

# STRUCTURE A S D E S I G N

ROCKPORT

23 Projects that Wed Structure and Interior Design Isabel Allen

## Introduction 8

## New Construction 10

PAULK RESIDENCE, Jim Cutler 12

THE FELIX NUSSBAUM MUSEUM, Daniel Libeskind 18

TURTLE CREEK HOUSE, Antoine Predock 24

MIYAKE DESIGN STUDIO GALLERY, Shigeru Ban 30

CENTRO BIT, Alberto Campo Baeza 36

OYSTER HOUSE, Branson Coates 42

PHOTONICS CENTRE, Sauerbruch Hutton 48

MIYASAKA RESIDENCE, Robert Harvey Oshatz 54

120BLO BUILDING, Randy Brown 60

PLATT RESIDENCE, William Bruder 68

HOUSE, Future Systems 74

LAVATORIES AND PARK-KEEPERS APARTMENT, Shuhei Endo 80

LAKESIDE STUDIO, Mark Dziewulski 86

## Renovation 96

MONOCOQUE, SCHRETTER APARTMENT, Eichinger oder Knechtl 98

THE HOLLEY LOFT, Hanrahan + Meyers 104

PRIVATE RESIDENCE, Tanner Leddy Maytum Stacy 110

GALLERY AND PRIVATE RESIDENCE, Meadowcroft Dernie 116

COURTYARD HOUSE, Seth Stein 122

HOTEL CONVERSION FROM THE MONASTERY OF SANTA MARIA DO BOURO, Eduardo Souto de Moura with Humberto Vieira 128

HOUSE CONVERSION, Chance de Silva 134

BIG IDEA MULTI-MEDIA DESIGN CONSULTANCY, Allen-Gale Architects 140

SAPORE RESTAURANT, Tom Kovac 146

BATTERY PARK CITY PARKS CORPORATION FACILITY, Deborah Berke 150

DIRECTORY, 156

PHOTO CREDITS, 158

INDEX OF ARCHITECTS AND DESIGNERS, 159

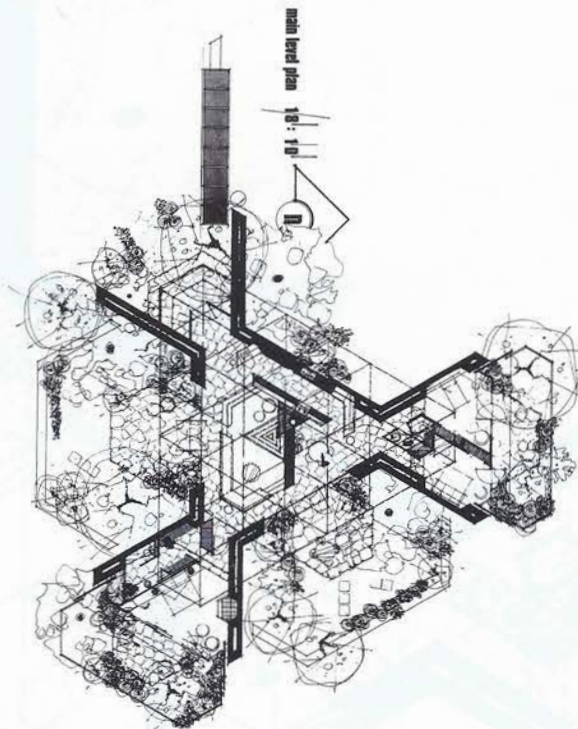
ABOUT THE AUTHOR, 160



William Bruder  
**PLATT RESIDENCE**  
 Phoenix, Arizona

In designing this house for a metalworker, architect William Bruder played on the tension between the 3-inch (7.6 cm) -thick masses of desert stone and the full-span, spider-frame roof structure, which appears to be in a state of flight. The masonry walls are filled with cardboard lettuce-shipping containers, which are, in turn, filled with shredded computer printouts, achieving a mass similar to adobe. A ring of glass separates the walls from the spider-frame of the roof, which is made from oil-field drilling pipe weathered to an evenly rusted patina.

The building is based on a 30- to 60-degree grid that creates a series of triangular spaces, the largest of which is a living/eating area at the center of the house. At each of its three corners, there are smaller triangular spaces, two of which are sleeping areas and one the main entry. While the rusty-pipe roof structure follows this triangular grid, other materials are used in a way that counteracts it. The light ponderosa pine roof deck has a one-directional pattern, which is mirrored in the pattern of the  $\frac{1}{8}$  inch brass joints in the polished concrete floors.



Glass screens by the entrance door contrast with rough-hewn lumps of stone.







Custom-made cabinetwork is of white oak, with drawer fronts of stainless steel.





Stone walls extend beyond the boundaries of the house, giving each sleeping area its own private courtyard.



Stainless steel space-conditioning duct pylons are expressed as sculptural volumes within the interior.



## Index of Architects and Designers

<b>A</b>		
Allen-Gale Architects		140-145
<b>B</b>		
Shigeru Ban		30-35
Alberto Campo Baeza		36-41
Deborah Berke		150-155
Randy Brown		60-67
William Bruder		68-73
<b>C</b>		
Branson Coates		42-47
Jim Cutler		12-17
<b>D</b>		
Chance de Silva		134-139
Mark Dziewulski		86-95
<b>E</b>		
Eichinger oder Knechtl		98-103
Shuhei Endo		80-85
<b>F</b>		
Future Systems		74-79
<b>H</b>		
Hanrahan + Meyers		104-109
<b>K</b>		
Tom Kovac		146-149
<b>L</b>		
Daniel Libeskind		18-23
<b>M</b>		
Meadowcroft Dernie		116-121
<b>O</b>		
Robert Harvey Oshatz		54-59
<b>P</b>		
Antoine Predock		24-29
<b>S</b>		
Sauerbruch Hutton		48-53
Eduardo Souto de Moura		128-133
Seth Stein		122-127
<b>T</b>		
Tanner Leddy Maytum Stacy		110-115
<b>V</b>		
Humberto Vieira		128-133

NEW CONSTRUCTION

159

STRUCTURE AS DESIGN

ROCKPORT

*Structure as Design* is a unique exploration into the way architects and designers use the necessary structural elements of a building as a part of its interior design. With steel, glass, concrete, and wood, the design work featured in these pages goes deeper than a coat of paint. Edgy, intriguing, and modern, each of these buildings adopts structural elements—support beams, heating and ventilation systems, partitions, fenestration—as interior design elements.

## STRUCTURE AS DESIGN

**Includes** more than 100 full-color photographs as well as plans and detailed drawings.

**Features** sections on renovation and new construction, covering a wide variety of building types—houses, restaurants, art galleries, offices, and hotels.

**Examples** include Shigeru Ban's Tokyo Art Gallery, which uses paper as a structural element, Future Systems' transformation of a London townhouse with glass, William Bruder's stone house in the Arizona desert, and Eduardo Souto de Moura's aluminium, stone, and rusted steel Portuguese monastery turned modern hotel.

Architects  
Bruder

ISBN 1-56496-604-6 \$40.00



54000