



Cover: Administration and visitors center, Botanic Garden of the Chicago Horticultural Society, Glencoe, Illinois. Architect: Edward Larrabee Barnes. Photographer: ©Nick Wheeler

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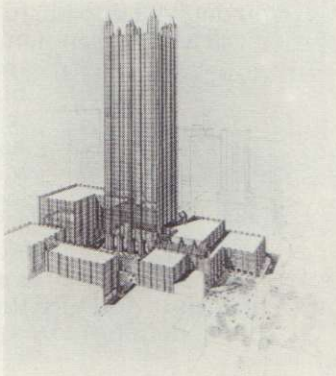
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At the AIA Convention in Kansas City, a thoughtful and thought-provoking array of sessions celebrating design, culminating with a Gold Medal for I.M. Pei.

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Once bright prospects are now gloomy because regulations concerning money market certificates were changed in March.



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### 89 A combined conservatory, administration and visitors center by Edward Larrabee Barnes

The centerpiece of the new Botanic Garden for the Chicago Horticultural Society, the new building is an ordered, almost classical, envelope housing a varied and complex program. This elegant structure, like all of Barnes' work, is rigorous in its understatement and spare in its use of forms and materials.

### 97 Missing Mies

Ludwig Mies van der Rohe will have been gone ten years this August. Some thoughts on the implications.

### 98 New directions and new designs at C. F. Murphy Associates

In the town that Mies built, C. F. Murphy Associates has been a bastion of his beliefs, taking structural morality to its strictest limits. In recent years, however, under the design direction of Helmut Jahn, these limits are being eased out, challenging those who would pull tight the final ring of the Miesian message out of either supplication or, more commonly these days, rejection. Exploring for new limits, amidst the widening conceptual freedom in architecture today, is Jahn's own challenge—as these six projects of exciting new designs illustrate.



### 111 The Yale Library and Lecture Hall by Herbert Newman Associates

One quiet and one radical interior renovation contrast appropriate approaches to the often-vexing problem of "how much is enough?"

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Mass transit has always been an integral part of large cities across the country, but now there is new emphasis to update older facilities and design and construct new ones to meet the strongest challenge for our society in the last decade—the energy shortage.

### 116 An overview of mass transit

Architects have been involved in an incredible variety of ways in many different kinds of projects; here is an overview of what's been happening in mass transit design.

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### 122 Harvard Square Subway Station Cambridge, Massachusetts

Skidmore, Owings & Merrill—Boston office.

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### 128 Woods Motor Coach Center San Francisco, California

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### 130 People movers

Los Angeles: Daniel, Mann, Johnson & Mendenhall; and Jenkins-Fleming, Inc., associated architects. St. Paul: Bather Ringrose Wolsfeld and Associates/Kaiser Engineers, prime architects/engineers.



## ARCHITECTURAL ENGINEERING

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#### new techniques for saving energy

Without a doubt, more new developments have occurred in the field of lighting for saving energy than any other discipline in the building field. New design techniques, new equipment, new lamps, and a greater awareness of how lighting affects human performance and sense of well being all play a part in the new design approaches described in this article.

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## NEXT MONTH IN RECORD

### Building Types Study:

#### Local government administration buildings

As we have progressed from the barebones buildings built for government after World War II, we have seen the development of a distinctive public architecture which embodies economies tempered by an increasing regard for the users' and viewers' sensibilities. Strong sculptural forms now tell us that court houses and city halls—while not the temples of the nineteenth century—are clearly something different from super-markets and gas stations. Accordingly, the August Building Types Study will show buildings that illustrate strong and appropriate characters.