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December-January 1971-72

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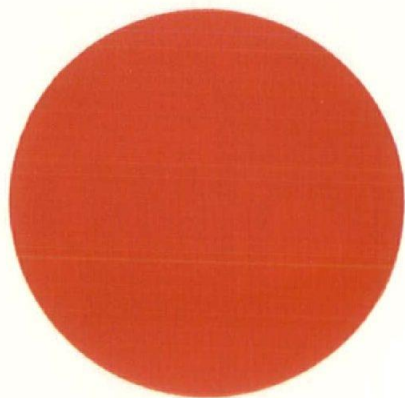


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### CHAPTER ACTIVITIES—AIA NEWS

#### Concerning This Month's Cover:

In recent months, the City of Indianapolis and the Department of Metropolitan Development have displayed a renewed concern and commitment to historic preservation through their efforts to revitalize and beautify the historic Lockerbie Fair area, City Market, Union Station, and the area around Monument Circle.

But the task of historic preservation and utilization is far from being solely a city government responsibility. It requires broad community awareness, participation, and resource commitment, combined with innovation and imagination to make historic preservation a meaningful venture and a matter of civic pride.

(Editor's Note: Pictured on this month's cover is a rendering of historic City Market, built in 1865 and still in use today as a market. Restoration of this landmark is included in the plans now being realized to revitalize the entire area with new office and parking structures and the sports arena.

The rendering is one of a series by Mr. Singh now reproduced in lithograph form.)

#### EDITORIAL STAFF

Interim Editor  
ARTHUR J. MATOTT, AIA

THE INDIANA ARCHITECT is the sole property of the Indiana Society of Architects, a state association of The American Institute of Architects, and is edited and published every other month in Indianapolis, Indiana (editorial-advertising office address 300 East Fall Creek Parkway, N. Drive, Indianapolis, Indiana 46205; phone 925-4484). Current average circulation per issue, 3,200, including all resident registered Indiana architects, school officials, churches and hospitals, libraries, public, public officials, and members of the construction industry. Detailed information available on request.



# break out

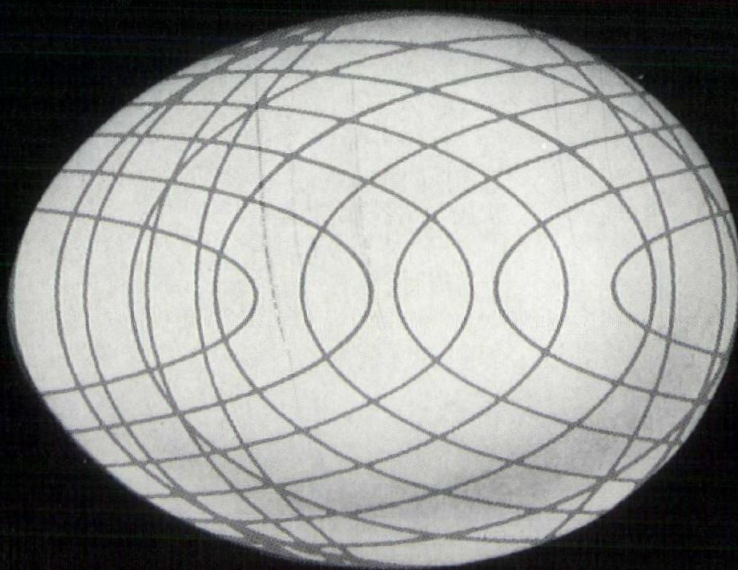
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## AIA OFFICERS AND DIRECTORS 1972

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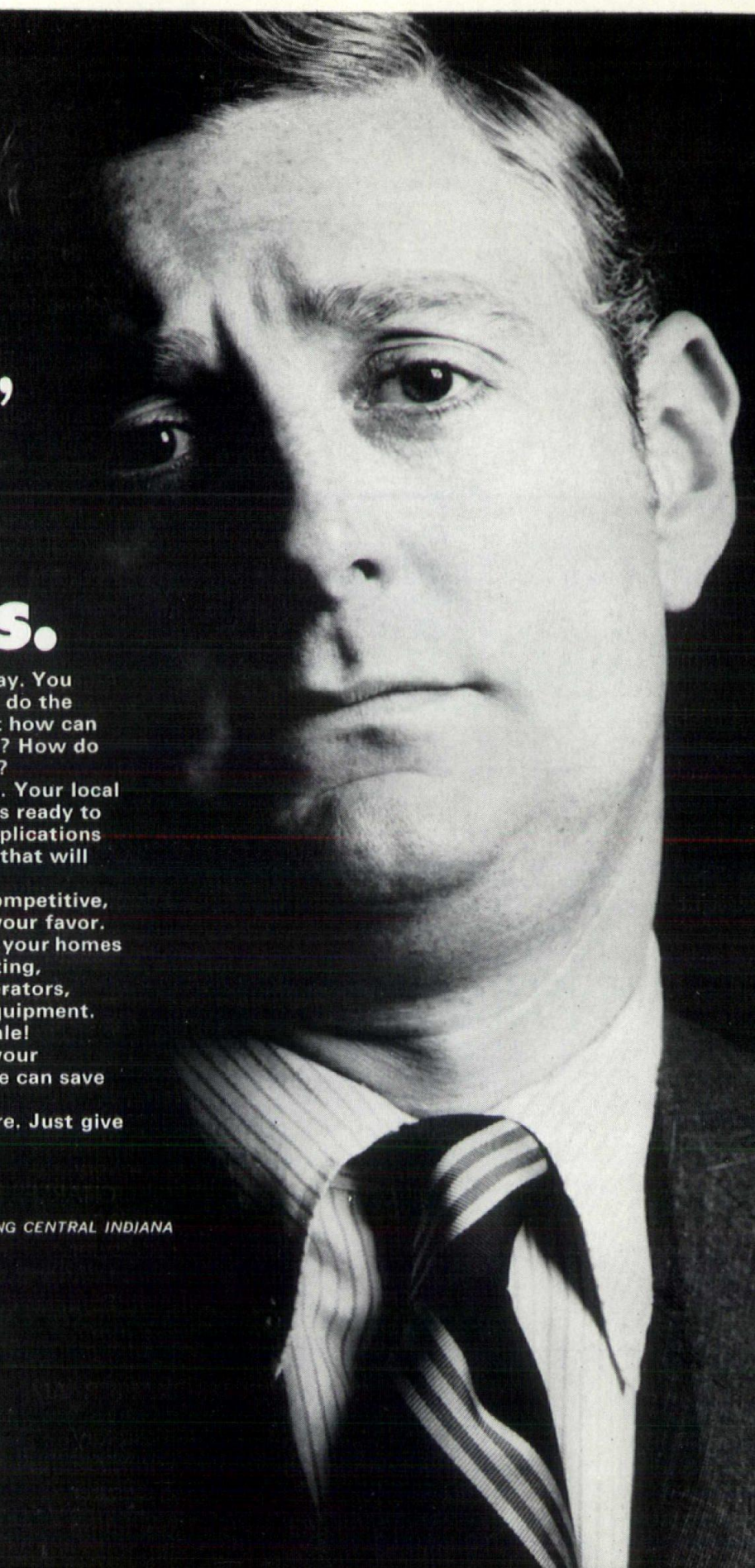
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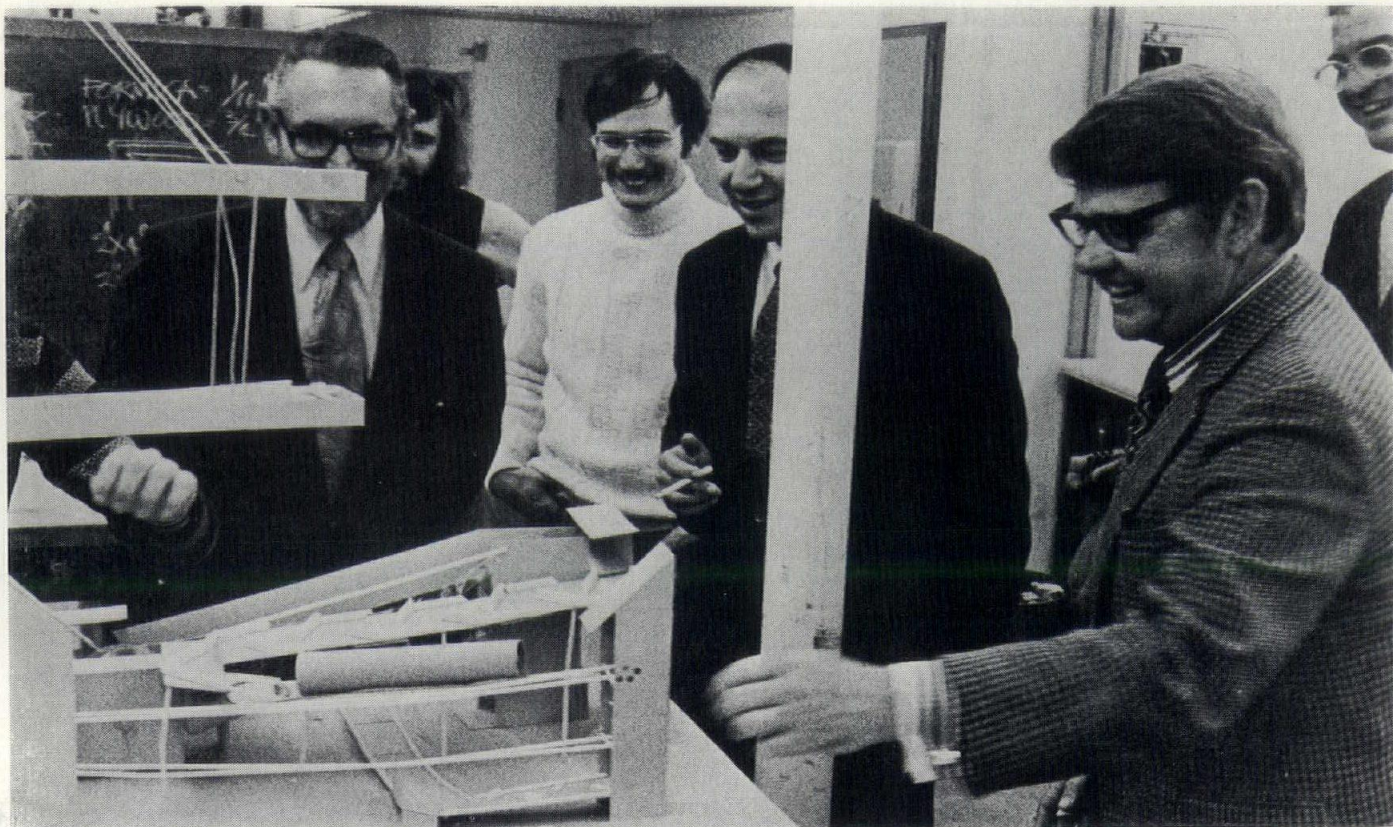
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Architecture student Bill Cotterman, Indianapolis, Indiana demonstrates his solution to first year design problem to l. to r.: John Amundson, AIA, John Uhlir, ASC/AIA Sam Brody, FAIA, Arnold Butts, AIA.

## THE FIRST VISITATION

### A Step Toward Accreditation for the College of Architecture & Planning, Ball State University

An accreditation team from the National Architectural Accrediting Board (NAAB) recently made a first accreditation visit to the College of Architecture and Planning at Ball State University. The team arrived on Sunday, December 5, and departed on Wednesday, December 8, 1971.

The four man team was chaired by John Amundson, AIA, of the Springfield, Oregon firm of Lutes & Amundson. He also represented the National Architectural Accrediting Board (NAAB) and the National Council of Architectural Registration Boards (NCARB). The American Institute of Architects was represented on the team by Mr. Samuel Brody, FAIA, of the firm of Davis, Brody Associates, New York City, architects for the United States Pavilion at the recent Japanese world's fair. Mr. Brody also is a visiting lecturer at Cooper Union Department of Architecture.

The educator member of the team and representing the Association of Collegiate Schools of Architecture was Arnold Butts, AIA, Head of the Department of Architecture at the University of Florida.

A recent addition to membership on accrediting teams is the representation of students chosen from the membership of the Association of Student Chapters of the American Institute of Architects (ASC/AIA). The student representative on the team was John Uhlir, fourth year student in architecture at Ohio State University, winner for two years of Ohio State's faculty scholarship award.

While on campus at Ball State, the team visited with administrators of the University; faculty, staff and students of the College; faculty of the University who teach college students in non-architecture courses; and several architects.

A special series of exhibitions was arranged in the College of Architecture and Planning and in the Ball State University Art Gallery. Presentations of work by all five years in the curriculum, as well as in the program in landscape architecture, were given by both faculty and students.

The final report of the accreditation team and the results will be official after a meeting of the National Architectural Accrediting Board in May or June 1972.





DON E. GIBSON  
Hon. AIA  
1932-1971



Born November 20, 1932 at Anderson, Indiana, Don E. Gibson was educated in Indianapolis and Monticello, Indiana public schools and graduated from Wabash College in 1954. He was Program Editor of TV NEWS and was with CBS-TV in New York City. He served two years with the Army.

In 1957 Don became Assistant Director of The Construction League of Indianapolis and Editor of THE CONSTRUCTION NEWS. In 1959 he became Executive Secretary and in 1966 Executive Director of Indiana Society of Architects and Editor-Publisher of INDIANA ARCHITECT.

Representing ISA in the State Legislature thru many sessions, Don worked tirelessly and with nearly perfect record to promote the interests of Architecture and good government in Indiana. His efforts were directly responsible for the establishment of the College of Architecture & Planning at Ball State University, reorganization of the Administrative Building Council and of the Division of Public Works, revision of the Architectural Registration Act and other important measures.

Serving the National AIA, Don was founder and first Chairman of the Council of Component Executives, Member of the Task Force on State Government and two other National Committees and author of three research papers. For these and other accomplishments, he was elected to honorary membership in The American Institute of Architects, receiving a citation from President Robert F. Hastings FAIA at the Detroit National AIA Convention in June, 1971.



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## Don E. Gibson, Hon. AIA – A Memorial

The Indiana Society of Architects early in 1959, came to the conclusion that for the profession to become a force in the Indiana Construction Industry, it would be necessary to have an Executive Director who would be available at all times. The privilege of being president at that time was mine, and well do I remember the day, early in the year, that Don Gibson came to my office inquiring about the position, action on which would not be taken until the annual meeting. We waited and worked for the time action was to be taken. Favorable action did come and Don became not only our Executive Director but our leader in many undertakings. Notably, of course, was the reorganization of the Administrative Building Council, and the organization of component Executives for the AIA.

Don was always willing to take time to be of service to the profession in many ways. He was creative in his thinking about problems; for example, at the 1971 Legislative Session, he came up with a 1 to 1000 possibility of getting an amendment to the Administrative Building Council Act passed. It worked. It was his suggestion that finally developed into the informal seminar type code hearings to provide for input from the construction industry before the legal hearings.

Don gave very freely of himself, his creative mind, his talent, and his time whenever he could be of help. He was always available when needed. We worked together through many problems in the early days of his work with the Society and the development of the East Central Region of the AIA. His efforts also helped place Indiana Architects on key national committees.

Because of Don, the Architectural profession in the State has grown in stature and importance. No, he wasn't an architect but he dreamed dreams and had visions of the leadership the architects of Indiana could provide in places of importance. Many of these have become reality. The profession owes him a great debt of gratitude for his service to us.

I, for one, dedicate myself to continue to work for the completion of the goals that Don had. We must not let Don down and we must hope that every architect in the State, whether AIA member or not, will likewise pledge himself to do his utmost to attain the goals Don dreamed of and worked for, not only for the profession but for the people of the State of Indiana.

Charles J. Betts, FAIA



# MORE SOUNDS OF FRENCH LICK

Robert F. Hastings FAIA Speaks on Construction Management

Robert F. Hastings FAIA, 1971 President of the American Institute of Architects, and member of the Detroit firm of Smith, Hinchman and Grylls, was the keynote speaker for the 1971 Annual Convention of the Indiana Society of Architects. The convention, held at French Lick, Indiana Sept. 9-11, 1971 followed the theme "How, Not Why" and was dedicated to the exploration of the evolving decision, design and delivery process of building known as Construction Management.

Mr. Hastings addressed the Convention at the opening session, Thursday, September 9th. Following an introduction by 1971 ISA President James J. Schenkel, AIA, Mr. Hastings began:

"I am very glad to have the opportunity to join you in this kind of session. As implied in the introduction, this is a subject very close to by heart, and hopefully I can find the words to make it very useful and meaningful to you. I was warned that you are already disciples, that you believe in Construction Management, so let's not dwell on "Why", but let's get on with the "How".

"Perhaps one of the better ways to get down to specifics is to go thru some examples. This, very naturally, will involve experiences my firm has had in this area. You can draw from these and place yourselves in whatever slot you feel you belong. But first let me get your attention with a few "Why" remarks so that when we get to "How" it seems in proper setting."

"Construction costs are rising about 1% per month—and perhaps the AIA truly is aware of this because one of the most critical things before the AIA and the construction industry is the search for a definition of an evolving process, a change in the process of creating buildings. And I don't mean merely the field work, I mean the whole

process from beginning to end. We are fortunate to live in a time in History when great change is taking place in the process—perhaps the first major change in the last 100 years—and a change, I believe, that is very much for the good."

"But it is going to cast us in different roles, and we are going to be struggling to understand these new roles that we will be fulfilling in the years to come. Because if there is out there someplace a process developing that will enable the client to save as much as 25% in construction costs without any drop in construction quality whatsoever, 25% without any drop in planning, functional and aesthetic quality, to save 50% in project time and realize early—occupancy benefits, and, with all these plusses, still permit the client to control trade-offs that must be made in decision, design and construction processes at the same time pocketing the savings that come from these trade-offs and also permit the client to play a major role in control of final costs, then I believe you and I as design professionals cannot for one moment continue with Business as Usual."

"We cannot continue the old lineal, sequential process of letting the client make his decisions in a vacuum, then hiring an architect to develop a design that meets the needs of these program decisions, and finally taking a set of bids so that he can have a lump-sum price, or a theoretical lump-sum price so that the General Contractor can build the building. And, if you are fortunate, you will have put enough cushion in your estimate so that by the time you get your lump-sum price it won't be too high. If it is, you know the cycle. Back to decisions, through design and try again. Meantime 1% per month is putting you behind another 10 or 15%—you just never seem to catch up."



"Obviously, no major change can be realized where one person or group benefits as much as I have described without that person having to give up something. I'm speaking of the client giving up that grossly misleading comfort of having a high lump-sum price with contingencies built in prior to putting a stake in the ground. The question is "is it worth it" because the price today is greater, in some instances as much as 25-50% greater, for that privilege. If I were the client, for that price, I would welcome the opportunity of being part of the design team where I could save and control trade-offs and costs so I could pocket that 25-50% and use it for so many other needs for my business or profession."

"So I am going to suggest to you a program which in our little shop we call UTAP, "United Team Action Plan." It is very simple. It is a relationship made up of the Owner, the Architect/Engineer acting as Designer, and a Construction Manager. The Construction Manager can be either an AE, someone from the management disciplines, or someone from the general contracting discipline that has decided to give up Las Vegas and become a professional manager of construction."

"I want to make it perfectly clear to you that I am describing a process that is evolving very rapidly and is workable now, and five years from now will be the pattern rather than the exception. I hope and pray that we as professionals are smart enough to sense this and to master the process and make it work as a professional service to clients as contrasted to an entrepreneur arrangement available from non-architectural construction services. Some of my professional brethren, looking at the "strides" of the package builder and the turn-key operator tend to want to give up the tremendous plus they have in order to be like someone else. The minute you try being like somebody else, you have started down the road to failure. Why not be like ourselves and add to the client's profits a professional approach that will carry the process and the product far beyond that of the entrepreneur."

Mr. Hastings then went through example projects. A Detroit hospital would have taken 36 to 38 months for a tightly paced end-to-end process of the normal decision, then, design, then construction and would have cost about 6 million. The hospital client, however, was sold on the UTAP approach in which the AE was Designer on one hand and Construction Manager on the other. The client worked with the AE to make decisions and develop a program, the AE responded with a construction cost, and help in obtaining mortgage money. Decision, Design and Delivery

went ahead simultaneously, and by starting construction while decisions were still being finalized, it was possible to reduce the total span to 19 months. At 1% escalation, savings in time amounted to 25% cost savings. The project was completed for 4½ million at a construction saving of 1½ million. In addition, 19 months of early occupancy meant 4-5 million additional gross income. This client, says Mr. Hastings, has become a wonderful disciple.

Problems of Construction Management Approach were described—approval from the Fire Marshall to start construction without final plans, issuance of a building permit on the strength of a set of schematics, release of Hill-Burton funds on the basis of preliminaries and the Construction Manager's estimate—All these were obtained on condition that drawings be continually resubmitted as they were updated. Mortgage money was obtained on an interim basis after review of schematics, the final amount determined when 80% of contracts were signed.

The client, said Mr. Hastings, must be willing to work with you, must make rapid, scheduled decisions to keep the project rolling, must not be frightened by the lack of lump-sum figures, must be very aware that that the whole secret to the process is time. The hospital project was broken into 25 bids, starting with site clearance, and each bid was made part of a co-ordinated CPM scheme for the whole project. The client knew when he had to come up with decisions in each area, the AE knew when design had to be complete for each phase, the Construction Manager knew when his work had to be completed for each contract.

Trade-offs between estimated and actual costs as bids were received were constant. If an item ran higher than expected, it was balanced by a low item, or a decision by the client to lower quality here in order to gain advantages there. Contingencies of known magnitude allowed for errors, site conditions and client's changes of mind, but the client was a part of it all.

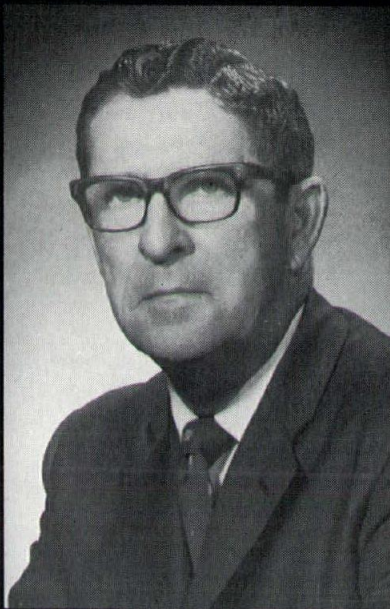
The traditional methods of combatting inflationary costs, cutting area or cutting quality, cannot stand the test of a method which allows still greater savings without a single cut in area or quality and brings the additional benefits of early occupancy. That "time is money" has long been recognized, but our current inflationary economy is demanding that we change to a system which benefits from the application of this principle. If we as architects do not, then someone by another name will.



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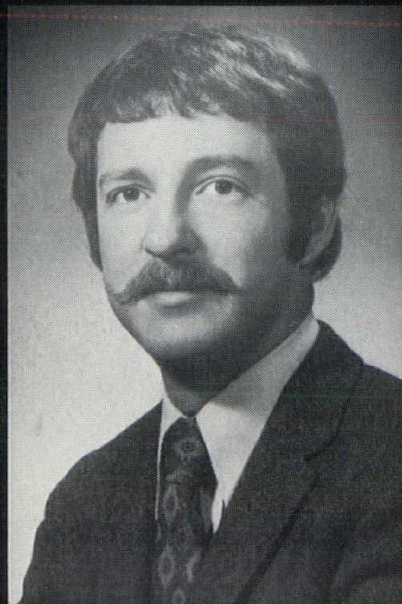


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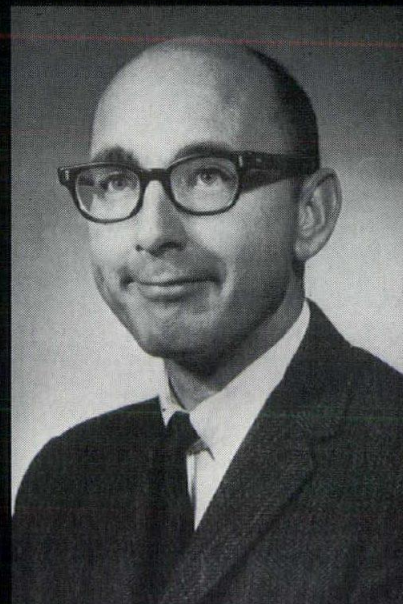
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## CHAPTER ACTIVITIES — AIA NEWS

### NORTHERN INDIANA CHAPTER, AIA

"Dollars and Sense of Preservation" was the keynote for a meeting jointly sponsored by Northern Indiana Chapter, AIA, and St. Joseph Valley Chapter, Indiana Society of Professional Engineers. Held at Notre Dame University and South Bend on December 4, 1971, the Meeting began in the Architecture Building Gallery, Norte Dame Campus, with coffee and viewing of a Bernard Maybeck exhibit. The NIC Executive Board Meeting then convened.

Upon adjournment at Notre Dame, a luncheon was served in the dining room of the historic C. Studebaker Mansion, "Tippecanoe Place", 620 West Washington, South Bend. A Symposium on Preservation followed.

Keynote Speaker Dr. Frank Sprague, University of Chicago, documented the Illinois Historic Buildings Survey and associated problems of preservation in Illinois. Panel Discussions ensued, covering the aspects of Government, Law, Economics, Real Estate, Education and Construction.

### INDIANAPOLIS CHAPTER, AIA

Indianapolis Chapter is cooperating with United Southside Community Organization's Community Design Center in preparation of studies for restoration of Indianapolis's historic Fountain Square. CDC is headed by Don Fisher, AIA, and the Fountain Square team by Wayne Schmidt. Approximately eight professionals are studying traffic patterns, land uses, parking and rehabilitation of the Square's structures.

David O. Meeker, AIA, was recently appointed Second Deputy Mayor by Indianapolis Mayor Richard Lugar. Mr. Meeker previously was Director, Department of Metropolitan Development.

In an annual meeting held at Union Station, Indianapolis Chapter determined areas of concentration for 1972 activities. Some of these are:

Union Station. The Chapter will cooperate fully with forces attempting to rehabilitate this fine old building. The station will be purchased by the City and over 85,000 square feet of space made available. The Chapter will meet in the station and will assist in relocation of shops and offices to the building. Dana Florestano, AIA, is heading this effort both for city and Chapter.

Exhibition Center. The Chapter will set up a traveling exhibit designed to maximize public contact with the role of the profession. The exhibit will start in a prominent downtown location and travel on request.

Education. The Chapter will continue its efforts in career information, annual competition for high school students and continuing education for professionals.

### ABS CONFERENCE—BALL STATE UNIVERSITY

A conference presenting the Indiana-California Academic Building System (ABS) was sponsored by Indiana University and Ball State University and held at BSU on 13 December, 1971. Attending were 185 Engineers, Architects, Students and representatives of four State Universities. Partially funded by Ford Foundation and HEW, ABS attempts to do for science and laboratory buildings what SCSD endeavored to accomplish for classroom structures. ABS is a Systems Approach to design requirements and operational problems of laboratory classrooms. It is the result of intensive research and an expenditure of over \$1 Million. ABS is a workable system with two pilot projects underway; one the Science, Engineering and Technology Building for IU-PU Indianapolis Campus, the other a Medical Science Building for University of California's Davis Campus.

After coffee, the Conference began with a welcome by BSU President, Dr. John J. Pruis. Growth, change and funding problems of academic institutions were then discussed by Donald H. Clark, Assistant Vice President - Business, Indiana University. Existing laboratory facilities, their lack of flexibility and their impact upon the study was explored by R. Clayton Kantz, Director, Building System Projects, UC. Christopher Arnold, VP, Systems Development, Inc., San Francisco, a consultant to ABS and the system developer, discussed "Systems vs Creative Architects" and improvements over current design constraints. ABS vs less expensive methods with cost/performance/benefit studies, was presented by William A. Kinst, Lecturer in Architecture, BSU.

Following Luncheon, The IU-PU Demonstration Project was discussed by a representative of James Associates, Architects and the UC-Davis Project by Richard H. Rohrback, Assistant Director of ABS Projects, UC. Construction Management in California with implications for ABS was colorfully documented by Red Abbot, Associate, John Warneke Associates, San Francisco. Construction Management trends in Indiana were reviewed by Richard De Mars of Geupel DeMars, Inc., Indianapolis.

### LMRPC—ANNUAL REPORT MEETING

Lake Michigan Regional Planning Council met at renowned FLLW Robie House, Chicago, December 18, 1971 for its Annual Report Meeting. Following luncheon, Robie House was toured and its preservation discussed. LMRPC will next meet at Glessner House, Chicago on January 22, 1972. The Program will be Inner City Development. On February 19th, 1972 LMRPC will study City-Suburb, Town-Country, relationships, meeting at several points in Suburban Chicago.



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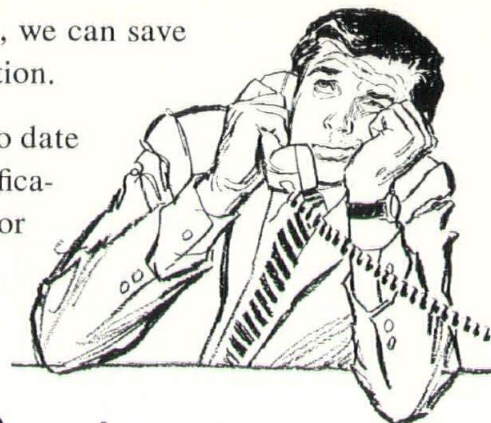
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- 24—WILLIAM CAUDILL, FAIA, Architect, Houston, Texas, ARCHITECTURE BY TEAM
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- 8—R. BUCKMINSTER FULLER, Distinguished University Professor, Southern Illinois University, UNIVERSITY CONVOCATION

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### NECROLOGY

Gilbert T. Richey, AIA

A partner in the Indianapolis firm of McGuire, Shook, Compton & Richey (now The McGuire & Shook Corporation), Mr. Richey was 67 at his death on November 22, 1971. He graduated from University of Michigan in 1926. He was appointed by Governor Brannigan in 1964 to the Advisory Committee of the Administrative Building Council to study code revision. As an architect he had responsibility for many buildings at Butler University, DePauw, Rose-Hulman Institute and Huntington College, as well as many churches in Indianapolis.



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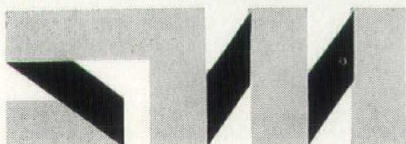


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SGM CORPORATION

### Elberfeld

ELBERFELD CONCRETE BLOCK CO., INC.

### Elkhart

CONE-CRETE PRODUCTS

### Evansville

MILLER BLOCK CO.

### Fort Wayne

MASOLITE CONCRETE PRODUCTS  
V-BLOCK, INC.

### Gary

SEBERGER CONCRETE BLOCK CO., INC.

### Goshen

FIDLER CONCRETE PRODUCTS, INC.

### Greencastle

CASH CONCRETE PRODUCTS, INC.

### Huntingburg

CENTRAL CONCRETE SUPPLY

### Indianapolis

FRANZEN BLOCK & MATERIAL CORP.  
LINABURRY BRICK & BLOCK COMPANY, INC.  
POTTER MATERIAL SERVICE, INC.

SCHUSTER'S BLOCK, INC.

SPICKELMIER INDUSTRIES, INC.

### Jasper

BREIDENBAUGH'S

### Logansport

CARTER'S BLOCK CO.

### Michigan City

LAKE SHORE CEMENT PRODUCTS, INC.

### Mishawaka

CONCRETE PRODUCTS CORPORATION

### Monticello

CARTER'S CONCRETE BLOCK PLANT, INC.

### Mooresville

MOORESVILLE BLOCK MFG. CO.

### Muncie

DURA-CRETE PRODUCTS, INC.

### New Albany

L. THORN COMPANY, INC.

### Richmond

SHUTE CONCRETE PRODUCTS, INC.

### Seymour

KRUWELL CONCRETE BLOCK YARD

### Shelbyville

CONCRETE PRODUCTS COMPANY

### South Bend

HASS CONCRETE PRODUCTS CO.

### Waynetown

TRU-LAY BLOCK COMPANY, INC.

### West Lafayette

MASOLITE CONCRETE PRODUCTS  
V-BLOCK, INC.

AS THE RECOGNIZED LEADERS IN THE INDIANA CONCRETE BLOCK BUSINESS, YOU CAN DEPEND ON ICMA MEMBERS TO MAINTAIN THE HIGHEST STANDARDS OF EXCELLENCE IN MANUFACTURE.



## Indiana Concrete Masonry Association, Inc.

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