

## FEATURES

### 85 Homage to Catalonia: a contemporary art museum in Barcelona by Sert, Jackson & Associates

Designed to exhibit the work of Joan Miró, donated to the City of Barcelona by the painter himself, the building is a further development of formal ideas that have long preoccupied architect Josep Lluís Sert.

### 93 Yale University Old Campus renovation

Architects Edward L. Barnes and Herbert S. Newman Associates have renovated four late 19th century dormitories in a manner that makes the most of their unique architectural character.

### 101 Impressive new Government Center features grand atrium space

A new public building in downtown Minneapolis has been designed by John Carl Warnecke & Associates, featuring a dramatic atrium 350 feet high with exposed structural diagonal braces.

### 107 Anchors aweigh on Chicago's latest amenity

Stretching three-fifths of a mile out into Lake Michigan, old Navy Pier, as refitted by Chicago's Bureau of Architecture, is underway once again—a relentlessly nautical mix of commercial, cultural, and recreational pursuits.



Hedrich-Blessing

## BUILDING TYPES STUDY 499

### 115 Stores and shops

In the intensely competitive atmosphere of suburban retailing, an arresting facade can bring in the business. This Building Types Study shows two different approaches to the problem of attracting customers. One solution features a sophisticated use of high-style building materials. The other approach is radical—designed by architect-sculptors to shock.

### 118 Burdines Department Store Tampa, Florida

Reynolds, Smith and Hills, architects

### 124 Best Products Company Houston, Texas

SITE, Inc., architects

### 126 Best Products Company Sacramento, California

SITE, Inc., architects

### 128 Best Products Company Two proposals for Southern California

SITE, Inc., architects



## ARCHITECTURAL ENGINEERING

### 131 How much solar heating is economical for a house?

The extent depends upon a number of factors: the weather, the availability of sunlight, added initial system costs, and fuel cost escalation. Architect Don Watson and engineer Fred Broberg show that where not much sun is available, perhaps only a domestic hot water solar system will save money. Where there is lots of sun, more money is saved with 70 per cent or more solar heating. But in all cases a major influence in potential savings is how much the cost of conventional fuels is likely to escalate.

### 139 Product reports

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## NEXT MONTH IN RECORD

### Building Types Study 500: Looking back over forty years of building types

In honor of its 500th Building Types Study, RECORD has invited two brilliant "historicizing architects," Charles Moore and Richard Oliver, to assess the studies from 1937 to the present. Their analysis will focus upon the evolution of the form of the traditional building type as found in schools; on new building types such as the drive-in and the recycled building; the evolution of new patterns of living as expressed in the everyday house and the vacation house; and the question of style as best shown in churches, stores, restaurants and bars.





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In spite of the controversy, A201 basically reaffirms traditional practices

Attorney and architect Arthur T. Kornblut begins a two-part discussion of the major revisions in the AIA General Conditions of the Contract for Construction.

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**59 Planning your personal financial strategy**

Amassing the investment capital required to produce some measure of financial independence is a problem for many younger architects. Mark Pollard—senior account executive with Merrill Lynch, Pierce, Fenner & Smith, Inc.—prescribes a combination of conservative investments for capital growth.

**61 An automated project control system aims for improved profitability**

G. Neil Harper, financial management consultant and engineer, describes the recent integration of AIA cost-based compensation guides into an automated basic accounting system for design firms.

**63 Building activity**  
Dodge/Sweet's construction outlook, 1977: first update. It's looking bigger by the minute

George A. Christie, vice president and chief economist for McGraw-Hill Information Systems Company, forecasts a record \$123 billion in total construction contract value this year.