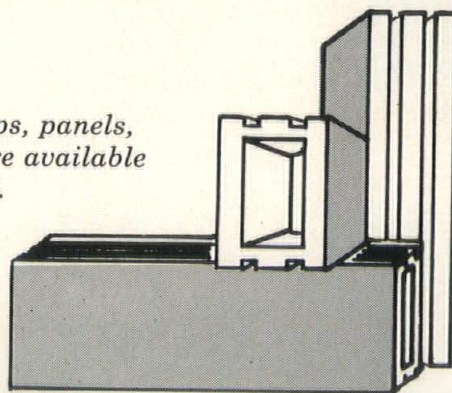
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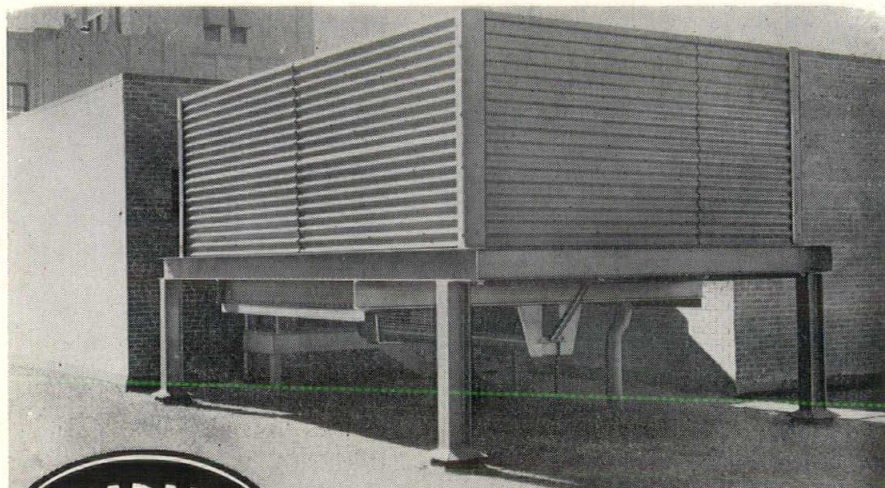
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The hundreds of school board members and interested schoolmen who attended the 1961 convention of the Iowa Association of School Boards had a good view of the A.I.A. display during all meetings. The display of 26 mounts was along the most traveled side of the main auditorium, and others were in the Chapter booth in which the new slide projector presented a continuous showing of photos of work by 13 firms. The slides and projector will be available for showings of architectural work to groups.



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HONOR AWARDS SHOWN IN NEW BOOK

Twelve years of Honor Awards of the A.I.A. are shown in "Mid-Century Architecture in America," now in publication by the Johns Hopkins Press.

The book edited by Wolf Von Eckhardt of the A.I.A. staff, Washington, D.C., contains more than 300 photos of the award winning structures. The list includes 54 honor awards and 174 awards of merit structures.

The book lists at \$12.50, but special arrangements have been made for pre-publication purchase by A.I.A. members at \$10.

RENEWAL BOARD ISSUES DEVELOPMENT BROCHURE

Keyed to a theme that the urban redevelopment program of Des Moines offers a "once in a 100-years opportunity", a fine brochure explains the approved proposals for rebuilding the capital city.

The brochure includes sketches of the area showing the locations available and their relationship to downtown Des Moines and to the freeway which is now under construction.

Disposal documents and other pertinent information regarding uses and controls will be made available upon request to the office of F. C. Price, executive director of the Urban Renewal Board. Clyde Lighter, A.I.A., is a member of the board.

ERRATA

Identification of St. Timothy's Methodist Church, Cedar Falls, in the July-August issue of the Iowa Architect failed to completely identify the project as having been designed during the existence of the firm of Ralston and Lorenzen, Architects, Waterloo.



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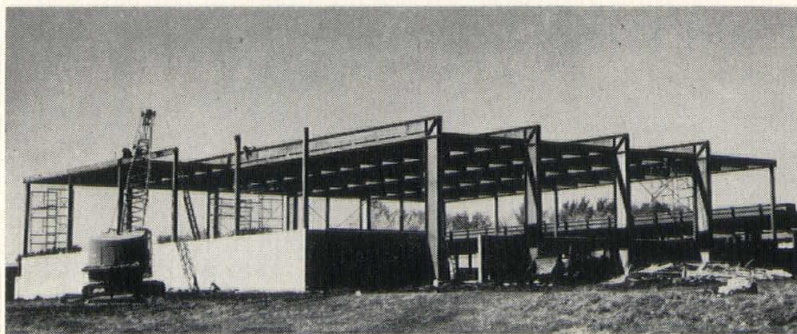
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Plan school conferences

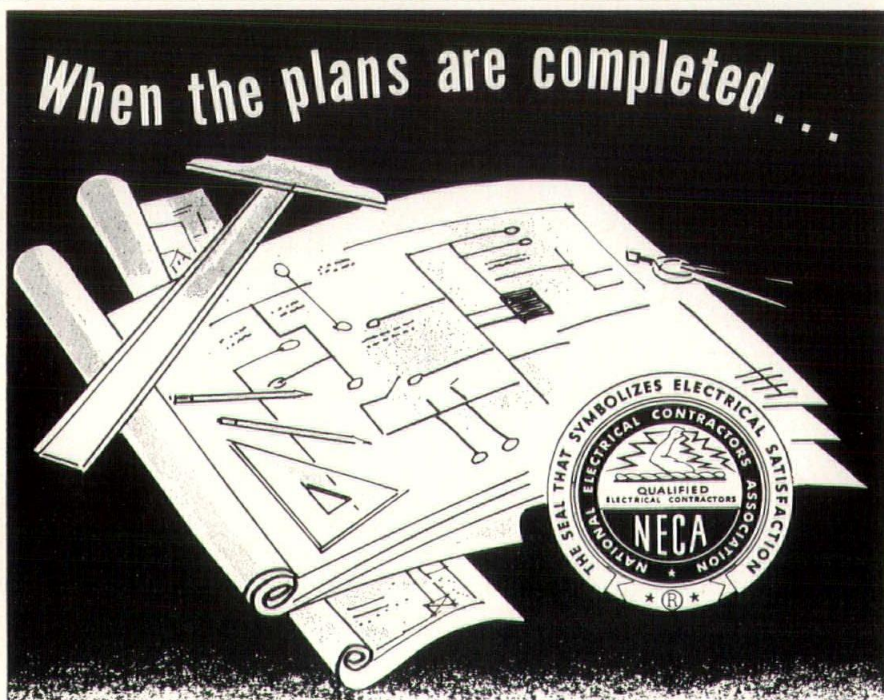
A SERIES of conferences on school building construction are to be held throughout Iowa during the summer of 1962 under the sponsorship of the Master Builders of Iowa and with the assistance of the Iowa Chapter, A.I.A., and the Iowa Association of School Boards.

Discussions of the possible programs has been underway for several months with Robert Ramsey, Schools committee chairman, Robert Savage, chapter vice-president, and Cliff Prall, schools committee member, representing the chapter.

Ken Lewis, executive secretary of the M.B.I., Fred Mast, chairman of the M.B.I. public relations committee, Jack Weichman and Joe Piper of the M.B.I. staff, and Don Foster of the Iowa Association of School Boards, participated in the discussions.

The conferences will be intended to present information and demonstration of new developments and techniques in secondary education, and the effect the new concepts in instruction, such as TV, audio visual, and other devices, are having upon the manner in which school buildings are constructed. The one-day conferences will show the educators the new machines and new materials.

Dates and places of the conferences will be announced later.



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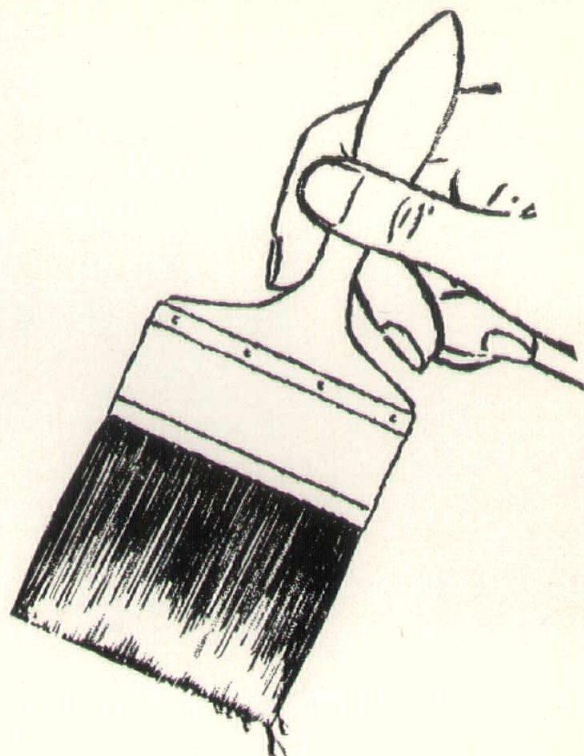
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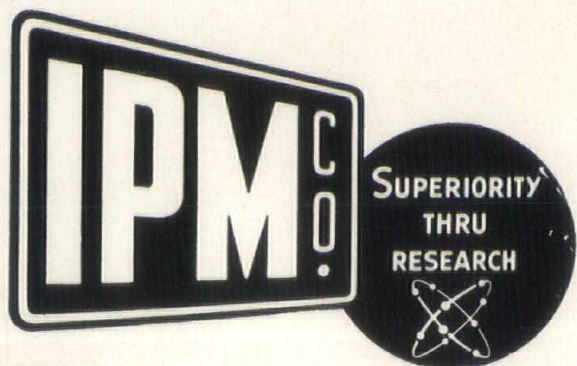


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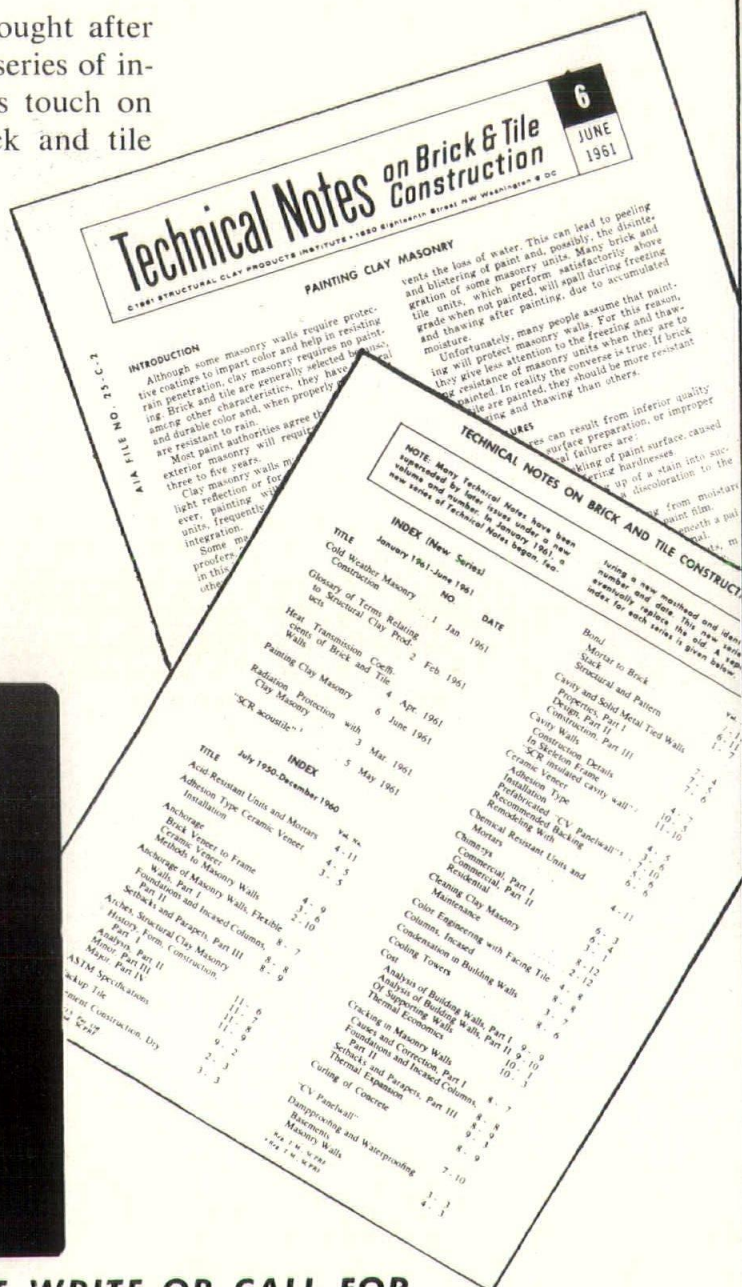
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