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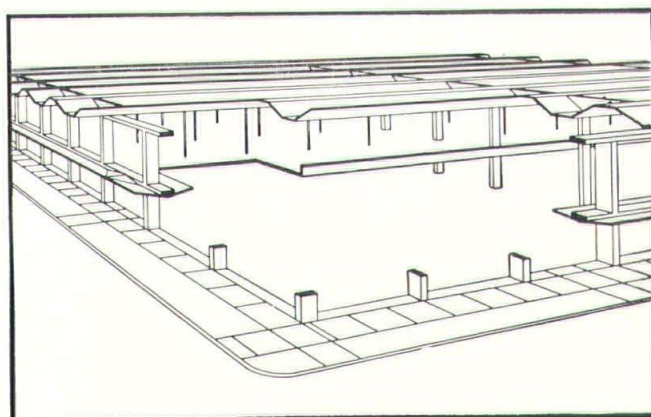
Sears, Roebuck & Company's Tampa store . . .

**concrete folded plate roof achieves  
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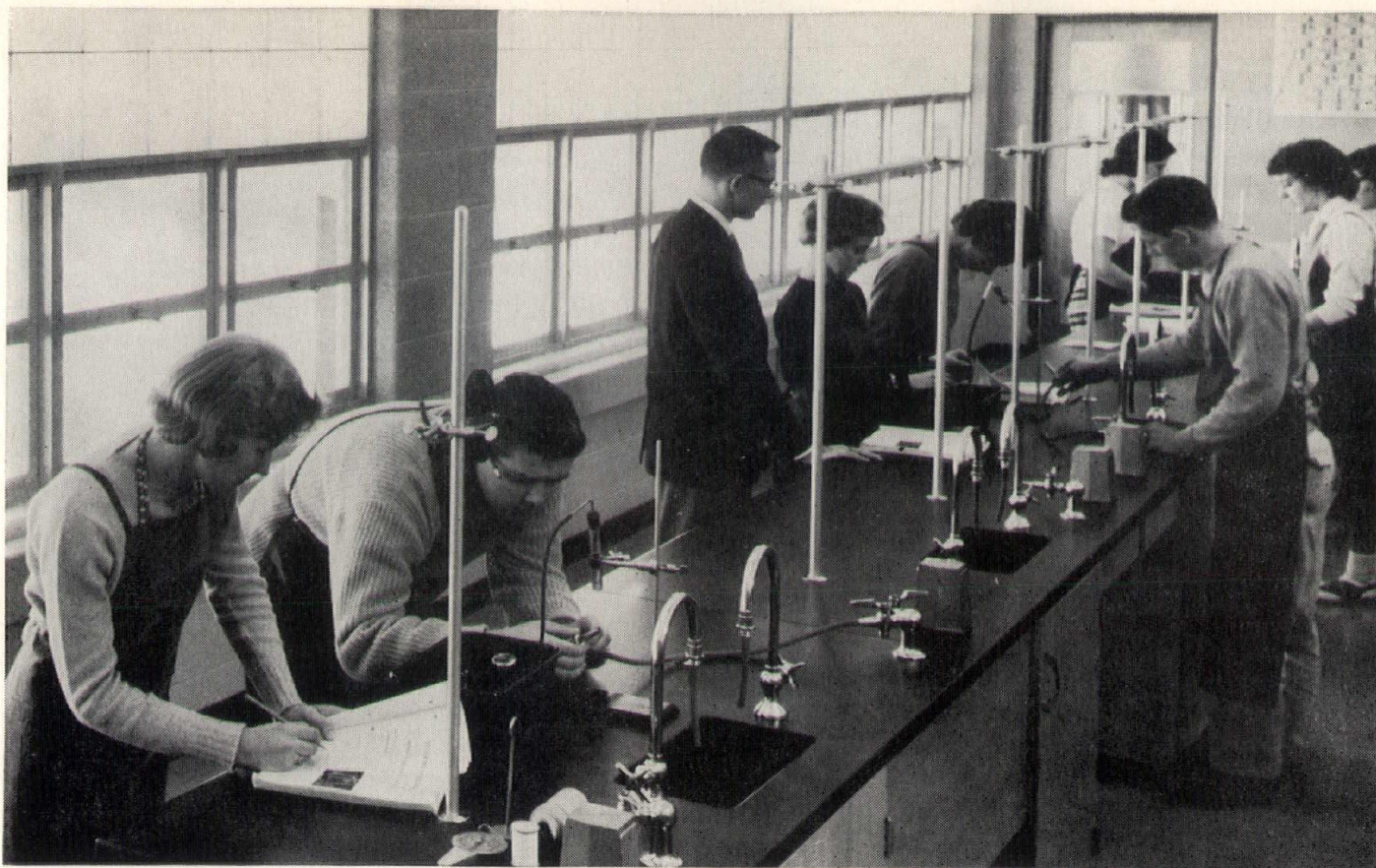
Isometric view showing 125-foot c on c spacing of main columns. Floor slab is supported by 3-inch plates welded together to form a hanger. Hangers are spaced 25 feet c on c.

**PORTLAND CEMENT ASSOCIATION**

612 Merchants Bank Building, Indianapolis 4, Indiana

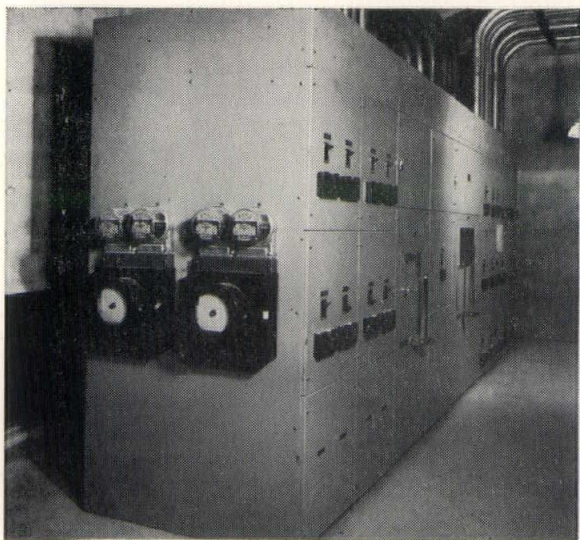
A national organization to improve and extend the uses of concrete





The science laboratory in the new all-electric Woodlan High School, Woodburn, Indiana

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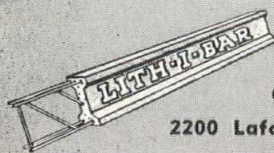


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Official Journal, Indiana Society of Architects,  
A Chapter of The American Institute of Architects

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December, 1960

Number 8

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## CONCERNING THE COVER:

*The beauty of a stained glass window is an ageless expression of religious faith. At this Christmas, 1960, we are fortunate in having the opportunity to express our Christmas greetings to you through this inspiring art form.*

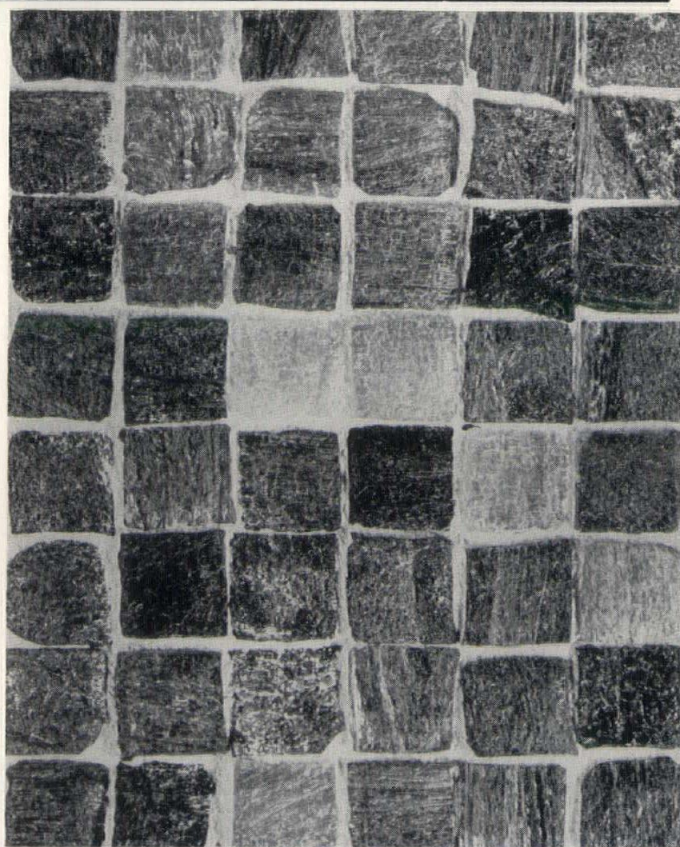
*Designer Will Lamm, of the Stewart Carey Stained Glass Studio of Indianapolis, created the design for the stained glass window on this month's cover; color plates were executed by Ropkey Engraving Company, Inc.*

## Looking for Something DIFFERENT?

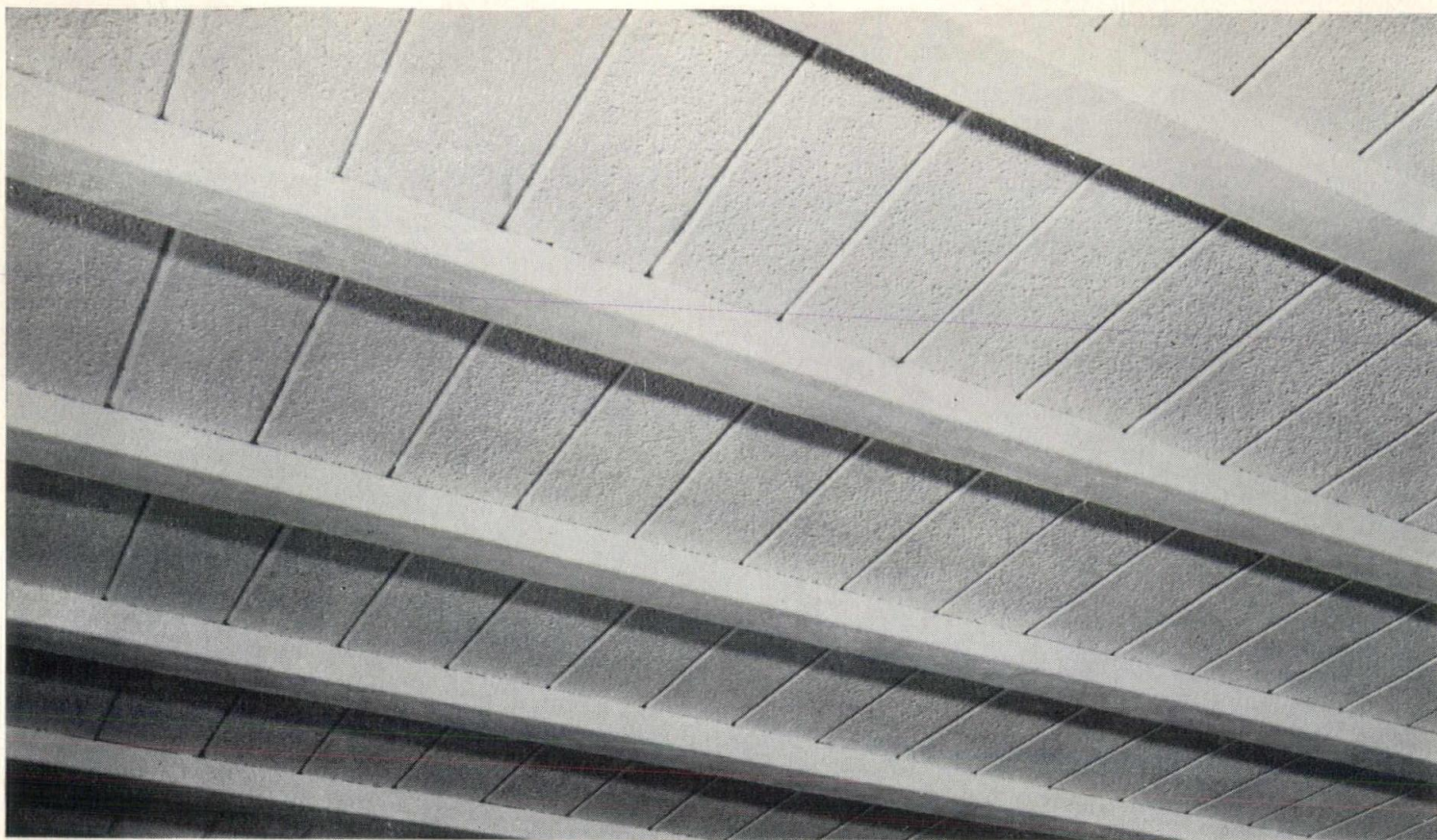
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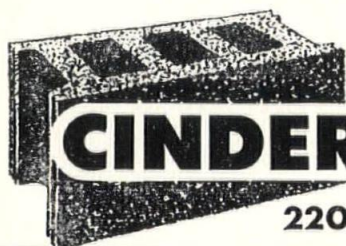
*This acoustical ceiling features the precast concrete TEE-BLOK JOIST System with attractive lightweight recessed filler block.*

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# An Ageless Expression of Religious Faith

Shortly after the Second World War, American stained-glass artists and craftsmen began to rival the European masters. Many of the European glass studios could not recover from the havoc of war, and today the finest stained glass in the world is being produced in American studios.

The stained glass window on this month's cover was designed by Mr. Will Lamm, manager of Stewart-Carey Stained Glass Studios in Indianapolis. A designer, painter and sculptor, Mr. Lamm studied at DePauw University, Corcoran Art School, Indiana University and John Herron Art Institute. He holds both a Bachelor's and a Master's Degree in Fine Arts, and has traveled extensively in Europe studying church art.

In designing a stained glass window, the foremost consideration is the architectural setting of the building. The window must be in harmony with and compliment the structure. Within this framework, the artist prepares original colored sketches of inspiring designs or figures.



1. Artist Will Lamm of the Stewart Carey Stained Glass Studio creates an original color sketch of a window as it will appear when completed.



3. Patterns made from the full-size drawing are used to cut each piece of glass to shape. The patterns also indicate the color of glass needed.

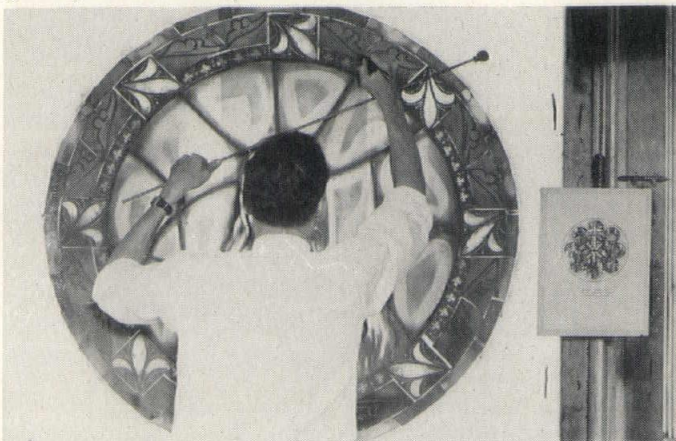
When the final color sketch is completed and approved, a full-size line drawing is made, which is traced onto pattern paper. Each division is assigned a color number and then the individual divisions are cut out. Each pattern piece, therefore, is the exact size and shape required for the window, and is numbered for color.

Proper glasses are selected according to the color numbers and the pieces of glass are cut to shape following the paper patterns. These pieces then are assembled on a horizontal plate glass, which can be tilted to a vertical position to permit the artist to paint additional designs or to change the color tones in the window.

The window is then disassembled, and the painted pieces are placed in a furnace to fix the artist's work. Finally the glass is assembled in a frame, each piece separated by soldered lead. A special type of cement, forced between the lead and the glass, makes the window waterproof and holds the glass firmly in place so that it may be installed in its place.



2. From the colored sketch, a full-size line drawing is made; heavy lines represent lead that separates the glass pieces in the finished window.



4. The individual pieces of glass are assembled on a horizontal plate of glass which the artist tilts vertically to add additional design.





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# TO THE POINT

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*Experience Really Counts*, according to one Virginia architect. This gentleman notes the trend to substituting low price for quality as the purchasing criterion for many custom building products. As a representative of the building owner, he feels that a general contractor should only be permitted to substitute materials other than specified when an appropriate credit is given to the building owner for effecting the substitution. In his experience, substitute materials often don't perform as represented, resulting in higher maintenance costs. Quality and experience may cost a little more, but you can't afford to do without them.

\* \* \*

**When Special Mortising** for concealed type hardware is required in doors and frames, the architect will save confusion and possible delays by indicating which openings are affected, and outlining this in the Hollow Metal Section of the specifications. This is especially important if hardware is to be purchased under an allowance, so that the door manufacturer may properly estimate the mortising charges involved at the time of bidding, and not have to seek an extra after the hardware schedule is written.

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"To The Point" is published for the interest of the architectural profession. Comments you write will be discussed anonymously in this column. Write: H. W. Wehe, Jr., Executive Vice President, Overly Manufacturing Company, Greensburg, Pa. Other Overly plants at St. Louis, Mo., and Los Angeles, Calif.



# Civic Planning Competition Winners Announced

Winners in the 1960 Civic Planning Competition on Community Improvement sponsored by the Indiana Society of Architects were honored at the Society's Notre Dame Meeting on Friday, November 11th.

First place prize winner was Mr. James P. Cassidy, 21, of Larchmont, New York. Mr. Cassidy is a student in Notre Dame's School of Architecture. Second place honors went to Mr. Charles C. Bolderick, 20, of Lebanon, Kentucky. Mr. Bolderick is a senior at Notre Dame, also in the School of Architecture.

Mr. John A. Martine, 21, of Monroeville, Pennsylvania, won third place in the competition. Mr. Martine is a senior in the School of Architecture at Notre Dame. Two honorable mentions also were awarded in the contest, to Mr. John H. Loomis, of Lafayette, Indiana, and to Mr. David M. Trigiani, of Bangor, Pennsylvania. Mr. Loomis is employed by Walter Scholer & Associates of Lafayette, and Mr. Loomis is a fourth year student in Notre Dame's School of Architecture.

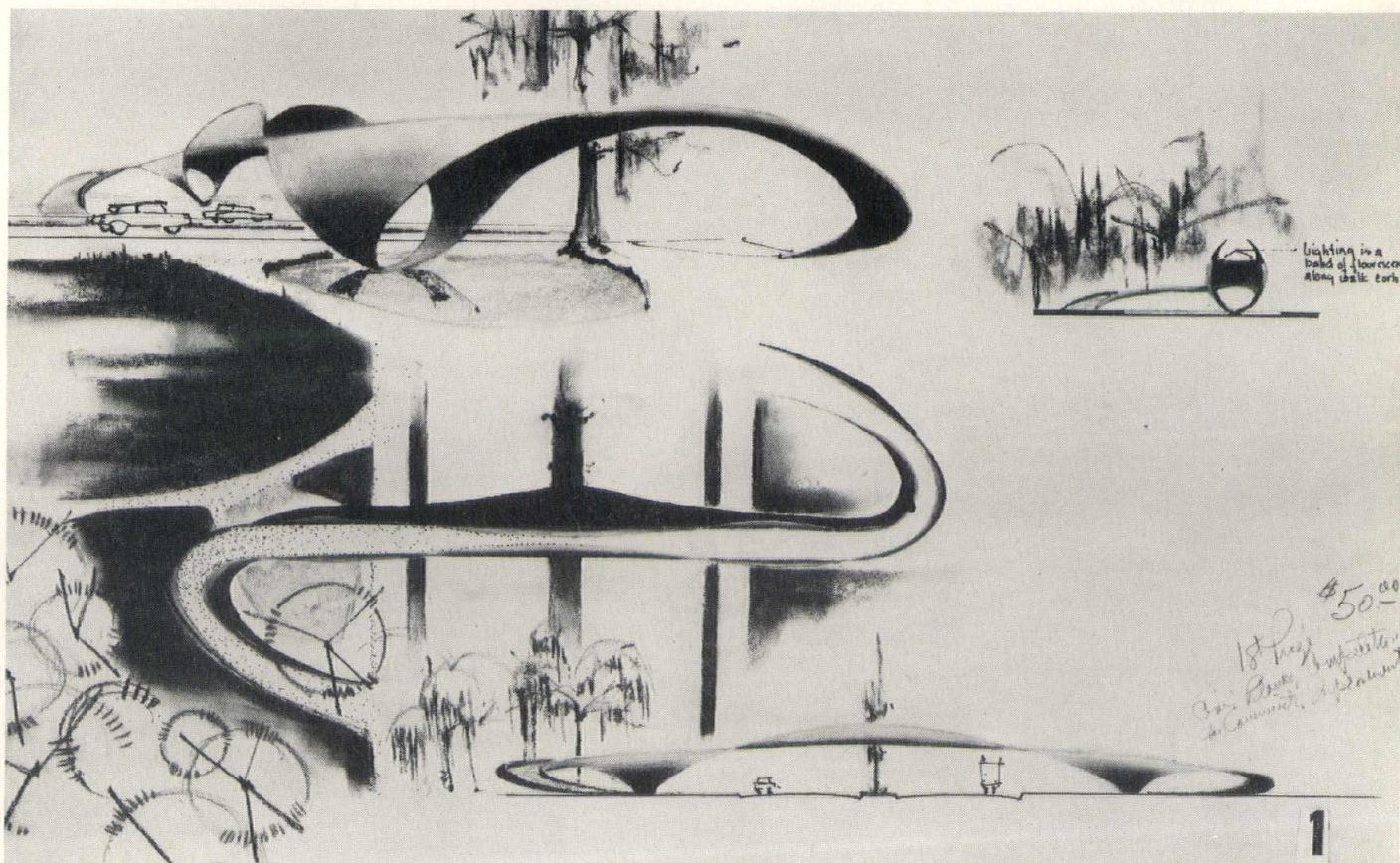
Basically the problem was to plan an overhead pedestrian walkway connecting a ten foot wide walk on the beach side of an expressway with another ten foot wide walk contained

within a park paralleling the highway. The expressway was ninety feet wide from curb to curb overall, and a clear height of fourteen feet was required over the roadbed. The overpass was to have a railing and means of being lighted at night.

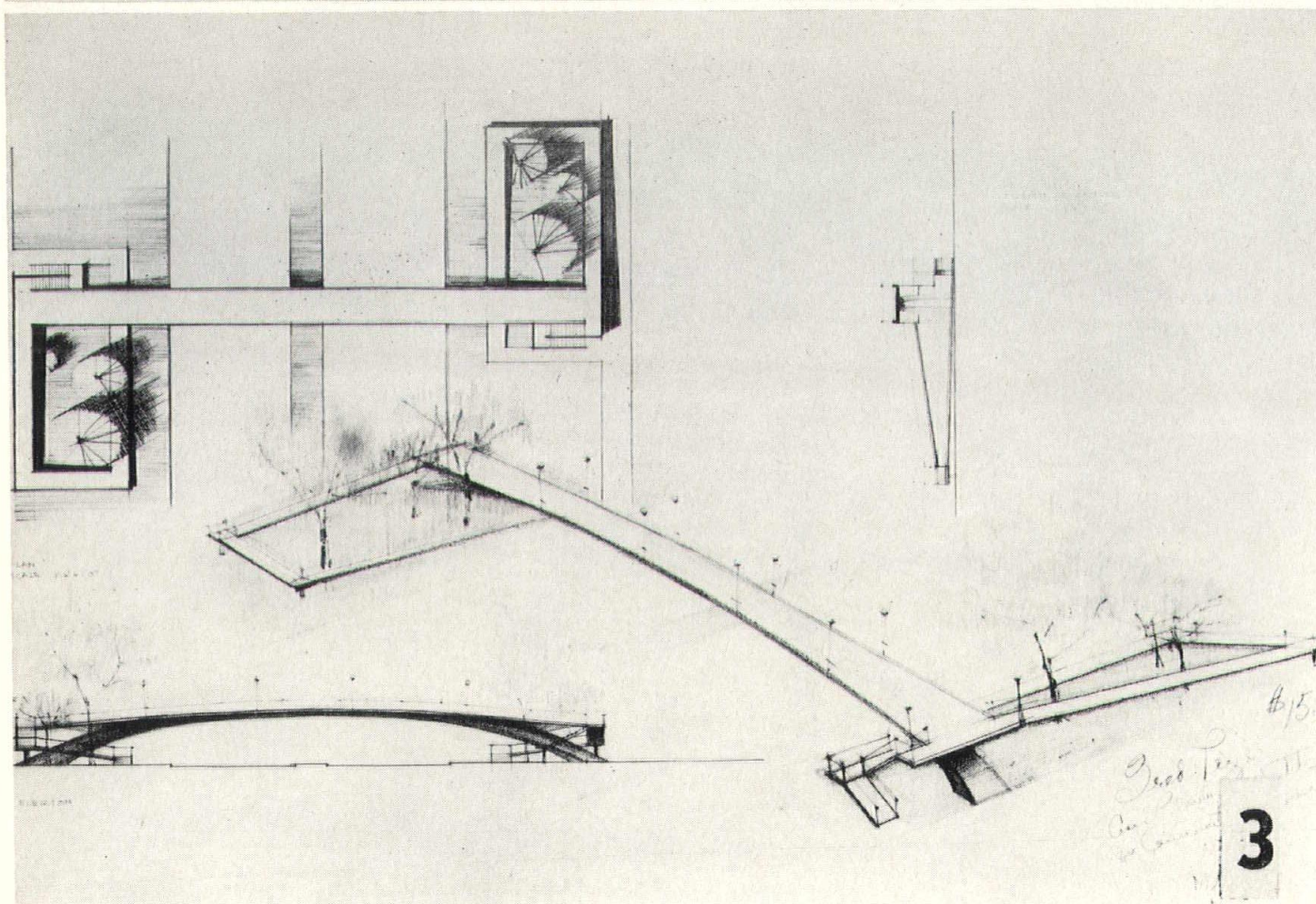
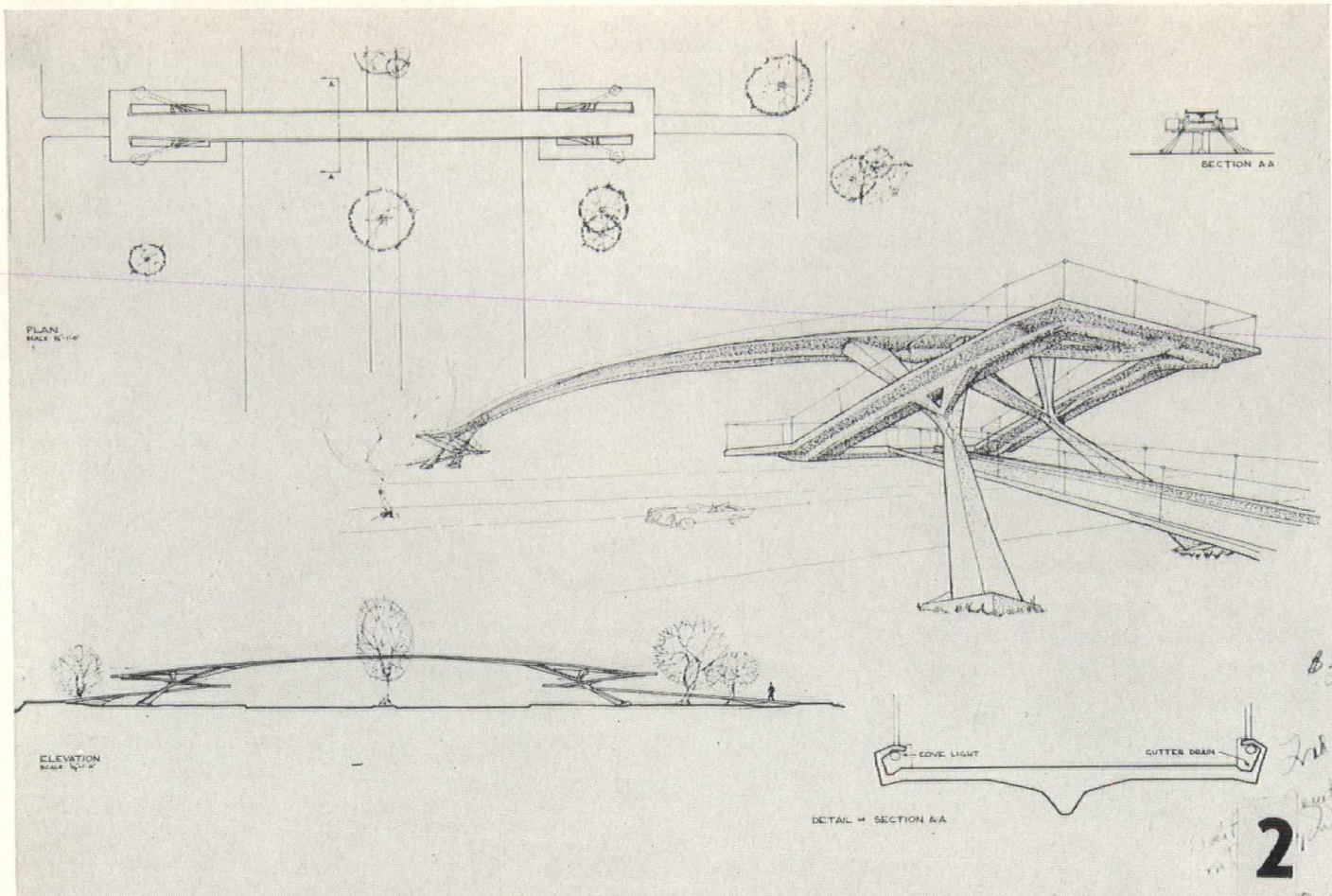
The materials used in the construction of the overpass were left entirely to the discretion of the competitor, with the design expressing the materials of construction. In addition, the solutions had to provide for wheeling baby buggies over the walkway.

The winning solutions appear below and on the following two pages, with authorship as follows:

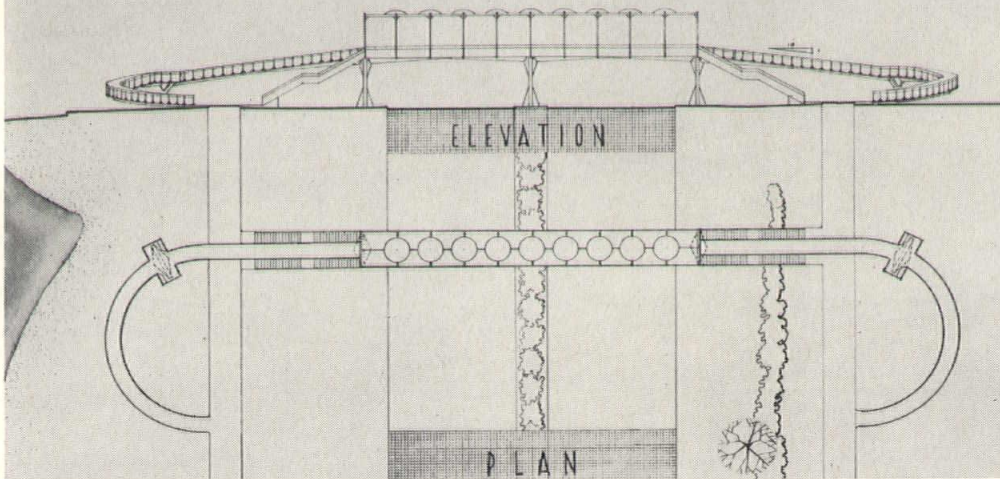
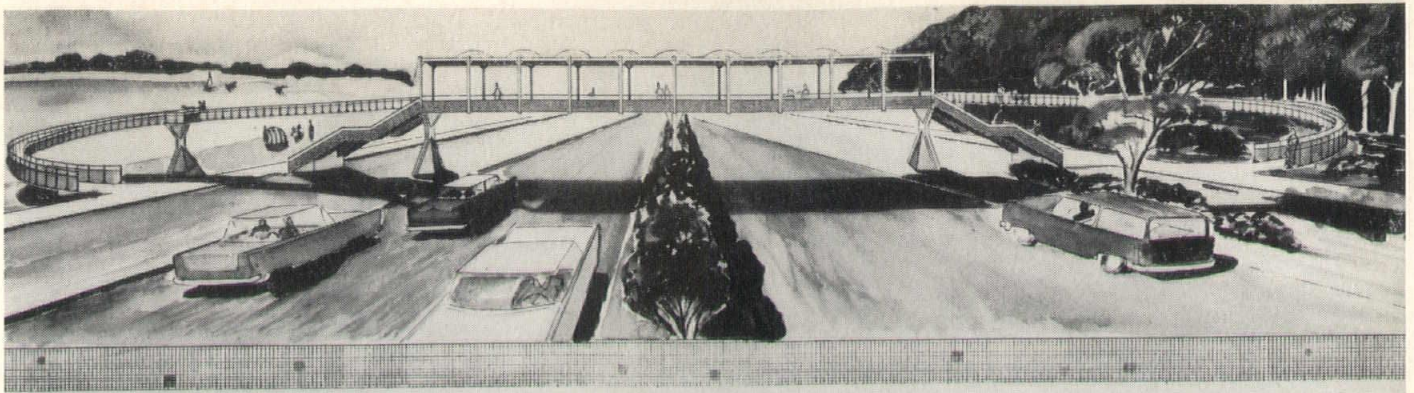
1. First Place, by Mr. James P. Cassidy (below).
2. Second Place, by Mr. Charles C. Bolderick (page 10, top).
3. Third Place, by Mr. John A. Martine (page 10, bottom).
4. Honorable Mention, by Mr. John H. Loomis (page 11, top).
5. Honorable Mention, by Mr. David M. Trigiani (page 11, bottom).









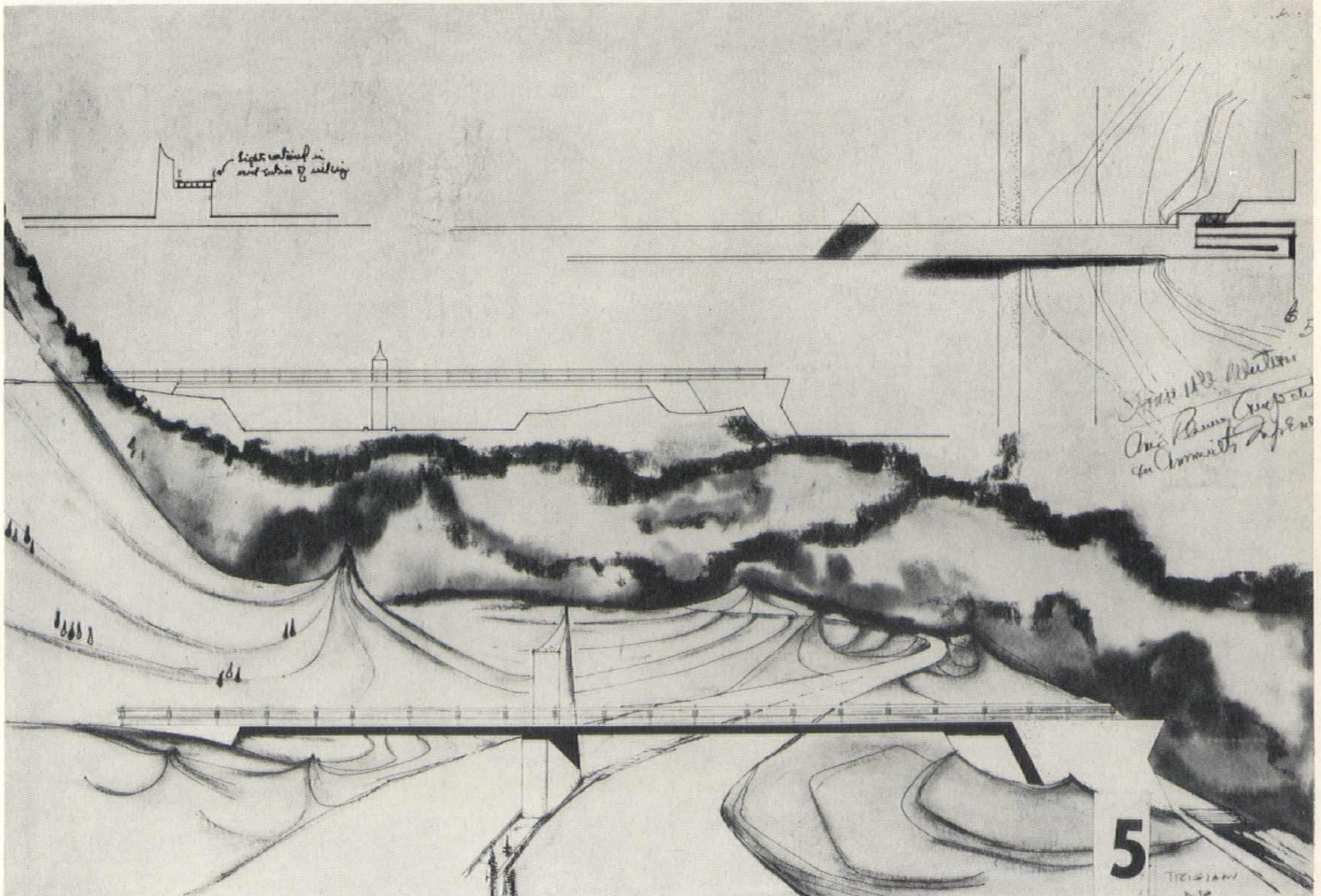


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**4**



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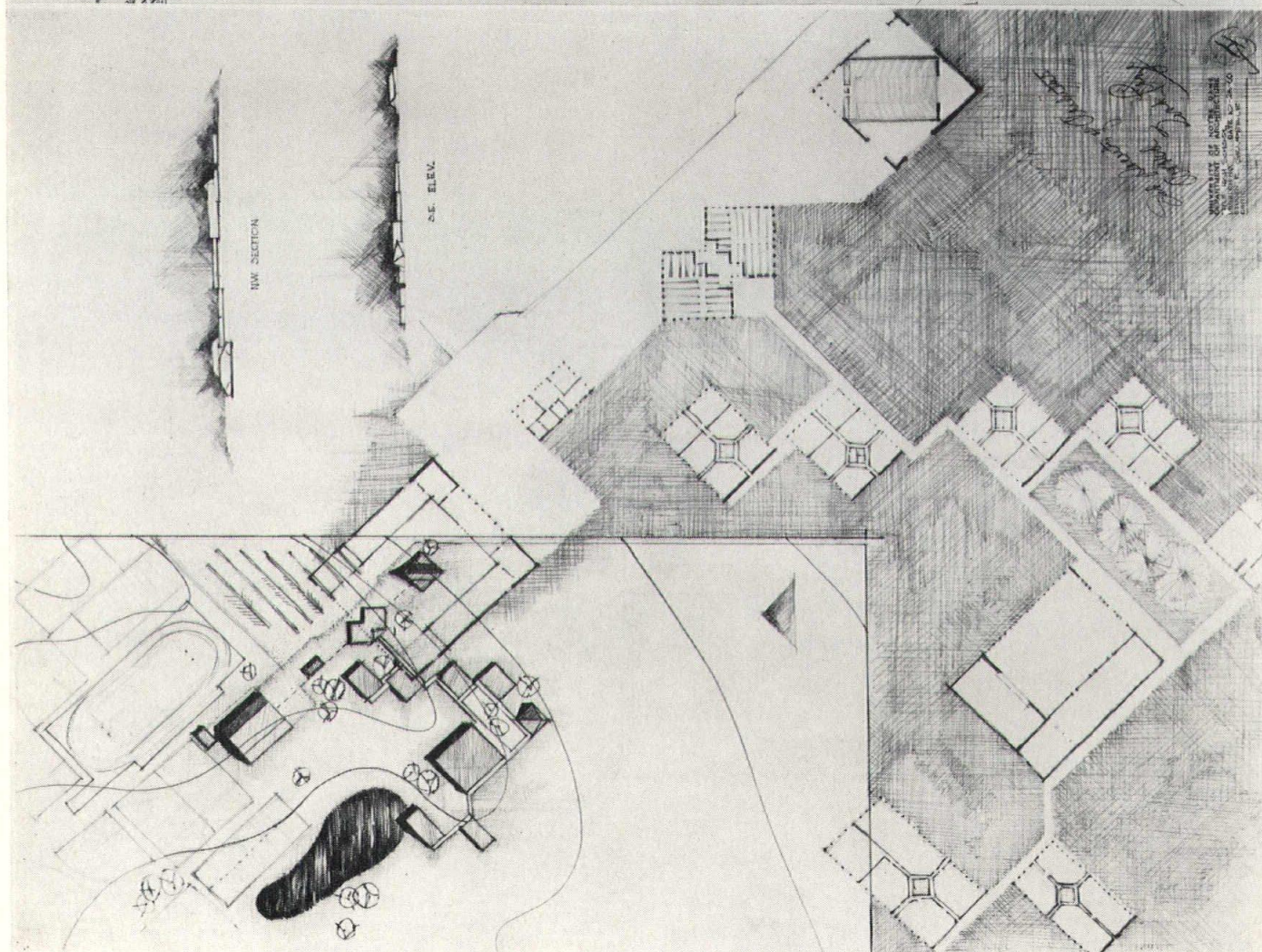
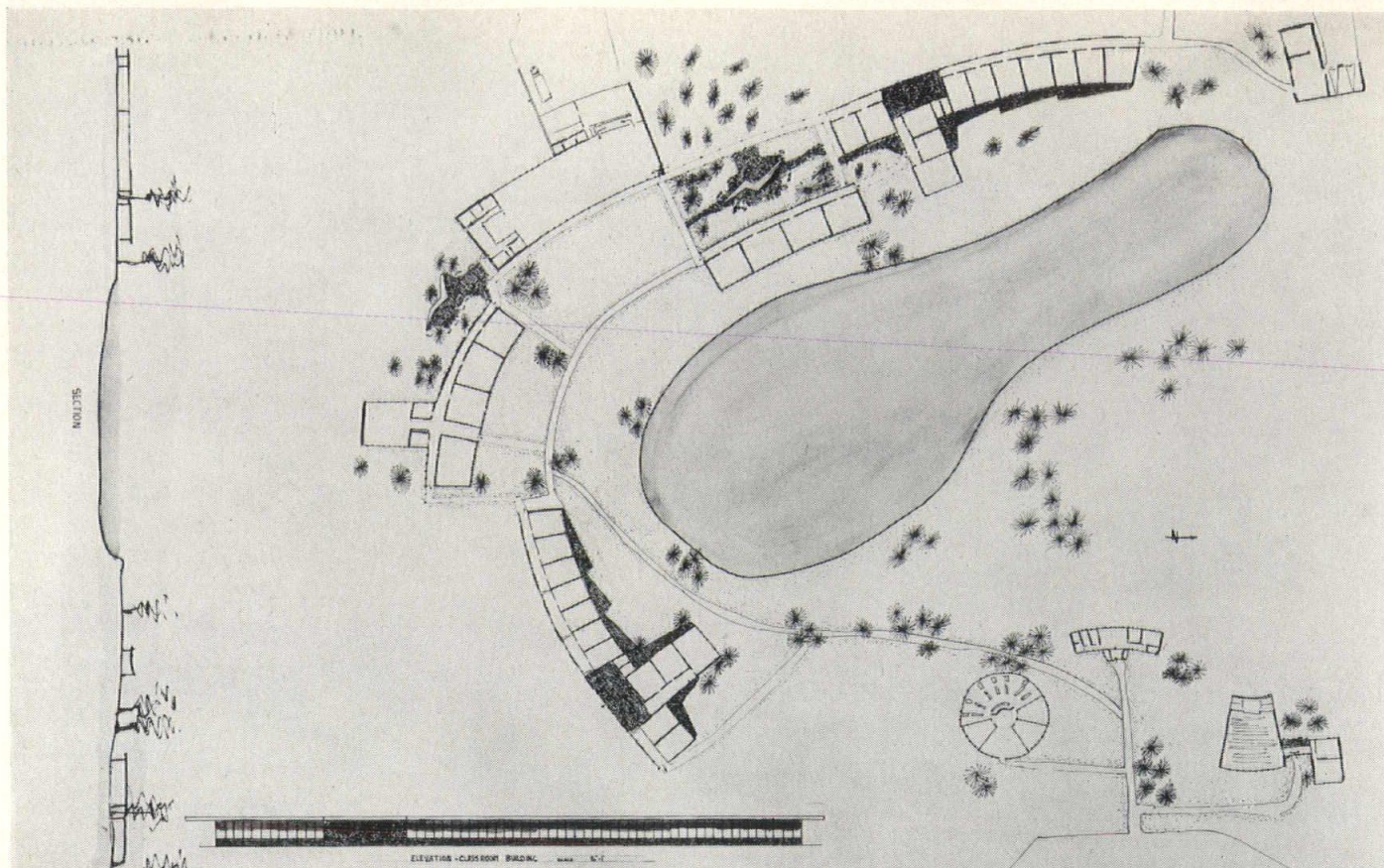


*light reflected in  
and within of building*

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**5**







# Students Honored at Notre Dame Meeting

The Annual Fall Meeting of the Indiana Society of Architects was held at Notre Dame University in South Bend on November 11th and 12th. Highlight of the two-day meeting was the presentation of student design awards at the Friday night banquet.

The design problem this year, to design the site layout for a high school, was written by the Chicago architectural firm of Perkins and Will. Mr. Robert J. Taylor took first place honors with his solution (opposite page, top). Second place honors went to Mr. Albert R. Gemperle's solution (opposite page, bottom), and third place was won by Mr. Robert E. Hoffman (right).

Following the Student Award Banquet (at which the Civic Planning Competition Awards also were made), Mr. Lawrence B. Perkins, FAIA, spoke on "Environment for Learning."

Earlier Friday, Professor Ernest H. Brandl of the University of Notre Dame spoke on the architectural aspects of Romanesque art and architecture. This talk was given in conjunction with an exhibit of Romanesque Art and Architecture in O'Shaughnessy Hall, held as part of the Festival of the Arts sponsored by the University.

On Saturday morning, an informal business discussion was held at the University. Mr. John Fleck, AIA, chairman of the Indiana Society's Legislative Committee, outlined the profession's legislative goals for the coming session of the Indiana General Assembly.

The other major topic for discussion at the business session regarded the establishment of a Northern Indiana Chapter of the American Institute of Architects. This Chapter will receive its charter from the Institute on January 1st of next year, culminating several years of effort by the architects in Northern Indiana to have their own Chapter separate from the Indiana Society.

The petition to establish an additional Chapter in Indiana was approved by the Board of Directors of the A.I.A. on September 30th, and currently discussions are under way concerning the exact organization of the profession within the State.

Mr. Perkins' talk was part of a series of lectures sponsored by the University of Notre Dame's Department of Architecture and the Student AIA Chapter. Earlier in the year, on October 13th, Mr. Emil Fei spoke on "Stained Glass as an Applied Art," and this month (December 7th), Mr. James Eldridge of Indianapolis spoke on world affairs.

The schedule for the remainder of the year is:

January 13, 14—SAM T. HURST, Dean, Auburn University—"Architectural Education."

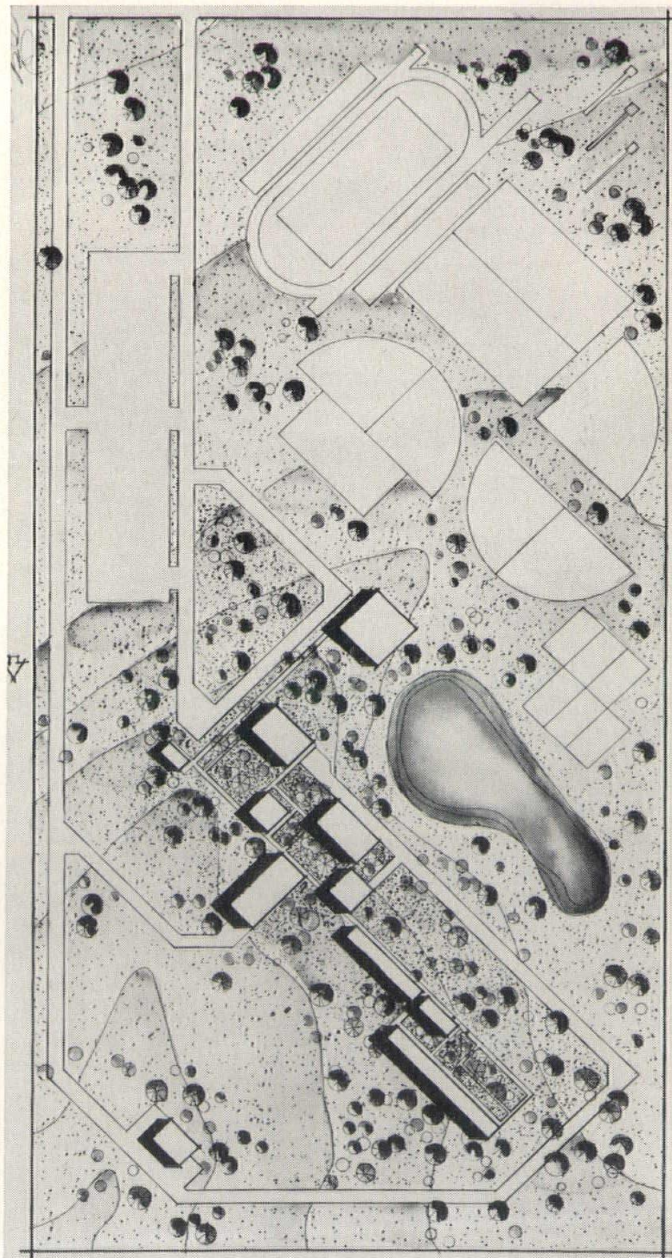
February 21—LEO A. DALY, AIA, Architect—"Missile Stations."

March—JAMES E. LAMANTIA, AIA, Artist-Architect—"Architecture."

April 10—JOSEPH D. MURPHY, FAIA, Architect—"Ecclesiastical Architecture."

April 27—CHARLES L. FARRIS, Executive Planning Director—"Land Clearance for Redevelopment."  
"Land Clearance for Redevelopment."

May 12 — JOHN E. WALLEY, University of Illinois—"Structures."





# Metallurgical Lab for U. S. Steel Designed

The Gary Steel Works of the United States Steel Corporation has announced construction of one of the most modern plant metallurgical laboratory facilities in the steel industry. The four-building complex, designed by Beine, Hall & Curran, Inc., of Gary, will be located on a triangular site in the northwest portion of the Gary works.

The two-story administration building, housing the metallurgical staff offices, has been designed using a stainless steel curtain wall with light beige panels and mullions. This building (at right in photo below) dominates the complex visually.

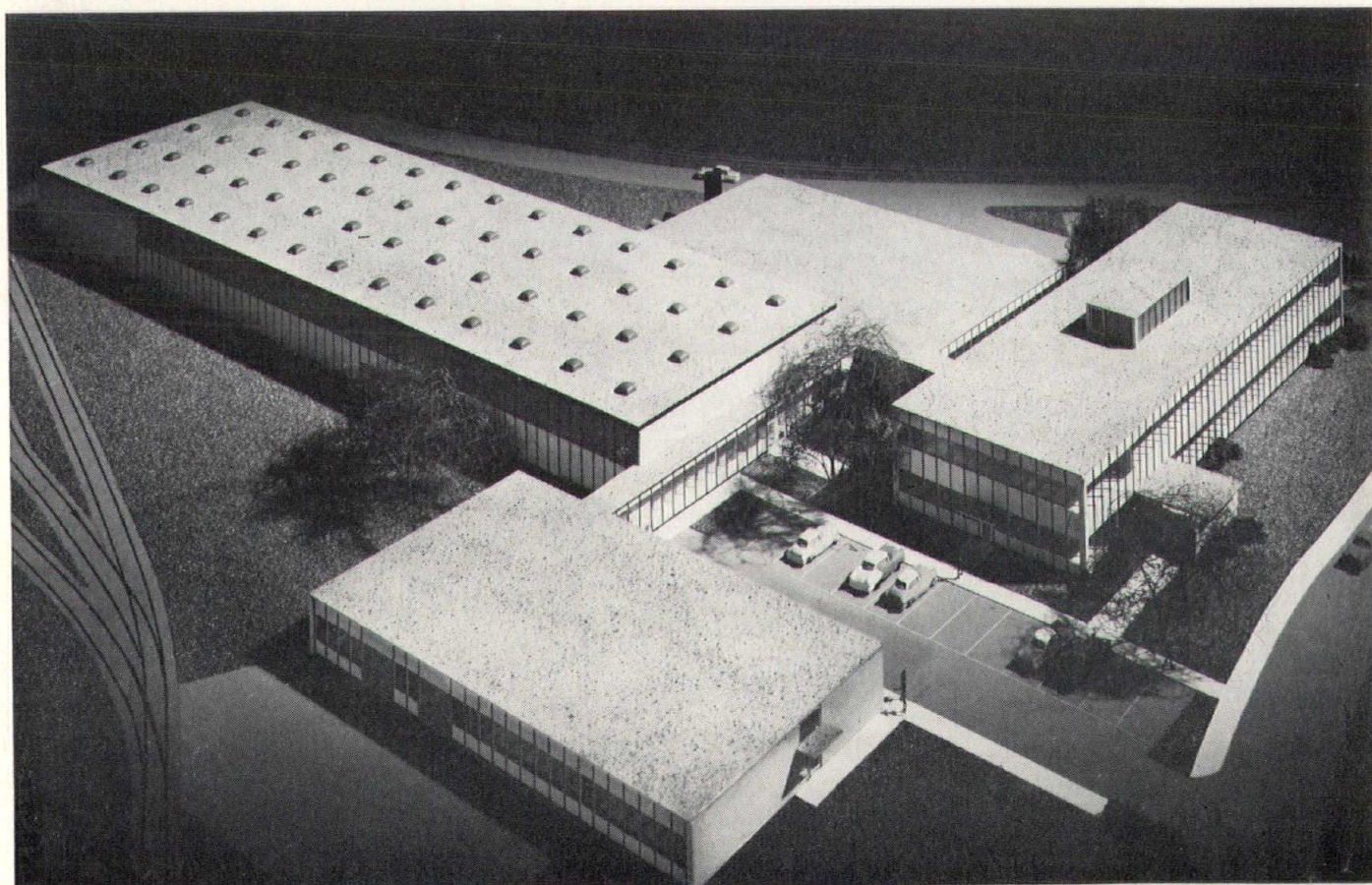
The control center office building (at top of picture below), housing delicate testing and photography equipment as well as the control system for all items being processed, is a one-story structure separated from the other units and partially enclosed with masonry. This separation provides visual interest through the small courts, which have access to the parking areas.

The metallurgical testing laboratory, itself, maintains its identity by being slightly less in height than the administra-

tion building; visually, it occupies a place of secondary importance in the complex. No windows were included in the testing laboratory; ample natural light for all technical functions is furnished by the plastic sky domes on the roof. The design emphasizes a clean and efficient working laboratory, without exposing the inner, complicated and unpredictable working elements. The steel fascia at the roof line expresses the steel structure of the building although the structure is faced with brick and curtain wall units.

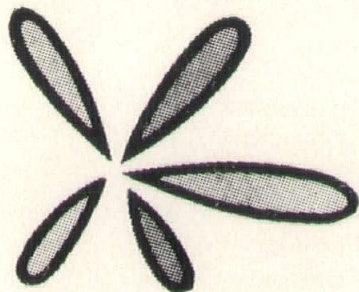
The fourth structure in the complex is the ceramic development laboratory (foreground in photo below). This building is faced on the west entirely with brick, further setting off the light and airy administration building, and employs long-span joists to span its sixty-foot width.

The importance of the buildings as designed and grouped display the owner's products architecturally. The exterior colors were chosen to maintain a crisp and clean appearance; the metallurgical lab will be light beige in color with black accents and red high tones. The lawns and planting soften the crisp silhouettes of the structures, and the entire group of buildings is laid out on a four-foot module.





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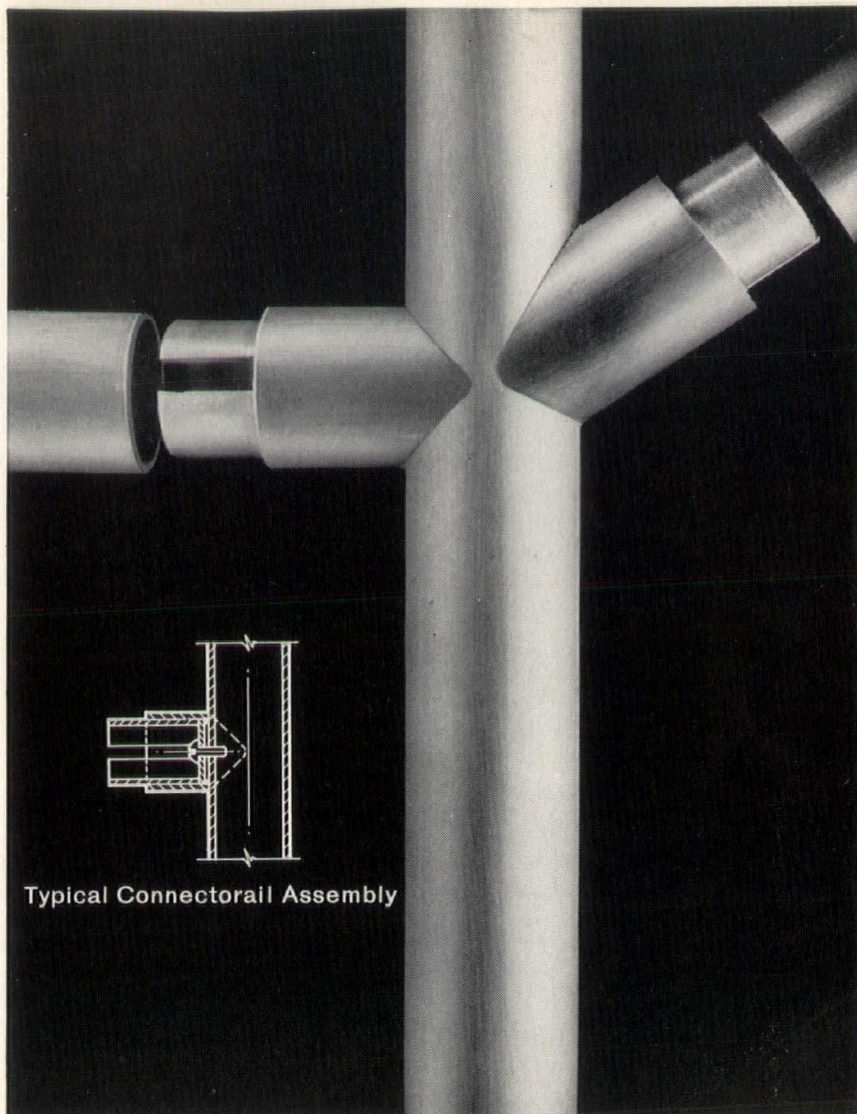
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# Three Projects Announced by Fleck, Quebe & Reid

Three new projects, all additions to existing structures, have been announced by the Indianapolis architectural-engineering firm of Fleck, Quebe & Reid.

The first project is the second phase of the Bahr Treatment Center at Central State Hospital in Indianapolis (pictured below). The first portion of the intensive treatment center for treatment of the mentally ill was completed in April, 1959, at a cost of \$1,460,521. This portion included an eighty-eight bed hospital unit, administration facilities and treatment facilities.

The second phase, on which construction started early this year, also includes an eighty-eight bed hospital unit along with a physical activity area. This phase, costing an additional \$609,941, completes the master plan for the center.

One of the first new units of its type in this country, and one which has received considerable national publicity, the Treatment Center will be completed in the Spring of 1961.

The second project announced is the addition to Northwestern High School at Kokomo (pictured at the top of Page 18). The addition includes twenty-seven teacher stations (library, science suite, home economic suite, commercial suite, language lab, music suite, arts and crafts

center, industrial arts shop and agriculture shop, cafeteria and kitchen, administration offices, clinic and guidance suite and additional locker rooms.

Also included in the project is the remodeling of existing buildings, including a new gym entrance, two new junior high classrooms, a garage for drivers' training and chorus room facilities.

Approximately 62,000 square feet of space will be added by this project, costing an estimated \$950,000.

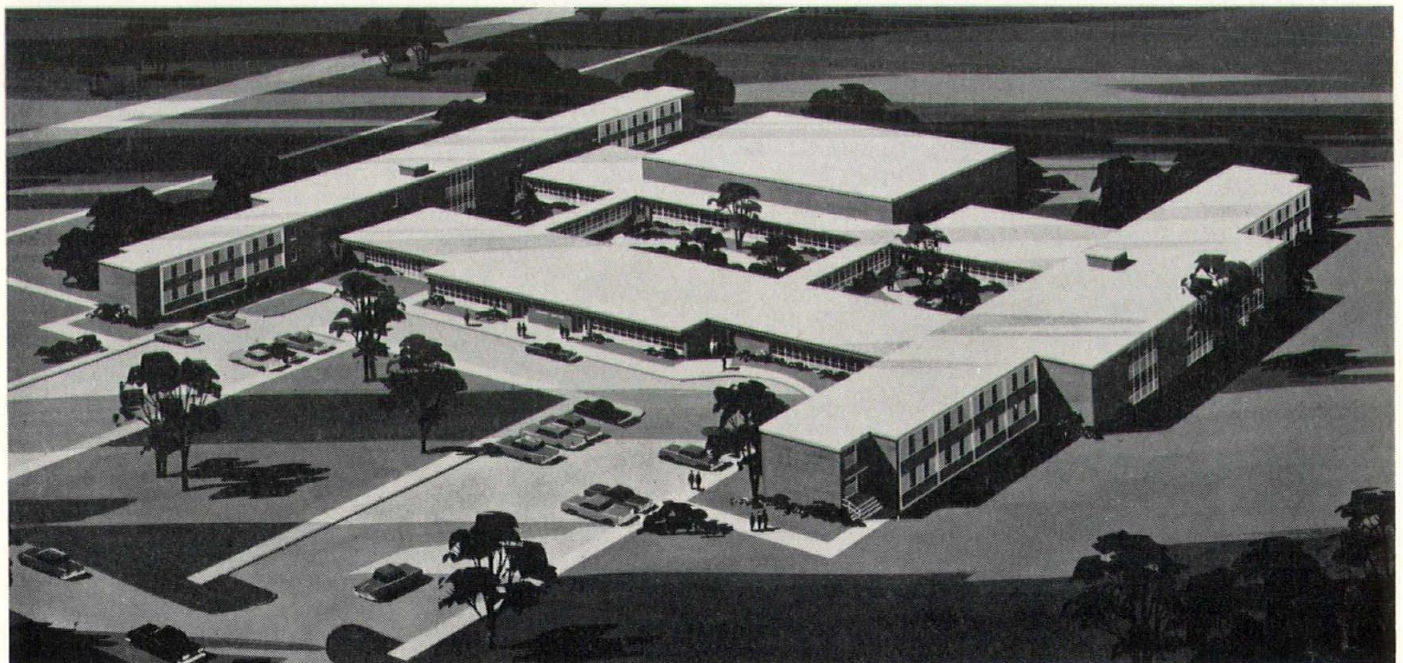
The third project is an addition to the Hillcrest Elementary School at Delphi (pictured at the bottom of Page 18). The addition consists of eight classrooms, multipurpose room, offices, shower and locker rooms. Approximately 20,440 square feet of space is being provided at a cost of \$307,561.

The building is constructed of steel tube columns supporting laminated beams and wood fibre structural deck with built-up roof. The multipurpose room is masonry bearing, and interior partitions are metal stud lath and plaster.

Exterior walls consist of brick, two-inch insulation and lightweight aggregate block, plastered. Electric heat has been used in the addition.

*BAHR TREATMENT CENTER, Central State Hospital, Indianapolis: Two-story wings of reinforced concrete frame, one-story wings of structural steel*

*frame. Masonry and curtainwall; 123,765 square feet; total cost: \$2,070,462.00.*





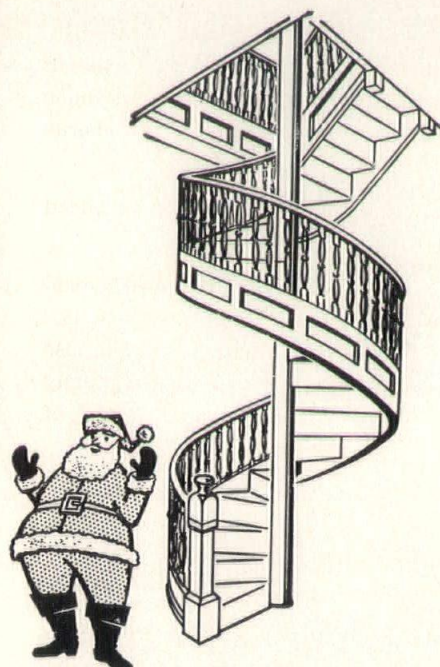
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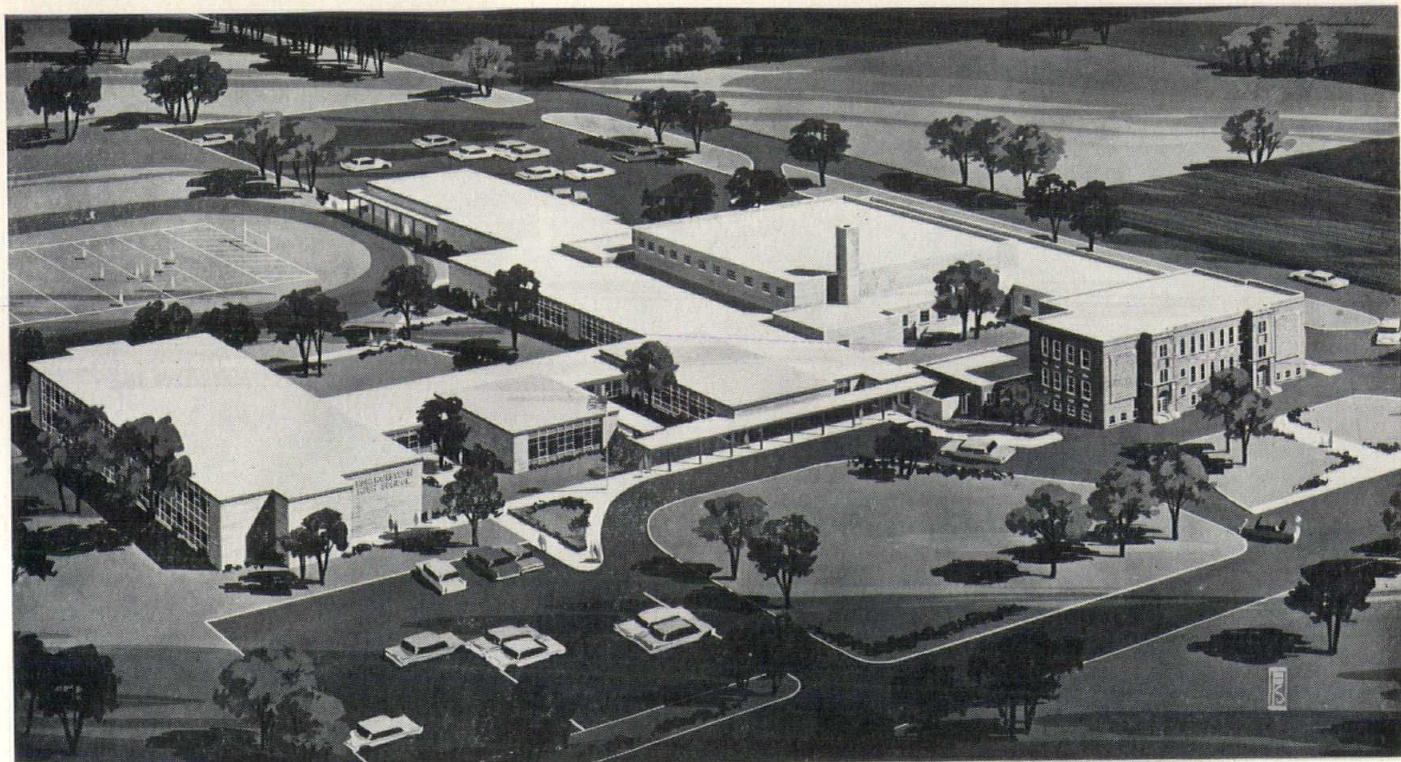


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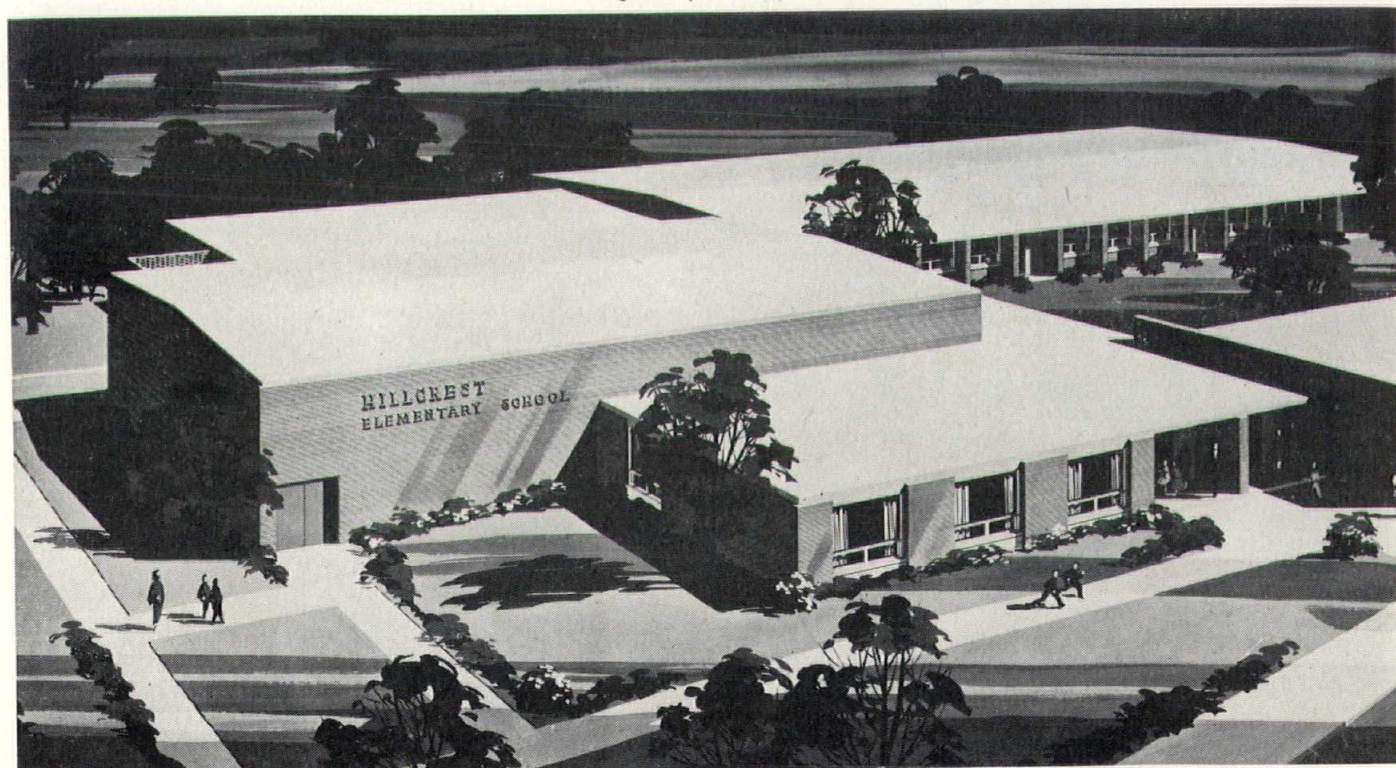
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*NORTHWESTERN HIGH SCHOOL, Howard County, Koko: Steel frame; steel joists, floor and roof; metal roof deck; brick masonry walls; aluminum window walls. Interior materials: Floors, terrazzo, ceramic tile, asphalt and vinyl asbestos tile; walls, brick, glazed tile and light weight brick; ceilings, acoustical tile and plaster. 62,000 square feet; approximate cost: \$950,000.00*

*HILLCREST ELEMENTARY SCHOOL, Delphi: steel tube columns and laminated beams, wood fibre structural deck, built-up roof. Exterior walls: brick, insulation and light weight aggregate block, plastered. Vinyl asbestos tile floors, electric heat. 20,440 square feet; approximate cost: \$307,561.00.*





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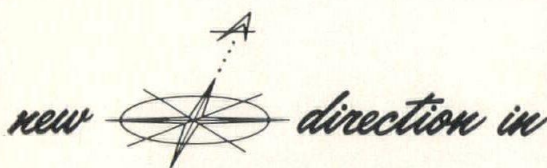
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# The Passing Seen

By **DON E. GIBSON**

The architectural profession of Indiana lost one of its most distinguished members on November 11th. **Mr. H. Wilson Peterson**, of Columbus, Indiana, died at his home after a long illness.

Mr. Peterson had been associated with the firm of Dunlap and Company in Columbus since 1935. Prior to that time he was associated with the W. R. Hunter company of Indianapolis as an architect. He was a graduate of and former instructor at Chicago Technical College in Chicago.

Following many years of associate membership in the Indiana Society, Mr. Peterson was elevated to Associate Emeritus Membership last July.

★ ★ ★

On a Christmas Eve in the late 1930's, **Mr. Edward D. Pierre, FAIA**, walked around a dull, dark and dreary Monument Circle in downtown Indianapolis. In his mind he visualized the pleasant contrast if it would only be possible to annually transform this famous landmark into a bright, live, colorful and inspiring Christmas setting.

The more he thought about it, the more enthusiastic he became. Here, indeed, was an ideal setting for the portrayal of The Nativity Scene. Also here, the genuine Spirit of Christmas—"Peace on Earth, Good Will to Men"—could

be impressively proclaimed for thousands of passerby to see and to heed. Then, too, it seemed most appropriate for the traditional and inspirational Christmas Carols and Music to reverberate from this central location throughout the busy canyons of commerce.

**Mr. Fran Schroeder, AIA**, an associate of Mr. Pierre's, also dreamed of the Spirit of Christmas on Monument Circle, and to him fell many of the tasks of bringing about the transformation. Many months of hard, dedicated work went into the project. Some funds were raised from various civic groups, including the Construction League of Indianapolis and the John Holliday American Legion Post, but hands had to create what there was no money to buy. The stable for the Nativity Scene, for example, was built by Mr. Schroeder in his own garage.

Plans were laid and steps taken to bring this dream into living focus, but World War II prevented fulfillment of the plans until 1945. The outstanding success of that first effort was widely acclaimed, and each year since has brought renewed successes, and the Indianapolis Christmas has earned the respect and appreciation of all citizens of Indianapolis.

Architects working with the Christmas Committee, in addition to Mr. Pierre and Mr. Schroeder, include, **John Kelley, Art Broecker, Charles Lowe, Hank Meier and Al Porteous**, all members of the A.I.A.

★ ★ ★

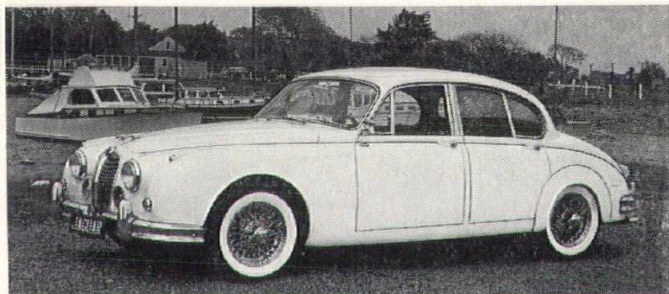
The long-awaited **MANUAL OF LATHING AND PLASTERING** has been released to architects by the National Bureau for Lathing and Plastering. The 384-page book is extensively illustrated with photographs and detail drawings, contains tables on decibel ratings, fire ratings, etc., numerous charts and graphs, and a Glossary of Terms which should prove most useful.

Author of the Manual is **John R. Diehl, AIA**, and it has been published as a joint effort of the Gypsum Association, the Metal Lath Manufacturers Association, the Finishing Lime Association of Ohio, the Perlite Institute and the Vermiculite Institute. Additional information regarding the Manual can be obtained from **Mr. William F. Boyce**, secretary-treasurer of the Lathing & Plastering Bureau of Indianapolis.

★ ★ ★

The Administrative Building Council will join other State agencies in the move to the recently-completed Indiana State Office Building. ABC Director **Bert J. Westover** has announced that the exact date of his office's move has not been definitely established, but the shift should come during late December. Architects having business to transact with the ABC are advised to telephone the office in advance (the new number for all State agencies is MEIrose 3-4000) to determine the office's location on any given day.

(Continued on Page 22)



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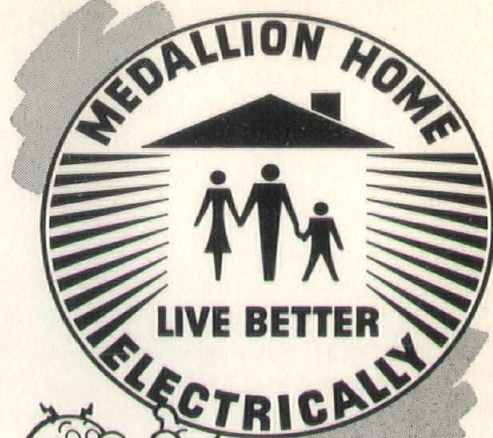
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# The Passing Seen

(Continued from Page 20)

Dedication ceremonies for the new State Office Building (designed by Raymond S. Kastendieck & Associates and Graham, Anderson, Probst & White) are being held December 20th.

★ ★ ★

The Northern Indiana Chapter of The American Institute of Architects, which officially comes into being on January 1 of next year, held their preliminary organizational meeting in Plymouth, Indiana, on December 3rd. Mr. George N. Hall, AIA, of Gary, was elected president of the new Chapter; Mr. William G. Rammel, AIA, of Fort Wayne, was elected vice-president; Mr. Vito A. Girone, AIA, of South Bend, was elected secretary; and Mr. Lloyd W. Mass, AIA, also of South Bend, was elected Treasurer. Directors elected included Mr. Courtney E. Robinson, AIA, of Fort Wayne; Mr. Robert J. Schultz, AIA, of South Bend; and Mr. James McClure Turner, AIA, of Hammond.

★ ★ ★

Early next February the Indianapolis Home Show will open its 1961 doors at the Indiana State Fairgrounds. Plans now well underway call for the biggest and best Home Show yet, and centerpiece home architect Harry Cooler, AIA, reports that plans for the "Show Home" are virtually complete.

Also busily engaged on the plans for the Show are Ray Ogle, AIA, architect for the overall plan of this year's show; Don Clark, AIA, Home Show second vice-president; and

Howard White, AIA, last year's Home Show president and this year's treasurer.

Judges for the Home Show Competition held this month are Wayne Weber, AIA, chairman; Al Porteous, AIA; Raymond S. Thompson, AIA; Dave Augustus; and Robert Dillehay.

★ ★ ★

As the 1961 session of the Indiana General Assembly draws near, activity in the field of legislative endeavor increases rapidly. On November 28th, the Building Congress of Indiana, an amalgamation of some twenty-three Indiana construction industry associates (including the Indiana Society of Architects), entertained the members of both houses of the 1961 Assembly at dinner in the I.S.T.A. Center in downtown Indianapolis.

All but fifteen members of the General Assembly attended, many with their wives. The Building Congress dinner was the first of three such events held during the pre-legislative session of the Assembly. All in all, it seemed to be a highly successful affair, presided over by Building Congress President Charles Nourse and Executive Secretary Marshall Abrams.

Honored guests in attendance included Governor-elect Matthew Welsh, Lieutenant-Governor-elect Richard Ristine, Lieutenant-Governor Crawford Parker, U. S. Senator Homer E. Capehart, and other legislative dignitaries and officials.

In attendance from the Indiana Society were members John Fleck, AIA, head of the ISA Legislative Committee, Ralph O. Yeager, Jr., AIA, ISA delegate to the Building Congress, and ISA Executive Secretary Don Gibson.

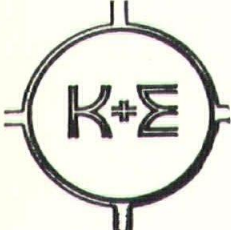


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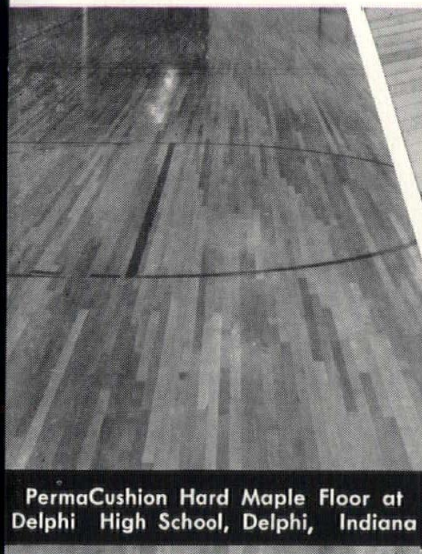
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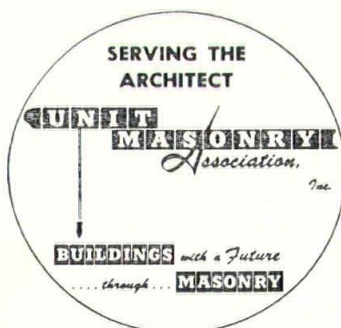
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