



BUILDING TYPES STUDY:

**RECORD HOUSES OF 1972**  
**PLUS APARTMENTS OF THE YEAR**

TWENTY EXCEPTIONAL HOUSES AND EIGHT MULTI-FAMILY PROJECTS  
SELECTED FOR THE 1972 AWARDS OF EXCELLENCE FOR DESIGN

# ARCHITECTURAL RECORD

MID-MAY 1972



A MCGRAW-HILL PUBLICATION



The reason, in a word, is women.

Just like a dishwasher or a self-cleaning oven, gleaming Solarian no-wax floors promise housewives more free time and easier housework. So it's a powerful added incentive to buy.

Solarian is a major breakthrough in easy-care flooring. Spills, dirt . . . even black heel marks . . . come up with only damp-mopping. We've tested Solarian for two years in busy kitchens of actual homes, and these floors are still bright and shining, even though they've *never been waxed*.

Beautiful Solarian floors will also make

your homes look more inviting—an important extra to help set your homes apart from all the rest.

We've been telling the Solarian story in national advertising. And women have responded by making it the most successful new Armstrong product in years.

It goes to show that when a woman likes

**Armstrong**

CREATORS OF  THE INDOOR WORLD™

something, there's a good chance a man will buy it. That's why Solarian should be part of your plans.

**BUILDER MERCHANDISING PROGRAM**

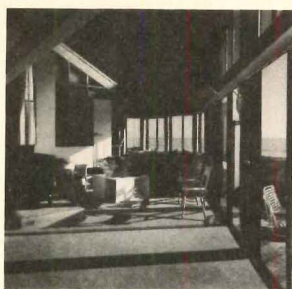
If you use our floors or other Armstrong interior products, you may qualify for an Armstrong merchandising program designed to assist all builders. This program embraces various sales aids and special services.

For detailed information, write Gordon T. Levering, Residential Builder Sales, Armstrong, Lancaster, Pa. 17604.

For more data, circle 1 on inquiry card

You  
put in an  
Armstrong  
Solarian™  
no-wax floor  
for the  
same reason  
you put in  
a dishwasher.





Cover: Private residence, Aptos, California  
Architects: MLTW/Turnbull Associates  
Photographer: Morley Baer

**THE RECORD REPORTS**

19 **Preface**  
by James D. Morgan

79 **Cartoon**  
by Alan Dunn

**ARCHITECTURAL BUSINESS**

2 **Photographers of Record Houses**

2 **Entry procedure for Record Houses 1973**

78 **Architects of Record Houses**

**ARCHITECTURAL ENGINEERING**

100 **New products for the house**

113 **Record Houses Reader Service Inquiry Card**

116 **New literature for house planning**

120 **Index to advertising**

**BUILDING TYPES STUDY 435  
RECORD HOUSES OF 1972**

20 **Mandel house**, Huntington Bay, New York  
Architect: Richard Henderson

24 **Waldman house**, San Francisco, California  
Architects: Bull Field Volkmann Stockwell

26 **Kaplan house**, East Hampton, New York  
Architects: Barbara and Julian Neski

30 **Tollefson house**, Wausa, Nebraska  
Architects: Neil Astle and Associates

32 **Private residence**, Barrington, Rhode Island  
Architects: Huygens and Tappé

36 **Holmes house**, Tampa, Florida  
Architect: D. E. Holmes

38 **Friedman house**, Belvedere, California  
Architects: Fisher-Friedman Associates

40 **Anderson house**, Rye, New York  
Architects: Barbara and Allan Anderson

44 **Gueron house**, East Hampton, New York  
Architect: Henri Charles Gueron

46 **Provost's house**, Merrill College, Santa Cruz, California  
Architects: Wong, Brocchini and Associates

50 **Moore house**, Georgetown, Washington, D.C.  
Architect: Arthur Cotton Moore

52 **Boyer house**, Lincoln, Massachusetts  
Architects: Architectural Resources Cambridge, Inc.

54 **Studebaker house**, Mercer Island, Washington  
Architect: Wendell H. Lovett

58 **Private residence**, Fire Island Pines, New York  
Architect: James McLeod

60 **Private residence**, Aptos, California  
Architects: MLTW/Turnbull Associates

62 **Private residence**, Northern Minnesota  
Architects: Booth and Nagle

66 **Wirth house**, Westchester County, New York  
Architect: Alfred DeVido

70 **Weld house**, near Sarasota, Florida  
Architect: Carl Abbott

72 **Wiener house**, Westport, Connecticut  
Associated architects: Davis, Brody and Associates and Weiner Gran Associates

74 **Blum house**, Franklin, Michigan  
Architects: Blum, Vaporciyan and Mitch, Inc.

**FEATURES:**

**APARTMENTS OF THE YEAR**

80 **Crescent Village**, Suisun City, California  
Architects: Burger and Coplans, Inc.



Joshua Freiwald photo

82 **Lines Apartments**, Mill Valley, California  
Architects: O'Brien and Armstrong

84 **Martin Luther King, Jr. Community**, Hartford, Connecticut  
Architects: Hartford Design Group

86 **Ocean house**, Monterey, California  
Architects: Sandy and Babcock

90 **Sheffield Manor**, New Haven, Connecticut  
Architect: Alden R. Berman

92 **Townhouses**, Cochiti, New Mexico  
Architect: Antoine Predock

94 **Meadgate Condominiums**, Greenwich, Connecticut  
Architects: Rogers • Moore and Associates



Carol Rankin photo

96 **Friendship Village**, San Francisco, California  
Architects: Bulkley and Szevich

OF PARTICULAR ASSISTANCE TO THE EDITOR in preparation of this issue were:  
James D. Morgan, editor-in-charge  
Herbert L. Smith, Jr., managing editor  
Annette Netburn, assistant editor  
Danise Picone, editorial assistant  
Patricia Hartigan, assistant to James D. Morgan  
Jan White, art direction  
Sigman-Ward, illustration  
Anna-Maria Egger, art production



---

## ARCHITECTURAL RECORD STAFF

### EDITOR

WALTER F. WAGNER, JR., AIA

### MANAGING EDITOR

HERBERT L. SMITH, JR., AIA

### SENIOR EDITORS

ROBERT E. FISCHER  
WILLIAM B. FOXHALL  
MILDRED F. SCHMERTZ, AIA  
ELISABETH KENDALL THOMPSON, FAIA

### WASHINGTON EDITOR

ERNEST MICKEL, Hon. AIA

### ASSOCIATE EDITORS

BARCLAY F. GORDON  
ROBERT JENSEN, AIA  
JAMES D. MORGAN, AIA

### ASSISTANT EDITOR

ANNETTE K. NETBURN

### EDITORIAL ASSISTANTS

JANET BLOOM  
DANISE PICONE

### DESIGN

ALEX H. STILLANO, Director  
ALBERTO BUCCHIANERI, Associate  
ANNA-MARIA EGGER, Assistant  
SIGMAN-WARD, Illustration  
JAN WHITE, Consultant

### EDITORIAL CONSULTANTS

EDWARD LARRABEE BARNES, FAIA  
ROBERT F. HASTINGS, FAIA  
PAUL RUDOLPH, FAIA

### INDUSTRY CONSULTANTS

GEORGE A. CHRISTIE, JR., Economics  
PERCIVAL PEREIRA, Building Costs

### McGRAW-HILL WORLD NEWS

WALTER A. STANBURY, Director  
20 domestic and  
international news bureaus

### PUBLISHER

BLAKE HUGHES

### SALES MANAGER

LOUIS F. KUTSCHER

### CIRCULATION MANAGER

HUGH S. DONLAN

## PHOTOGRAPHERS OF RECORD HOUSES OF 1972

Photographs of the houses by the following photographers appear in articles beginning on pages noted:

Tom Abels, 1827 Union Street, San Francisco, California (86)  
Morley Baer, 7 Greenwood Common, Berkeley, California (60)  
Otto Baitz, Parkview at Madison, Laurence Harbor, New Jersey (58)  
Jeremiah Bragstad, 1620 Montgomery Street, San Francisco, California (24)  
Joshua Freiwald, 3627-21st Street, San Francisco, California (46, 80, 96)  
Jerry Goffe, 2913 Pennsylvania NE, Albuquerque, New Mexico (92)  
Hedrich-Blessing, 450 East Ohio Street, Chicago, Illinois (51)  
Baltazar Korab, 1755 Livernois, Troy, Michigan (74)  
William Maris, 80 West 40th Street, New York, New York (20, 26, 66)  
Norman McGrath, 164 West 79th Street, New York, New York (50)  
Phil Molten, 1865 Mar West, Tiburon, California (82)  
Robert Perron, 104 East 40th Street, New York, New York (84)  
Carol Rankin, 69 Harvey Street, Cambridge, Massachusetts (94)  
Ben Schnall, 1370 West Boxwood Drive, Hewlett Harbor, New York (44)  
Julius Shulman, P.O. Box 46206, Los Angeles, California (32)  
Christian Staub, 5026-21st Avenue, NE, Seattle, Washington (54)  
Jack Stock Studios, Derby, Connecticut (90)  
Ezra Stoller (ESTO), 222 Valley Place, Mamaroneck, New York (40, 72)  
G. Wade Swicord, P.O. Box 138, Micanopy, Florida (36, 70)  
Philip A. Turner, 1765 East 55 Street, Chicago, Illinois (62)  
Nick Wheeler, 407 Great Road #8, Acton, Massachusetts (52)

---

**ENTRY PROCEDURE:** Any architect registered in the United States is invited to submit material for consideration in RECORD HOUSES® and Apartments of 1973. Include the following items: 6 to 10 clear informal photographs, black-and-white preferred, fully describing the architectural intent, both on the exterior and the interior (35 mm. slides must be in 8½ x 11 in. clear envelopes); relevant plans and sections (not working drawings); and a descriptive sheet including the architect's name and location of building. Do not send originals or other material which must be returned before the issue appears. The deadline is October 15, 1972.

---

ARCHITECTURAL RECORD (combined with AMERICAN ARCHITECT, ARCHITECTURE and WESTERN ARCHITECT AND ENGINEER), Mid-May 1972, Vol. 151, No. 6. Title reg. in U.S. Patent Office. Copyright 1972 by McGraw-Hill, Inc. All rights reserved. Copyright not claimed on four-color illustrations on front cover and on pages 20, 21, 28, 40, 41, 44, 53, 57, 58, 61, 70, 73, 75, 80, 81, 86, 87, 94, 95, 96. Indexed in Reader's Guide to Periodical Literature, Art Index, Applied Science & Technology Index, Engineering Index and The Architectural Index. Published monthly, except May when semi-monthly, by McGraw-Hill, Inc.

Quotations on reprints of articles available. Every effort will be made to return material submitted for possible publication, but editors and corporation will not be responsible for loss or damage.

EXECUTIVE, EDITORIAL, CIRCULATION AND ADVERTISING OFFICES: 330 West 42nd Street, New York, N.Y. 10036. Other Editorial Offices: 425 Battery Street, San Francisco, Cal. 94111; 1249 National Press Building, Washington, D.C. 20002.

OFFICERS OF McGRAW-HILL PUBLICATIONS COMPANY: John R. Emery, president; J. Elton Tuohig, senior vice-president—services; David J. McGrath, group vice president; vice presidents: Ralph Blackburn, circulation; John R. Callahan, editorial; John B. Hognlund, controller; David G. Jensen, Manufacturing; Jerome D. Luntz, planning & development; Joseph C. Page, marketing; Robert M. Wilhelmy, finance.

CORPORATION OFFICERS: Shelton Fisher, president;

Joseph H. Allen, president—publications and business services group; John J. Cooke, senior vice president and secretary; Ralph S. Webb, treasurer.

SUBSCRIPTIONS: Subscriptions solicited only from architects and engineers. Position, firm connection, and type of firm must be indicated on subscription orders; CHANGE OF ADDRESS or subscription service letters should be forwarded to Fulfillment Manager, ARCHITECTURAL RECORD, P.O. Box 430, Hightstown, N.J. 08520. Provide old and new addresses, zip code or postal zone number. If possible, attach issue address label. Annual subscription prices: U.S., U.S. possessions and Canada: \$7.50 for architects, engineers and other individuals in the fields served, all others \$20.00. Other countries \$22.00 to architects, engineers; others \$30.00. Single copies \$3.00.

UNCONDITIONAL GUARANTEE: Publisher agrees to refund that part of subscription price applying to unfilled part of subscription if service is unsatisfactory.

ASSOCIATED SERVICES/McGraw-Hill Information Systems Co.: Sweet's Catalog Files (Architectural, Light Construction, Interior Design, Industrial Construction, Plant Engineering, Canadian Construction), Dodge Building Cost Services, Dodge Reports and Bulletins, Dodge/SCAN Microfilm Systems, Dodge Management Control Service, Dodge Construction Statistics, Dodge regional newspapers (Chicago, Denver, Los Angeles, San Francisco).

POSTMASTER: Please send form 3579 to Fulfillment Manager, ARCHITECTURAL RECORD, P.O. Box 430, Hightstown, N.J. 08520.



# Redwood.

Here today, here tomorrow.

Newport News, Va. residence. Carlton Sturges Abbott, AIA, Architect.

This home is in the Tidewater country of Virginia.

A place where a man can stretch his legs. Where a man can sit under a tree and look out at the land and think, disturbed only by the occasional call of a mocking bird. It's a place where redwood goes well.

Redwood interiors bring the quiet and beauty of outdoors inside.

And redwood interiors provide a handsome setting that complements any furnishings.

Redwood. The beautiful wood.

It will last for many, many tomorrows.



CALIFORNIA  
REDWOOD  
ASSOCIATION

Concerned companies working through modern forestry today to ensure an ample supply of redwood for tomorrow.

617 Montgomery Street, San Francisco, California 94111. Write Dept. CA for free booklet, "Redwood Homes." Member Mills: Miller Redwood Company Pacific Lumber Company • Simpson Timber Company • Willits Redwood Products Company • Arcata Redwood Company • Boise Cascade Corporation • Georgia-Pacific Corporation

For more data, circle 2 on inquiry card





## **Marble/China makes her bath a showplace**

She responds to beauty . . . wants the unusual. It's there with the rich elegance of Marble/China.

Genuine vitreous china with the beauty and warmth of marble. Makes any bath outstanding. Different. Luxurious. Cleans and wears like the fine china it is—and like Michelangelo's marble, the veining goes all the way through.

With Marble/China, her bath becomes a showplace. She'll love it.



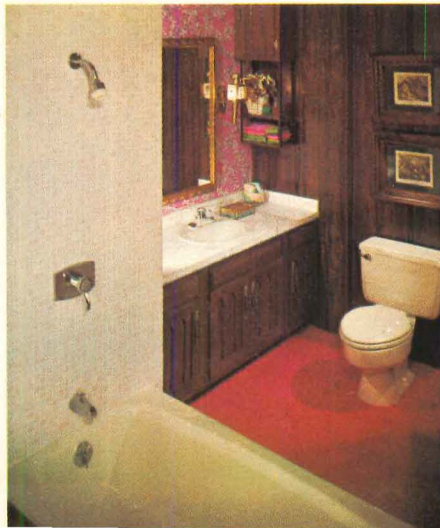


Vase is the Imperial Mei P'ing of the Emperor Yung Cheng 1722-1735

American-Standard Marble/China. The best keeps getting better.

**AMERICAN STANDARD**  
PLUMBING / HEATING

*For more data, circle 3 on inquiry card*



**Available in Ultra lavatory, Aqualyn lavatory, elongated Cadet toilet with Church marble-pattern seat.**

All product names are trademarks of American-Standard



# Here are 11 free ideas on high density from PPG.



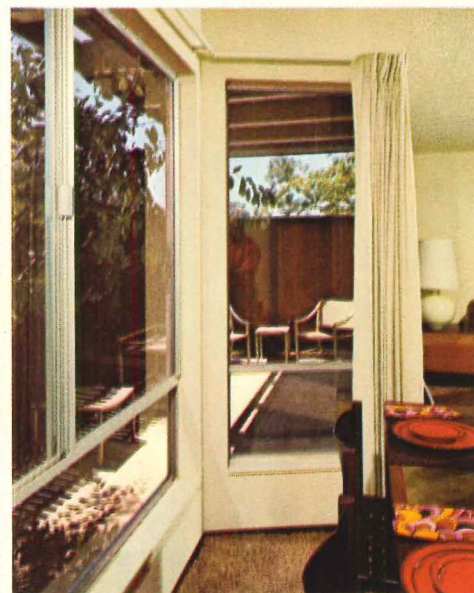
**1** The patio kitchen. Kitchens can be given a new dimension with a layout like this to permit serving to the outdoors.



**4** The light "stealer." Clerestory glass (upper right) borrows light from this cheerful living room for an adjacent bedroom.



**5** The bright bath. Good overhead lighting and canted wall mirrors brighten this bath and give it an illusion of more space.



**6** The cheerful dinette. A fixed window and a glass return wall offer bright but intimate views of a private court.

## You can get hundreds more for just 8¢.

If you'd like more ideas for your high-density plan, send the coupon for PPG's new 48-page, full-color brochure—"PPG Lifestyle/70s." See how PPG *Twindow*® insulating glass, *High-Fidelity*® mirrors, *Herculite*® K tempered safety glass and PPG tinted glass can open up your plans—open up the potential for sales, rental and profits.

PPG Lifestyle/70s

PPG Industries, "PPG Lifestyle/70s"  
Department RH-152  
One Gateway Center  
Pittsburgh, Pa. 15222

Gentlemen: Please send me a free copy of "PPG Lifestyle/70s" at the following address:

Name \_\_\_\_\_

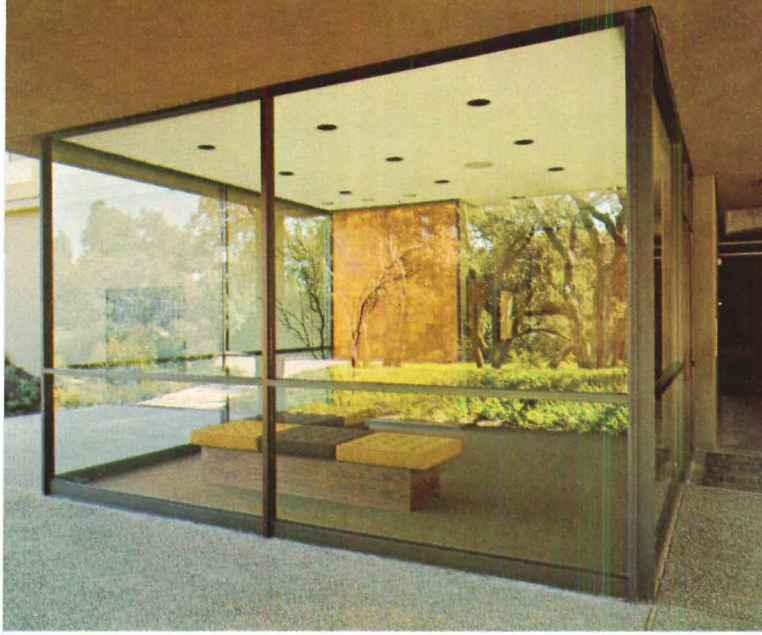
Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_



**9** The glass A-frame. Glass walls of an A-frame fourplex unit wrap around an enclosed courtyard to provide indoor-outdoor living with complete privacy.





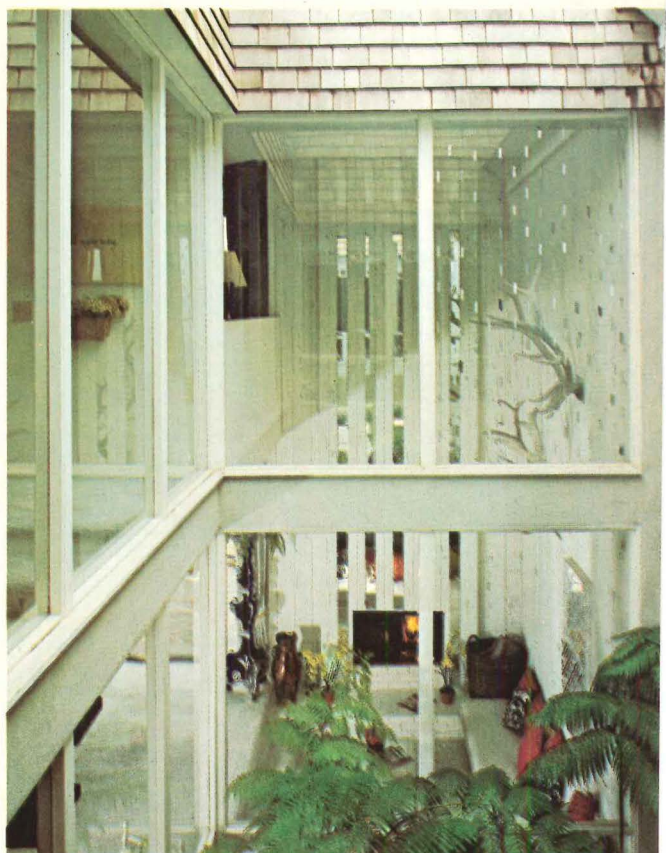
**2** The front-door merchandiser. A totally glass enclosed vestibule and waiting room in an apartment building are unique design details that can be a successful front-door merchandiser.



**3** The year-round pool. A retractable glass wall creates an indoor-outdoor pool; makes year-round bathing possible.



**7** The spacious owner's suite. A full structural mirror wall in this townhouse bedroom doubles the spaciousness.



**8** The sunlit townhouse. This entire two-story townhouse plan is designed around a glass-enclosed atrium-type courtyard. ▶



**10** The dramatic stairwell. A private court turns inward to brighten this entry and stairwell, as well as inside rooms.



**11** The effective environment. Glass walls overlook a private patio and pool. An effective technique for merchandising the environment.

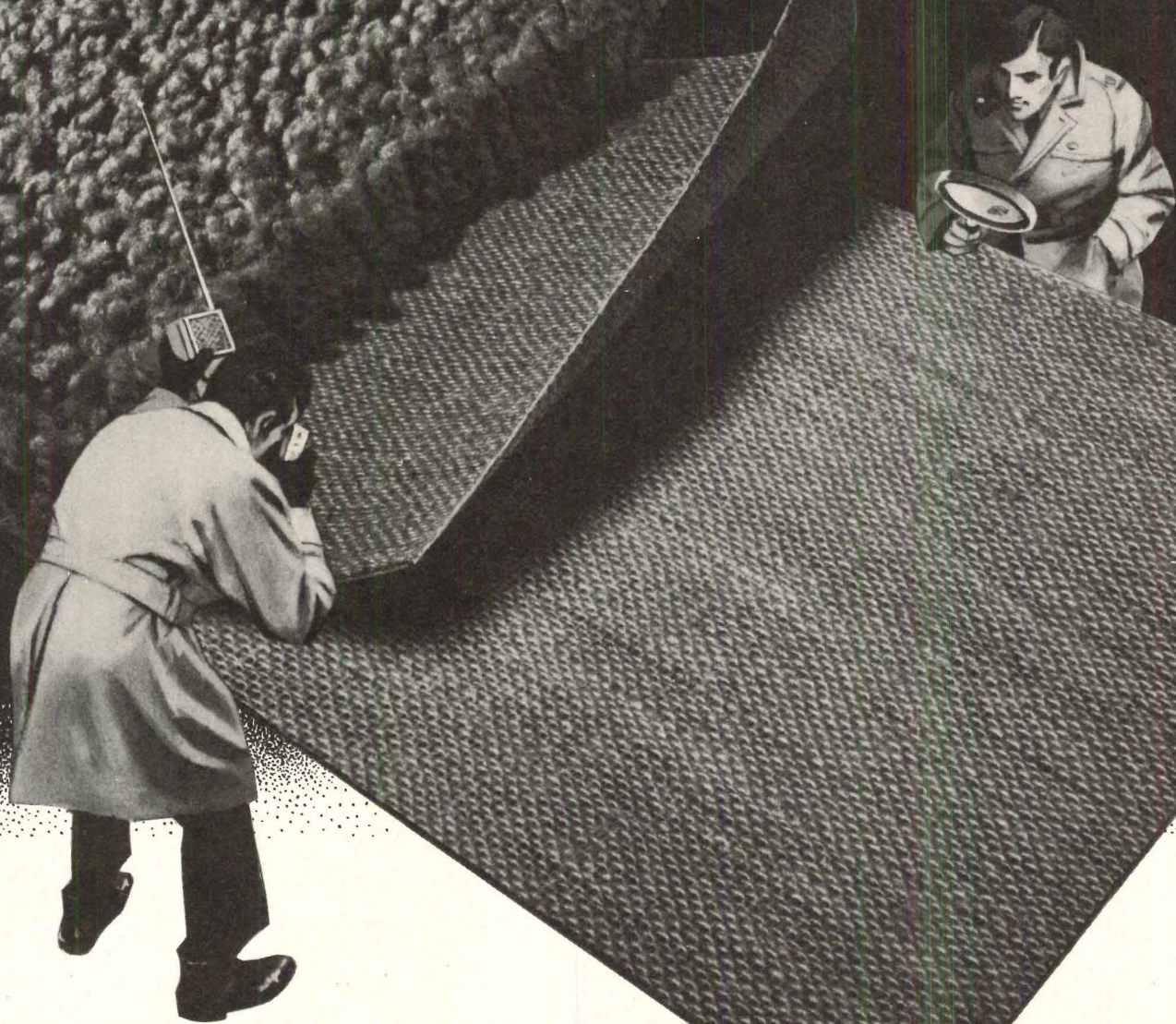
KEY TO PHOTOS: 1, 8: Coronado Cays, San Diego, Calif. Developers: Cedric Sanders Corp. and Signal Properties, Inc. 2, 6, 11: Oak Creek, San Francisco, Calif. Developer: Gerson Bakar & Assoc. 3: Sixty-01, Seattle, Wash. Developer: W-O Associates. 4, 5: The Meadows, Los Angeles, Calif. Developer: Ring Brothers Corp. (a subsidiary of Monogram Industries, Inc.) 7: The Bluffs, Newport Beach, Calif. Developer: George M. Holstein & Sons. 9: L'Atriums, Dallas, Texas. Developer: Devane Clarke & Assoc. 10: University Park/Village Three, Los Angeles, Calif. Developer: Stanley C. Swartz Co.

**PPG: a Concern for the Future**





# Carpetdom's most effective undercover agents... **JUTE-ON-JUTE** carpet backings



They operate in the dark. As the primary and secondary backings of tufted carpets. But they strongly influence the final carpet result. Permit tighter stretching during installation, to hug floors permanently smooth without loosening up later. Take tiny seams close to edges, making seams hard to find. Bond securely to hot-melt tapes, preventing seams from separating. Provide cushioning that increases pile luxury, with over double the bulk of other no-pad backings. Add suppleness, for flawless tailoring to any contour. Jute-on-Jute . . . the "invisibles" you can see and feel. Don't settle for less when you buy or specify carpets.

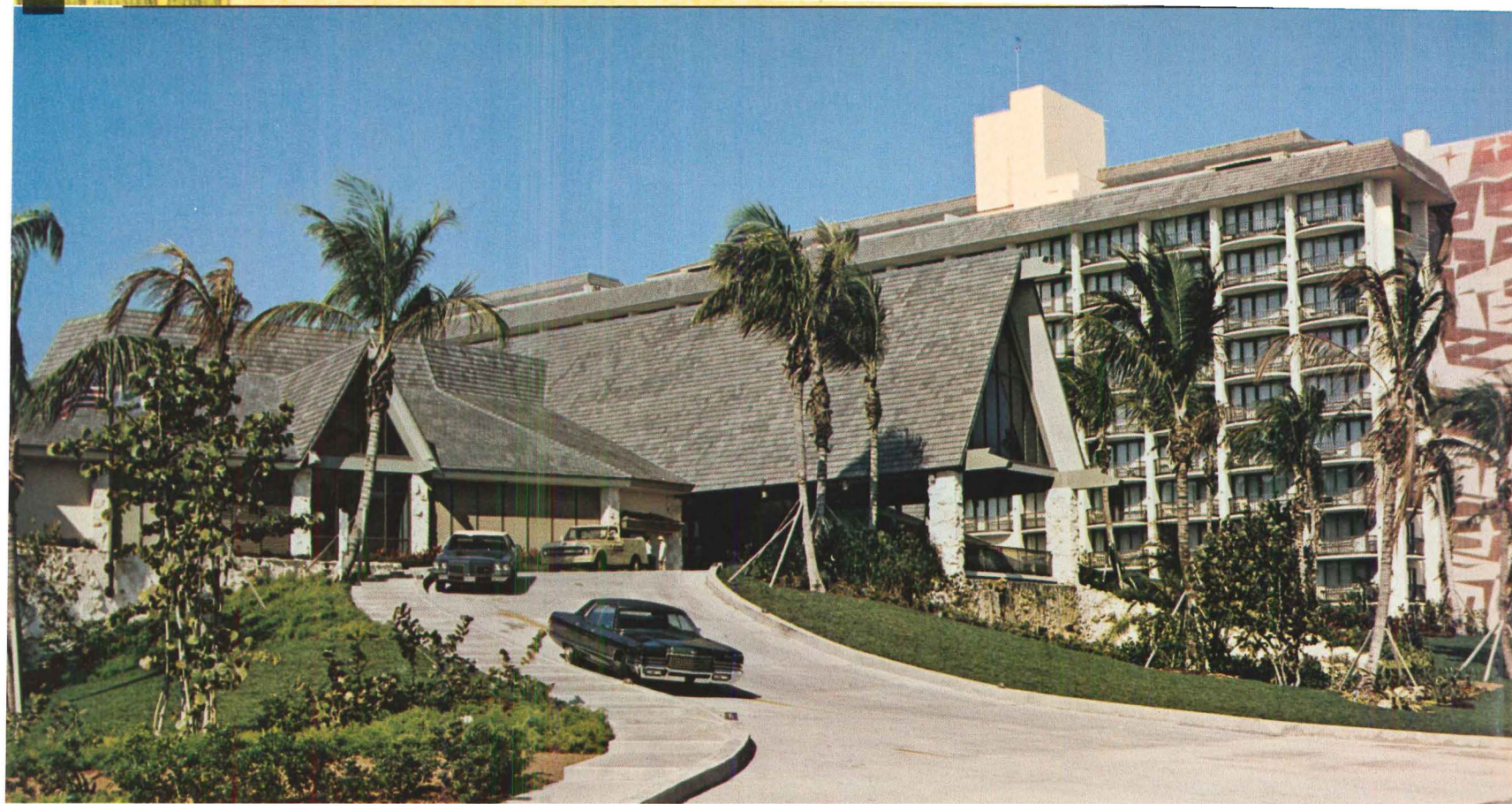
#### **JUTE CARPET BACKING COUNCIL, INC.**

American Industries, Inc. • BMT Commodity Corp. • C. G. Trading Corp. • Delca International Corp. • Dennard & Pritchard Co., Ltd. • A. de Swaan, Inc. • Robert F. Fitzpatrick & Co. • Gillespie & Co. of N. Y., Inc. • Hanson & Orth, Inc. • O. G. Innes Corp. • Jute Industries, Ltd. • Lou Meltzer Co. • Pak-Am Inc. • William E. Peck & Co. of N. Y., Inc. • R. L. Pritchard & Co. • Revonah Spinning Mills • Stein, Hall & Co., Inc. • White Lamb Finlay Inc. • Willcox Enterprises, Inc.

*For more data, circle 5 on inquiry card*

*For more data, circle 6 on inquiry card* ♦





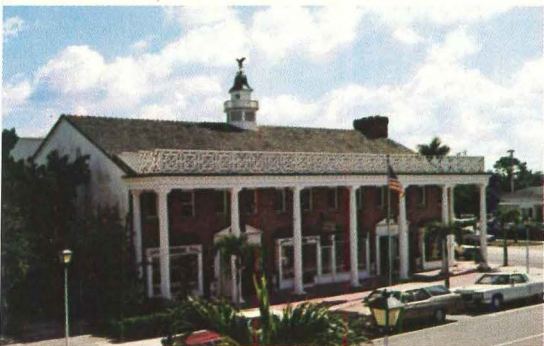
Marco Beach Hotel  
 Architect: James E. Vensel — Herbert Rosser Savage and Associates

**Ludowici tile tops them all...**

**FOR BEAUTY, ENDURANCE AND ECONOMY.**

**Now available nationally at NEW, LOW PRICES!**

Mazdar, Inc. office building  
 Architect: John B. Gesbocker



Port Royal Beach Club  
 Architect: John L. Volk & Associates, Architects



Charles M. Odorizzi residence  
 Architect: William Wallace Zimmerman, AIA



Ludowici's 3 most popular patterns, Spanish, Early American and Lanai are stocked by distributors nationally. Field tiles and all fittings are immediately available.

You can order Ludowici's Special Series Tiles for shipment within 6 weeks.

And, you can always order custom tiles, patterned, shaped and colored to your own specifications.

The vast variety of distinctive patterns and beautiful colors provide a handsome roofing solution for any type of building.

And the time-defying durability of a Ludowici Tile roof is legend. It almost always outlasts the building.

Now that prices of our most popular patterns have been reduced, preference for tile can be indulged lavishly and economically. You can have a superb Ludowici Tile roof at a cost comparable to slate, cedar shakes and asbestos shingles.

See the 1972 Sweet's Catalog #7.6/Lu



**LUDOWICI-CELADON COMPANY**

111 EAST WACKER DRIVE, CHICAGO, ILL. 60601 • Phone: (312) 329-0630

*New Products/New Ideas in Tile*

Consult your local distributor or mail this coupon:

For more data, circle 9 on inquiry card

Please send me full-color product booklet and the names of your Distributors.

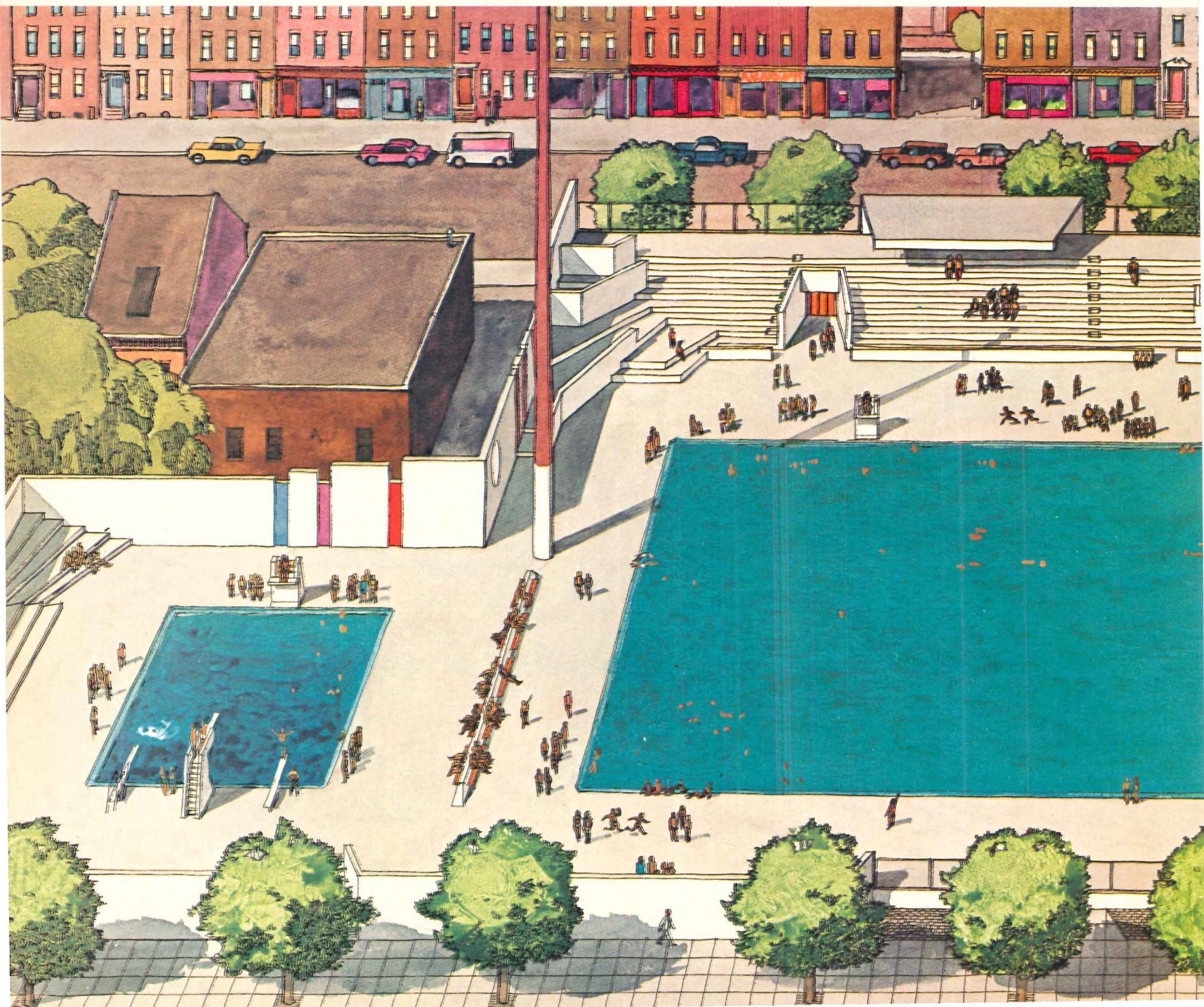
NAME \_\_\_\_\_  
 FIRM \_\_\_\_\_ PHONE \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ COUNTY \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE & ZIP \_\_\_\_\_



# Introducing the Bedford-Stuyvesant Giant by Chester Pools.

**A pool this size  
has to be aluminum.**

It's 100 ft by 230 ft. Has a capacity of 630,000 gallons. And it's aluminum because, with today's rising labor costs, the expense of constantly patching, caulking and repainting a pool this size would be staggering. The consulting architects for the New York City Parks, Recreation and Cultural Affairs Administration understood this clearly. That's why they chose aluminum for this mammoth, as well as for the 137,000-gallon diving pool and the unique, tiered wading





For information on Aluminum use reader service card number 10  
For information on Aluminum pools use reader service card number 11

pool with aluminum slides, fountain and stair-stepped waterfall, which are also part of the Bedford-Stuyvesant project.

These architects know that aluminum pools practically maintain themselves. They're tough and durable. Resist corrosion. Don't crack or spall. Don't have to be constantly patched, caulked or repainted.

Why was Chester chosen to build the world's largest in-ground aluminum pool and the two smaller ones? Be-

cause of Chester's aluminum know-how. For almost 20 years, Chester all-aluminum pools have stood up under wear and tear and widely different weather conditions.

And Chester's single-source responsibility makes things easier for the building team. The Chester aluminum pool is prefabricated as an integral unit, combining pool, aluminum piping and aluminum filtration equipment. It requires *little on-site plumbing and minimizes labor costs.*

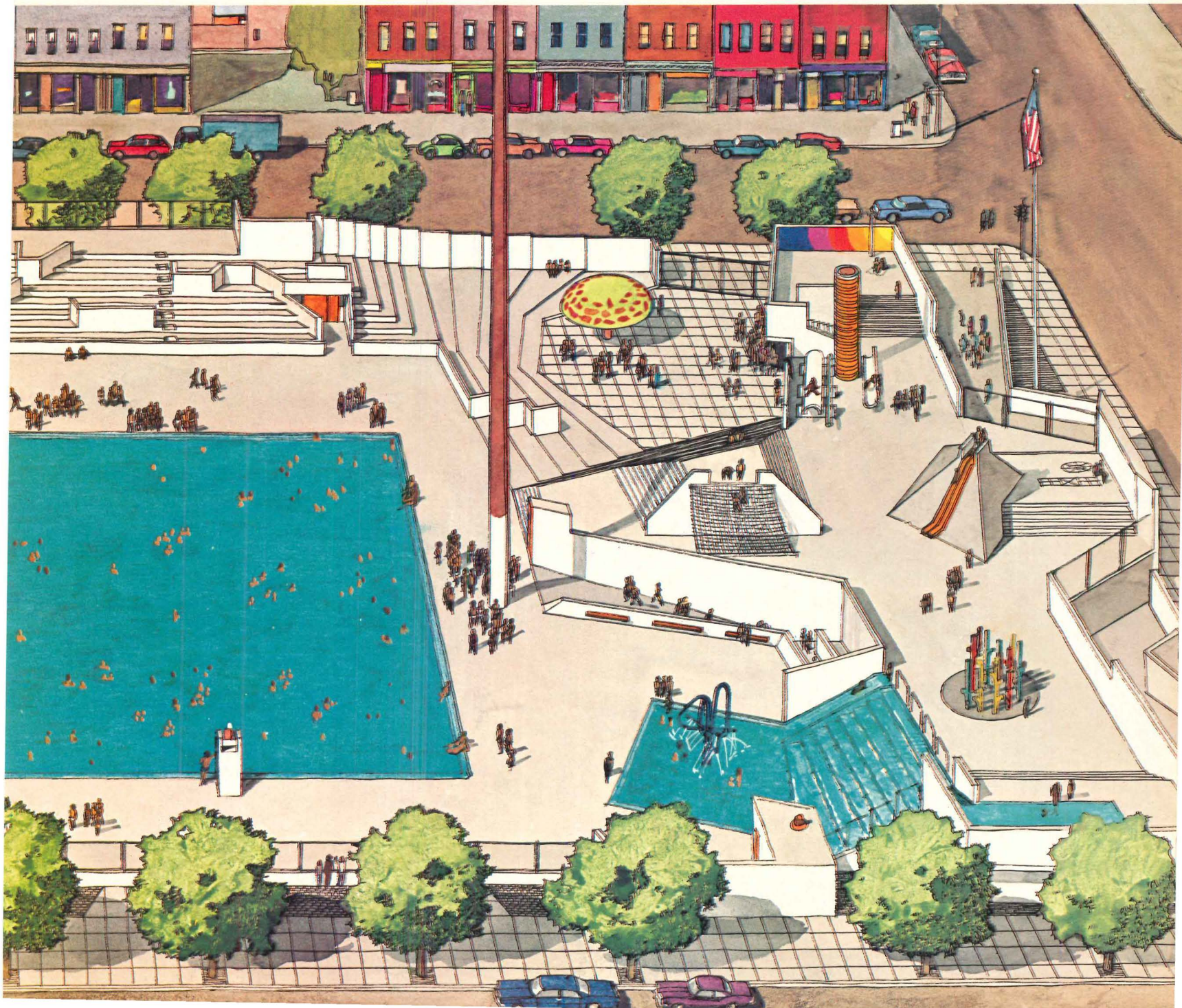
Should you desire, Chester's engineers are available to help you at any stage.

For more information about Chester all-aluminum pools, write Chester Products, Inc. at 1300 Lafayette Avenue, Middletown, Ohio 45042. For more information on aluminum for pools and accessories, write Aluminum Company of America, 1243 Alcoa Building, Pittsburgh, Pa. 15219.

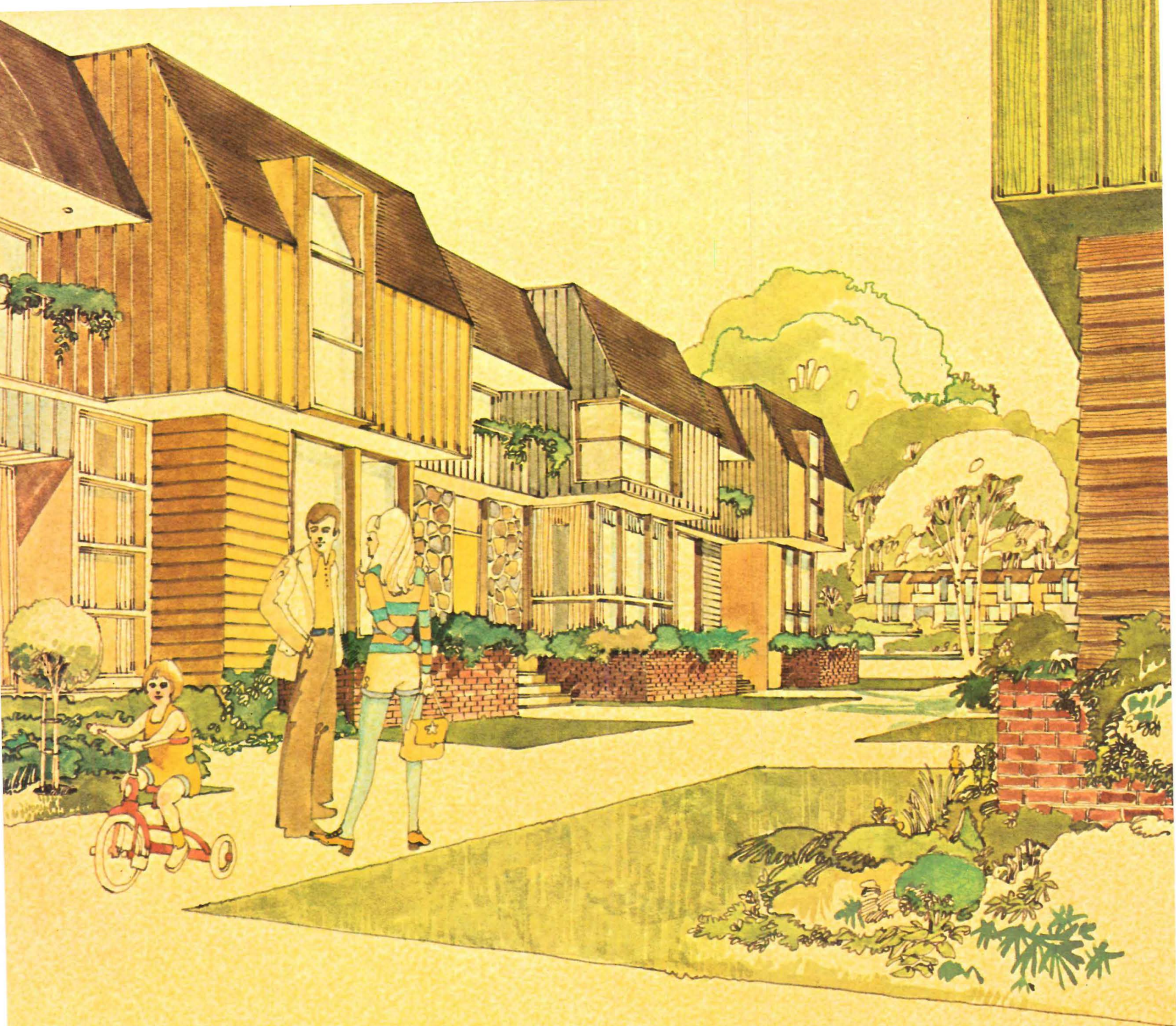
Architectural Firm:  
Morris Lapidus Associates  
641 Lexington Avenue  
New York, N.Y. 10022  
General Contractor:  
Tern Construction Company  
223 N. 8th Street  
Brooklyn, N.Y. 11211

Change for the better with  
Alcoa® Aluminum

 **ALCOA**







# Contemporary and carefree

## aluminum prefinished with **DURACRON®** coil coatings

The variety of textures and colors offered by today's aluminum building products meets the need for a material that combines beautifully with other materials *and* provides excellent value to both builder and buyer.

Siding, shingles and trim prefinished with new earth-tone colors from PPG complement other building materials, allowing the planner to use brick, stone and masonry with maximum effect and minimum cost.

For the owner, these architectural colors

of DURACRON coatings offer all the advantages of a low-maintenance finish that retains its warm, fresh-finish look for years.

To build your sales, build with aluminum products prefinished with DURACRON color coatings. Contact your aluminum products supplier or write PPG INDUSTRIES, Inc., Dept. 16W, One Gateway Center, Pittsburgh, Pa. 15222.

**PPG: a Concern for the Future**

Coil  
Coatings   
INDUSTRIES

For more data, circle 12 on inquiry card





**This is a picture of your  
\$75,000 architectural masterpiece.  
(during a power failure)**

Your award-winning design doesn't look like much in total darkness.

Worse yet, that home begins to lose its function when people stumble from room to room.

And the furnace or air conditioning system stops. And the refrigerator isn't refrigerating. And the freezer meat begins to thaw.

Admittedly, chances of a prolonged power failure aren't great. But neither is the chance that your house will burn down, yet you'd never recommend against fire insurance.

For less than \$2,000, you can install "power failure

insurance" in every home you design. In the form of a standby power plant.

It can protect the owners from great financial loss. Help prevent panic. Even tragedy.

And when you get to the point of specifying a standby power plant for the masterpiece on your board, remember this:

One standby power plant is over-engineered, over-built, over-tested. It's a complete system. It's rated conservatively. Its performance is certified.

Because it must perform so that everything else will. No. 1 is the One.

**Onan**<sup>®</sup>

1400 73RD AVENUE N.E., MINNEAPOLIS, MINNESOTA 55432  
OUR 50TH YEAR BUILDING GENERATORS AND ENGINES



**montgomery  
announces  
the elevator  
that  
won't hold you up**

**SPM** <sup>TM</sup>

**by montgomery**

With deadlines to meet and costs to cut, you really don't need a hold-up. You can't afford to be robbed of time or dollars. That's why Montgomery designed the SPM.

It's the oil-hydraulic elevator designed to make the important moves in low-rise buildings.

More importantly, it's SPM-Standard Pre-Manufactured. We have them in stock, can ship them to you fast, and it will cost you less.

"Standard" doesn't mean one-size-

fits-all, because we have three, each with many options. And you can still have flexibility in fixtures and decor.

Because we build a lot of them and charge less doesn't mean we've compromised on Montgomery quality, performance, or reliability. The SPM is made of the same components as our custom elevators. We just built this one before you asked for it. No hold-ups.

For more information on the SPM drop us a line.

**montgomery**<sup>®</sup>

**ELEVATORS/ESCALATORS  
POWER WALKS & RAMPS**

Montgomery Elevator Company, Moline, Illinois 61265  
Montgomery Elevator Co. Limited, Toronto, Ontario  
Offices in Principal cities of North America

For more data, circle 14 on inquiry card





## Engineered wood products that can match your imagination

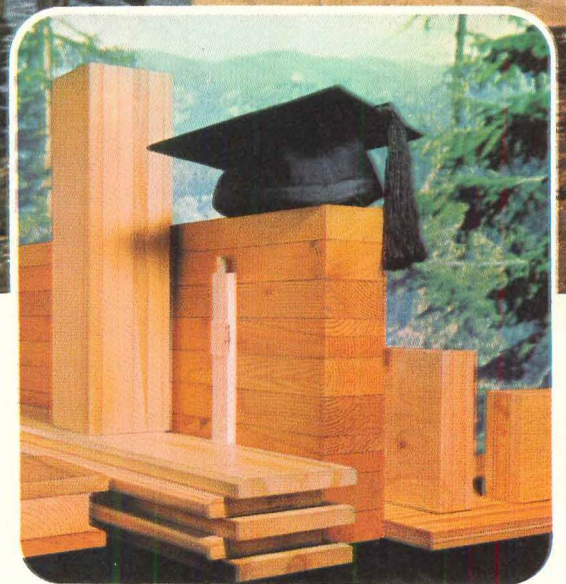
This dramatic waterfront house uses Cedar Lock-Deck laminated decking to form both structural and finished wall and roof surfaces in one imaginative application.

Potlatch manufactures wood in countless forms, as strong and versatile as they are beautiful. They open the door to a whole new world of warm, natural designs that once had to com-

promise beauty for practicality.

The remarkable durability of Inland Red Cedar boards and decking gives interiors and exteriors a beauty that grows with passing years. Lock-Deck decking and laminated beams of superb Southern Pine combine outstanding strength with a unique clarity of appearance. The wonderful workability of Idaho White Pine gives charm

and permanence in countless solid and laminated forms, and solid hardwood panelings and floorings give durable, dramatic beauty. The wonderful world of wood is engineered to match your needs at Potlatch Forests, Inc., P.O. Box 3591, San Francisco, 94119.



# Potlatch

*For more data, circle 15 on inquiry card*

Potlatch, the forests where innovations grow... in wood products and building materials, in paperboard and packaging, in business and printing papers.





*Student Owned Co-op Housing Project, Berkeley, California. Syed Husain, Ratcliff, Slama and Cadwalader, Architects*

## **Stunning Shakertown 8-foot Colonial panels for student housing**

All of the wall surfaces of the new Co-op Housing Project for students near the University of California are faced with the multi-ply Shakertown Colonial Shingle Textured Panels. The panels are a combination of textured shingles or shakes and undercoursing shingle backerboard with a cross bind core of plywood veneer. Panels are self-aligning and come with match-CHOICE OF TEXTURES IN 7" or 14" EXPOSURE

ing color nails for fast application. The 7" exposure, rustic texture and heavy butt lines enhance the appearance of this vast living quarters. Shakertown shake and shingle panels provide years of beauty and service to any building for sidewalls or Mansard construction. On your next job consider Shakertown 8-foot panels for beauty and protection.



BARN SHAKE PANELS



SHINGLE TEXTURE PANELS



ROUGH SAWN PANELS



**Shakertown**<sup>®</sup>  
FIRST NAME IN CEDAR SHAKES

*Write for detailed brochure*  
**SHAKERTOWN CORPORATION**

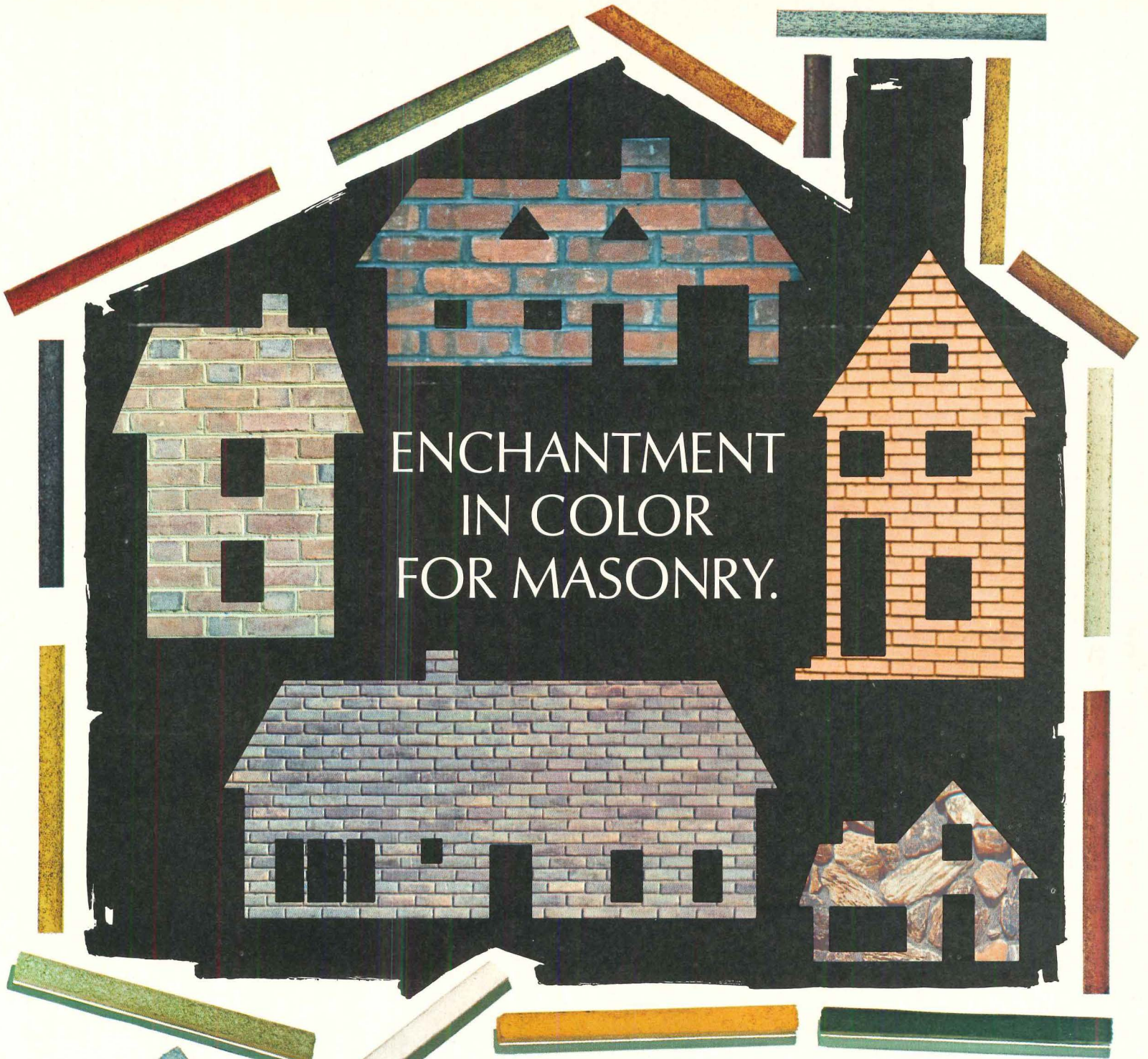
DEPT. AR-5  
4416 LEE ROAD  
CLEVELAND, OHIO 44128

*In Canada*

**BESTWOOD INDUSTRIES, LTD.**

P. O. BOX 2042  
VANCOUVER 3, B.C.





ENCHANTMENT  
IN COLOR  
FOR MASONRY.

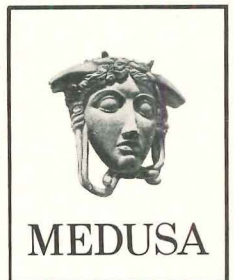
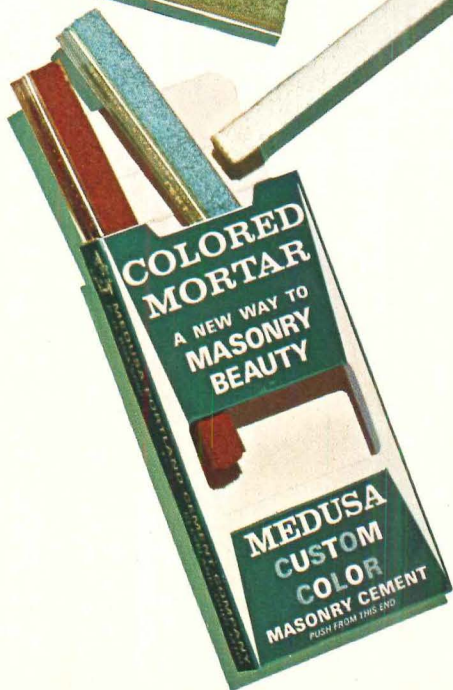
## MEDUSA CUSTOM COLOR

Add elegance to new homes with the use of Medusa Custom Colored Masonry Cement for colored mortar.

By specifying a colored mortar for your Home, Town House, or Apartment, you customize and personalize its architectural splendor. With little additional cost, you will appreciate your investment to its fullest.

Offer your clients new enchantment in color. Choose from a multitude of colors available in sample kits. Write Medusa for color brochure—P. O. Box 5668, Cleveland, Ohio 44101.

Write for free sample kit containing six popular MCCMC colors.



For more data, circle 17 on inquiry card



# Introducing the new Andersen Perma-Shield<sup>®</sup> Gliding Window.





## Is this the window that has everything for houses and apartments?

It's a fair question. After all, this new line of Andersen Perma-Shield Gliding Windows incorporates all our accumulated experience in window design and construction. We gave it a lot of thought, improved and refined it through many stages, and gave it thorough field tests before we were satisfied.

So we think that architects, builders and users will all be more than pleased with this, our latest window.

But does it have everything? Before you answer, glance down the summary of features below; send for more detailed information—ask for a demonstration, if you like. We think we've come close. See if you agree.

① Perma-Shield! No painting inside or out. Both frame and sash are stable wood completely covered with a rigid vinyl sheath. No corner joints in frame. Sash corners are welded to form leak-proof joints.

② Sill tank. For added weathertightness under severe conditions of exposure, an integral vinyl dual sill has been built in to drain any moisture to the exterior.

③ Welded insulating glass eliminates need for storm windows. Snap-in rigid vinyl glazing bead eliminates glazing compound on exterior.

④ Weatherstripping is rigid vinyl for maximum weathertightness... factory applied.

⑤ Weathertight, vinyl-sheathed sash. Wood core factory treated with preservative for stability and insulation. Adjustable, chrome-plated steel glides in bottom rail for smooth, easy operation.

● Neat, trim frame is compatible with traditional, colonial or contemporary design. And it matches other Andersen Perma-Shield Windows and Gliding Doors.

● Screen is easy to install and remove from inside. White Perma-Clean® aluminum frame needs no painting. Screen strikes are part of exterior frame—no hardware to apply or lose.

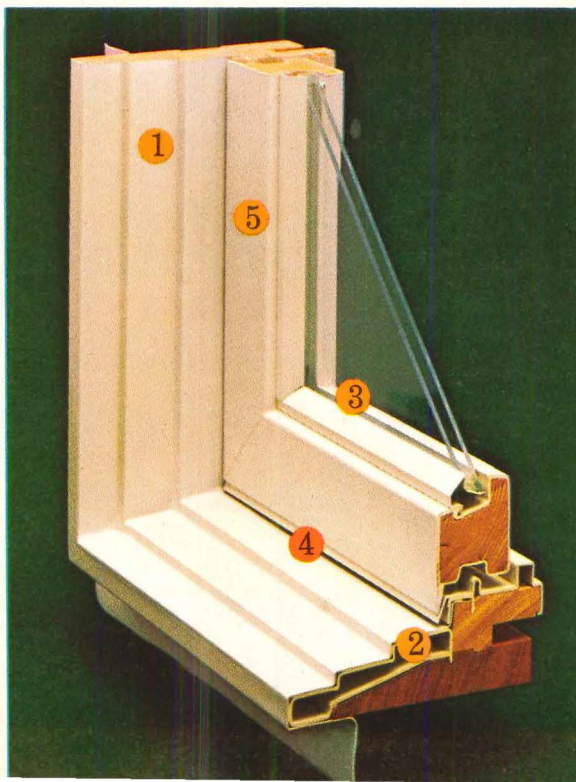
● Weatherstripping of wedge-shaped rigid vinyl and neoprene on meeting stile reduces dust, air, noise, heat and cold leakage to minimum.

● Removable sash. Both stationary and operating sash can be removed for cleaning from inside by releasing securing screws. This safety feature prevents accidental release of either sash.

● Attractive handle operates spring-loaded rods for positive locking of windows at top and bottom. All factory installed.

Perma-Shield Gliding Windows are available in eleven basic sizes suitable for commercial and residential applications.

Like more information on Andersen's new Perma-Shield Gliding Windows? There are five ways to get it: from your Sweet's File (Section 8.16 An), from your Andersen dealer or distributor, by using the Reader Service Card in this publication, or by mailing the coupon.



Please send me details on your new Andersen Perma-Shield Gliding Windows.

Name \_\_\_\_\_

Firm \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Send to Andersen Corporation  
Bayport, Minnesota 55003

AR-52

**Andersen Windowalls®**  
ANDERSEN CORPORATION BAYPORT, MINNESOTA 55003



For more data, circle 18 on inquiry card





# Design for life.

Cypress Point Apartment Community. Architect: May & McElhinney, A.I.A., Builder: E. A. Hathaway & Company Actual Size Ruf-Sawn Plywood Texture

More than wood, redwood is a mood. A feeling of life. Something warm and natural that reaches out, commands special attention, and shows off good design like nothing else can.

Simpson Ruf-Sawn Redwood Plywood combines the long-lasting beauty of saw-textured California redwood with the strength and economy of panel construction. No other wood product takes and holds

stains better. And with the variety of patterns, sizes and grades available, Ruf-Sawn adapts to any design concept.

Simpson Ruf-Sawn Redwood Plywood. Use it when you design for life. Contact us at the address below.

## Ruf-Sawn Redwood Plywood **Simpson**

Simpson Timber Company, 2000 Washington Building, Seattle, Washington 98101



# WE MAKE MAIL - BOXES



VERTICAL



HORIZONTAL

And we've been making them for 23 years. Different sizes, styles, combinations and arrangements for every apartment lobby. Rugged construction. Modern, attractive appearance. Just check your Sweet's Architectural Catalog File 10.21/Bo for complete specifications and ordering details.

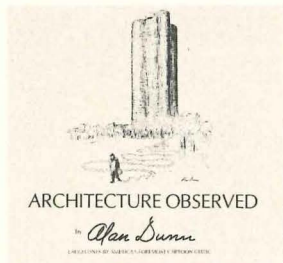


For more data, circle 16 on inquiry card

LANDRUM & G. 22256 (200) 457-2224



# NEW BOOKS FROM ARCHITECTURAL RECORD



## ARCHITECTURE OBSERVED

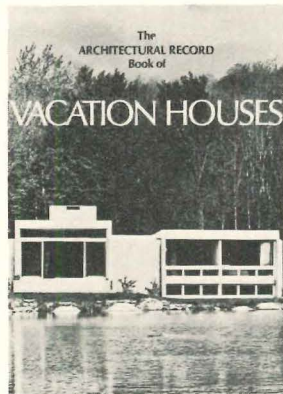
LAUGH LINES BY AMERICA'S FOREMOST CARTOON CRITIC

by Alan Dunn

FOREWORD BY LEWIS MUMFORD

A joyous collection of 139 cartoons by a man who is universally recognized as America's funniest, most amiable and most incisive commentator on the foibles of American Architecture and its practitioners. A contributor to Architectural Record for almost 35 years, Alan Dunn knows better than anyone else how to plant the stiletto that tickles!

144 Pages 8½ x 9 \$6.95



## THE ARCHITECTURAL RECORD BOOK OF VACATION HOUSES

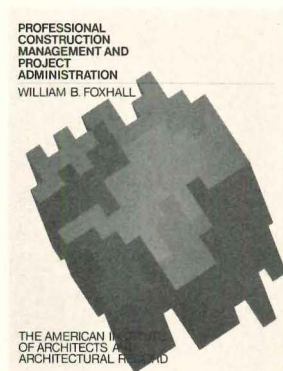
by the editors of Architectural Record

A sparkling collection of architect-designed vacation houses for all climates and terrains—from a mountaintop chalet in British Columbia to a beach house in Florida.

Selected by Architectural Record editors, these architect-designed vacation houses range in price from less than \$5,000 for a very small two-room cottage to more than \$100,000 for large structures. Each house is fully described with floor plans, photographs and construction details.

For easy reference the book is divided into five sections: beach, mountain, lakeside, resort and country, weekend and summer homes.

256 Pages 9 x 12 \$9.95



## PROFESSIONAL CONSTRUCTION MANAGEMENT AND PROJECT ADMINISTRATION

by William B. Foxhall

Senior Editor Architectural Record

This joint publication of Architectural Record and The American Institute of Architects reviews emerging trends in the management of large construction projects and the administration of cost control and management services. Included are outlines of contracting approaches to these new methods.

The basic guidebook to modern construction management.

144 Pages 8½ x 11 \$15.00

USE THIS COUPON TODAY 

Architectural Record, 330 West 42nd Street, New York, New York 10036  
Please send me the following book(s) in the quantity indicated:

ARCHITECTURE OBSERVED by Alan Dunn @ \$ 6.95 each \$ \_\_\_\_\_  
 ARCHITECTURAL RECORD BOOK OF VACATION HOUSES @ \$ 9.95 each \$ \_\_\_\_\_  
 PROFESSIONAL CONSTRUCTION MANAGEMENT AND PROJECT ADMINISTRATION @ \$15.00 each \$ \_\_\_\_\_  
 TOTAL \$ \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

Enclose check or money order.

RH-72



Crusader's Carpet of Herculon® got a great Chinese dinner...



**...but didn't get filled up.**

Crusader's "Tuff Tweed" carpet with pile of HERCULON\* was served a sizzling pepper steak. Topped with a whole package of Chun King's incomparable Pepper Steak Dinner. But in just a few minutes, "Tuff Tweed" was clean as a whistle and ready for seconds.

The stain resistance of HERCULON olefin fiber, coupled with uncommon resistance to abrasion and fading, gives you the perfect carpet for any commercial installation.



Crusader's "Tuff Tweed" carpet of HERCULON made short work of Chun King's Pepper Steak Dinner. But "Tuff Tweed" will work a good long time for your clients.

For detailed information on HERCULON olefin fiber see Sweets **S** Light Construction, Architectural and Interior Design files. Or, write Fibers Merchandising Dept. 210. Hercules Incorporated, Wilmington, Delaware 19899 for free 24 page booklet.

**Specify carpet of Herculon® by Crusader**

Chun King is a registered trademark of RJR Foods, Inc.



\*Hercules registered trademark.

For more data, circle 21 on inquiry card



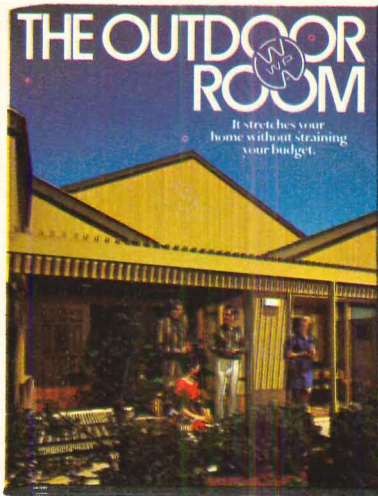
# Find out how one architect stretches residential living space without straining the budget.

Send for this:

We asked Architect Alex Pierce, AIA, to explore the use of the "Outdoor Room" as an economical way to expand residential living space. He responded with approaches suitable for townhouses, apartments or homes, and we have gathered them together in a new 12-page, full-color "Outdoor Room" booklet.

He uses the out-of-doors and Western Wood to stretch kitchen areas, family rooms and entries—even bathrooms and bedrooms—in provocative and inexpensive ways.

Perhaps you can solve your clients' space problems, too—in innovatively and economically—with outdoor rooms. And versatile Western Wood, which adapts easily to almost any site or environment. Send in the coupon for your copy of "The Outdoor Room." It's free.



Name \_\_\_\_\_

Address \_\_\_\_\_

Firm \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_



**Western Wood  
does it like  
nothing else can.**

Western Wood Products Association  
Dept. RH-72, Yeon Building  
Portland, Oregon 97204

Western Woods include knotty and clear grades of Douglas Fir, Ponderosa Pine, Western Red Cedar, Incense Cedar, Western Hemlock, White Fir, Engelmann Spruce, Western Larch, Lodgepole Pine, Idaho White Pine, and Sugar Pine.

For more data, circle 22 on inquiry card

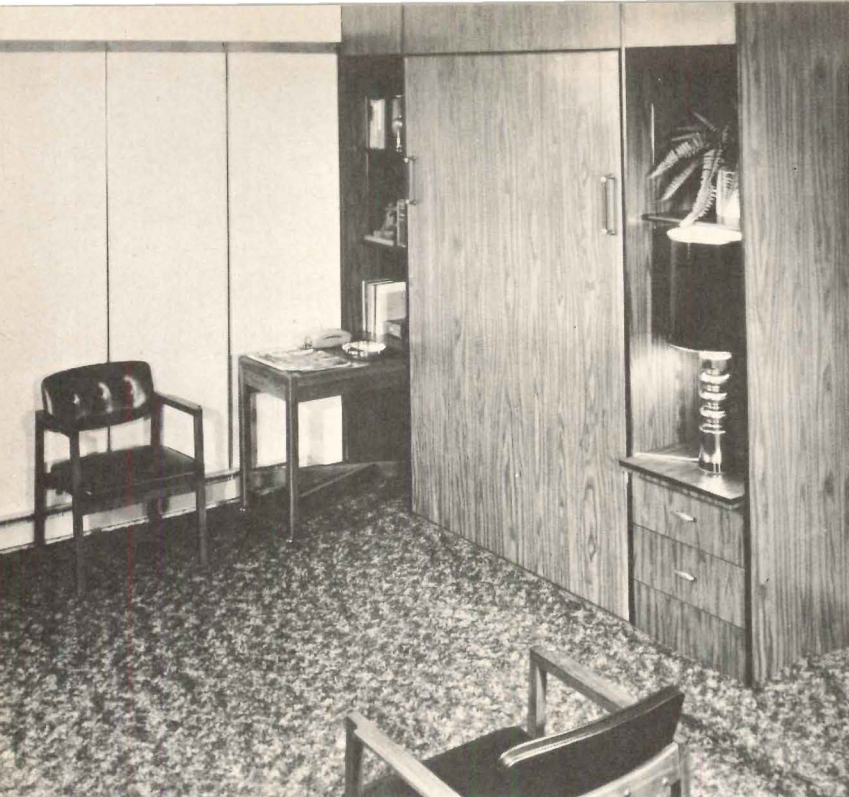
Cuts of a series prepared by members of the American Wood Council.











## part-time family room

Imagine creating a nine-room dwelling at nearly the price of five. How? By multiplying one room's livability.

Only Sico enables you to create five distinct living environments within the same room's space: family room; den; dining room; living room; and bedroom.

Why build and finance a room costing thousands-of-dollars to surround a \$150 bed? Any conventional bed harnesses an entire room to a single full-time use.

Sico enables you to offer full-time living without staggering costs. The secret: Sico "Multiplex" Furnishings System. It includes an exclusive, fatigue defying torsion-bar-controlled wall bed; convertible desk/table; sliding night stand; and rough-in or finished cabinetry.

Install one, or all. Each will fit *your* design and interior scheme. Each uncrowds apartment, condo-

## part-time dining/living room



## part-time den

minium and townhouse space by multiplying livability. Even "glass house" efficiencies have a privacy area using a divider wall of "Multiplex" Furnishings.

The family room becomes a den by simply pulling the 20x40" Sico desk/table out-of-the-wall; rolls anywhere. To create a dining or living room, the desk flips open to a 40x40" table. To create a bedroom, replace desk/table in-wall; then "float" the bed out-of-the-wall. It delivers standard single, double or queen size mattress and box spring sleeping comfort. To re-create a family room, "float" the bed back.

Rest of the wall cabinetry includes four adjustable shelves and two drawers.

Whichever use, space conversion takes ten effortless seconds. Details on full-time living? Contact Sico.

## part-time bedroom

full-time living from

**SICO**  
SICO INCORPORATED

\*Registered trademark of Sico Incorporated

Sico, Inc. • Dept. AR-72  
7525 Cahill Road  
Minneapolis, MN 55435  
Phone (612) 941-1700  
Cable: WILSICO, Mpls.

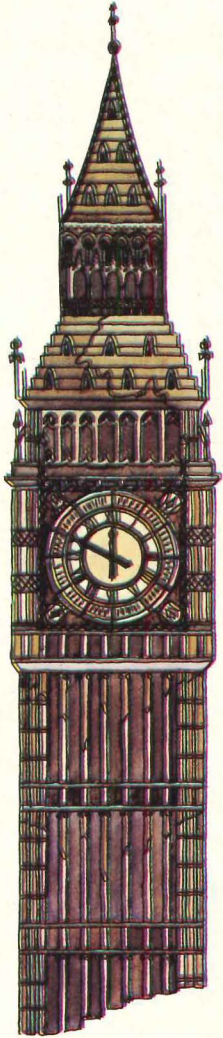
For more data, circle 23 on inquiry card





# There's only one.

# MOEN

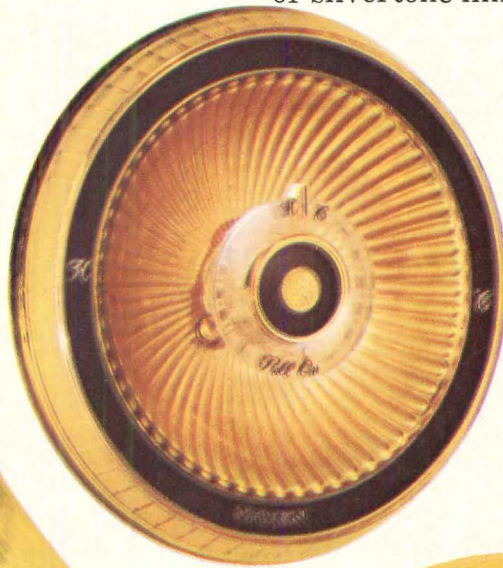


Boutique is more than just another pretty face. It's got Moen quality built-in—to give customers convenience and beauty. And it tells people a lot about the quality of a home. Gives your customers quality they can look up to. Available in either goldtone or silvertone finish.



Boutique coordinates Decor with matching handles and escutcheons for shower and lav, plus coordinated tub spout and shower head. Beautiful.

Easy to use. Easy to clean, too. (The exterior is smooth—because the fluting is on the inside.)



The same proven cartridge mechanism that fits all other Moen faucets and valves is also used in Boutique. Offer convenience, elegance, and reliability with Boutique by Moen.

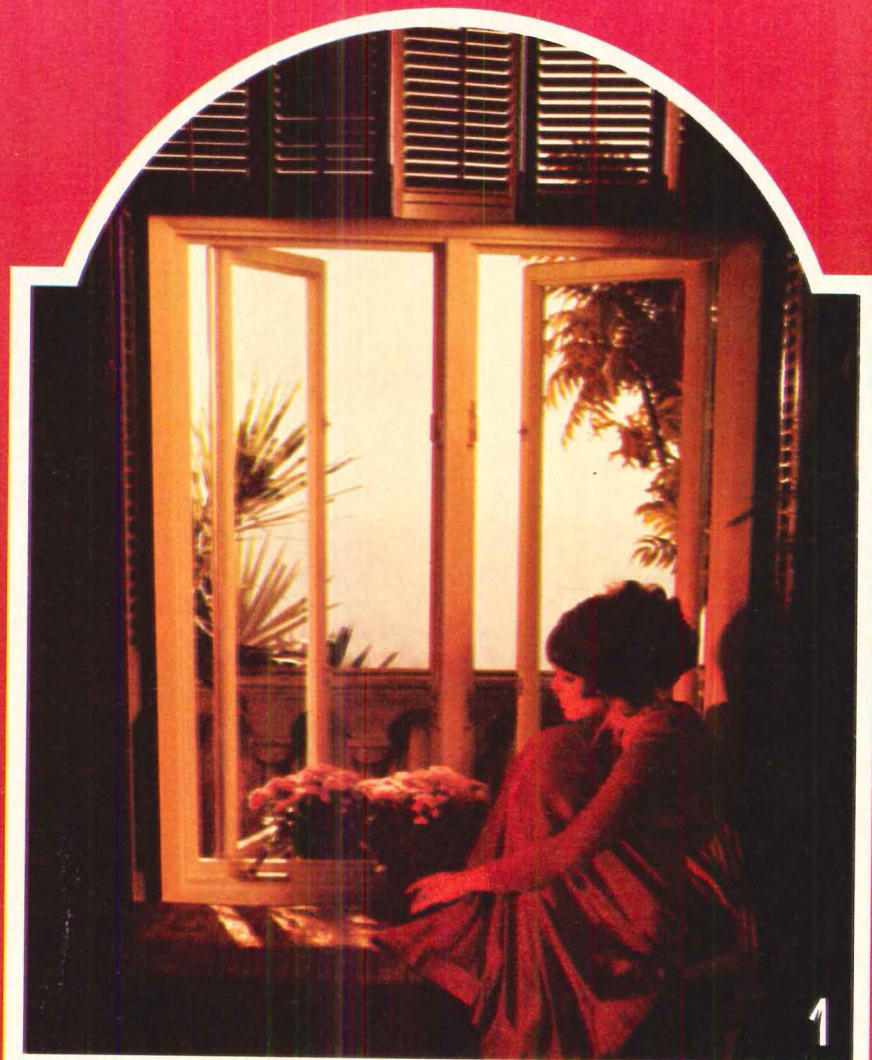


MOEN, A DIVISION OF *Stanadyne*, ELYRIA, OHIO 44035

For more data, circle 24 on inquiry card



**The  
luxury of  
wood  
windows  
is  
affordable  
when  
you go  
Caradco**



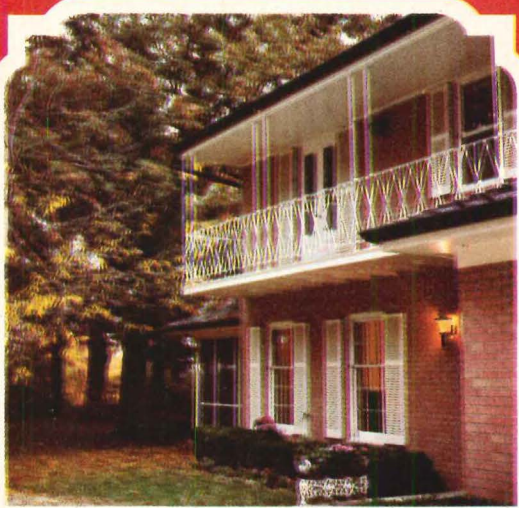
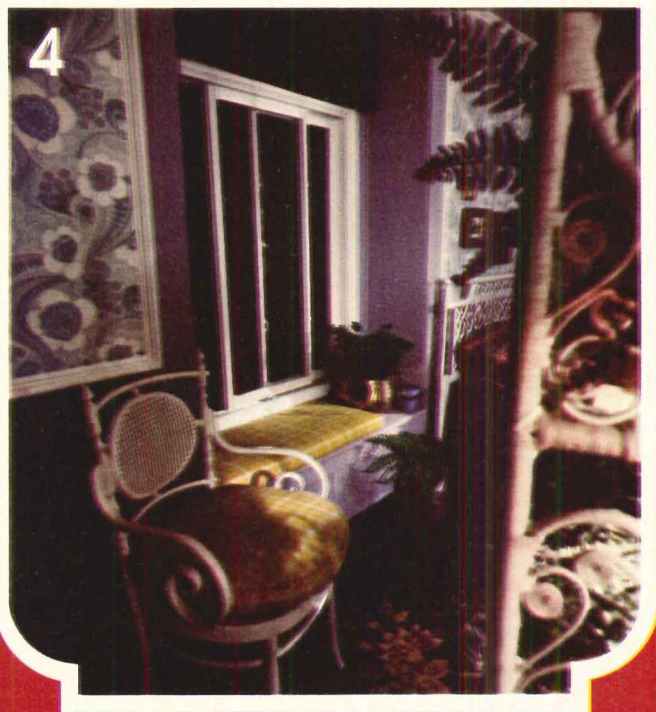




See for yourself! Caradco quality is competitively priced. So you can well afford the added value of good looking, better insulating wood windows in your homes and apartments.

Caradco offers the most sensible combination of beauty, comfort and price in every style and size. **The Caradco C-200' casement complements any home or apartment.** (1) In regular installations, or (2) in graceful bow window style with both fixed and operating sash. (3) **Our C-100' double-hung economy window** offers removable sash for easy inside cleaning, stainless steel track/ weatherstrip, factory priming. And it's a complete package—grilles, storm panels and screens. Also available completely prefinished outside and wood-toned inside. Especially suited for apartments and volume house production are **our HPL and VPL factory prefinished wood windows** (4) complete with screens, storms or optional insulating glass, vinyl grilles, locks and polybagged protection.

For the added appeal of wood windows at competitive prices, put Caradco in your building plans. Ask us . . . or your Caradco dealer for full details.

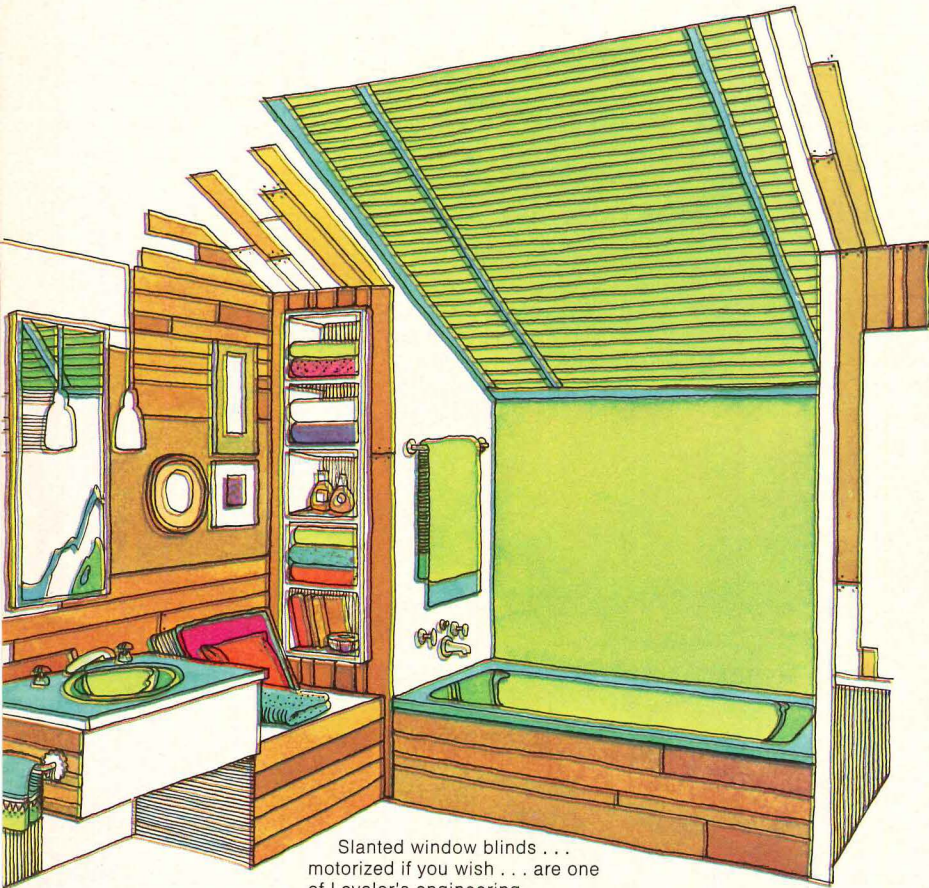


**Caradco Window and Door Division**

**Scovill**



# For 2000 years, blinds have been controlling light beautifully.



Slanted window blinds . . . motorized if you wish . . . are one of Levolor's engineering innovations. No matter what the window shape or angle, we'll produce a blind for it.

Legend tells us the first venetian blinds (stone slabs, incidentally) were created for Nero's palace. In all the intervening years, science has never found a functionally better way of managing sunlight.

But there's one problem.

Because they've been around for so long, some people still think of blinds as broad white slats, strung together with fat tapes to catch the dust.

If that's your impression, we'd like to re-introduce you to blinds as they are today . . . beautiful. We'll send you a technical catalog and our new decorator idea book. Or we'll have one of our representatives call. Just write Levolor Lorentzen, Inc., 720 Monroe Street, Hoboken, N.J. 07030. Or phone us collect on (201) 792-2600.

Miami • Atlanta • Chicago • Dallas • Los Angeles • Oakland



The Levolor Riviera is our unobtrusive blind. We use cord instead of tape and the control is a clear wand.



More than 50 colors and finishes are available to harmonize with any decorating concept you have in mind.

## Now Levolor has made the blinds beautiful.

For more data, circle 26 on inquiry card



# RECORD HOUSES OF 1972

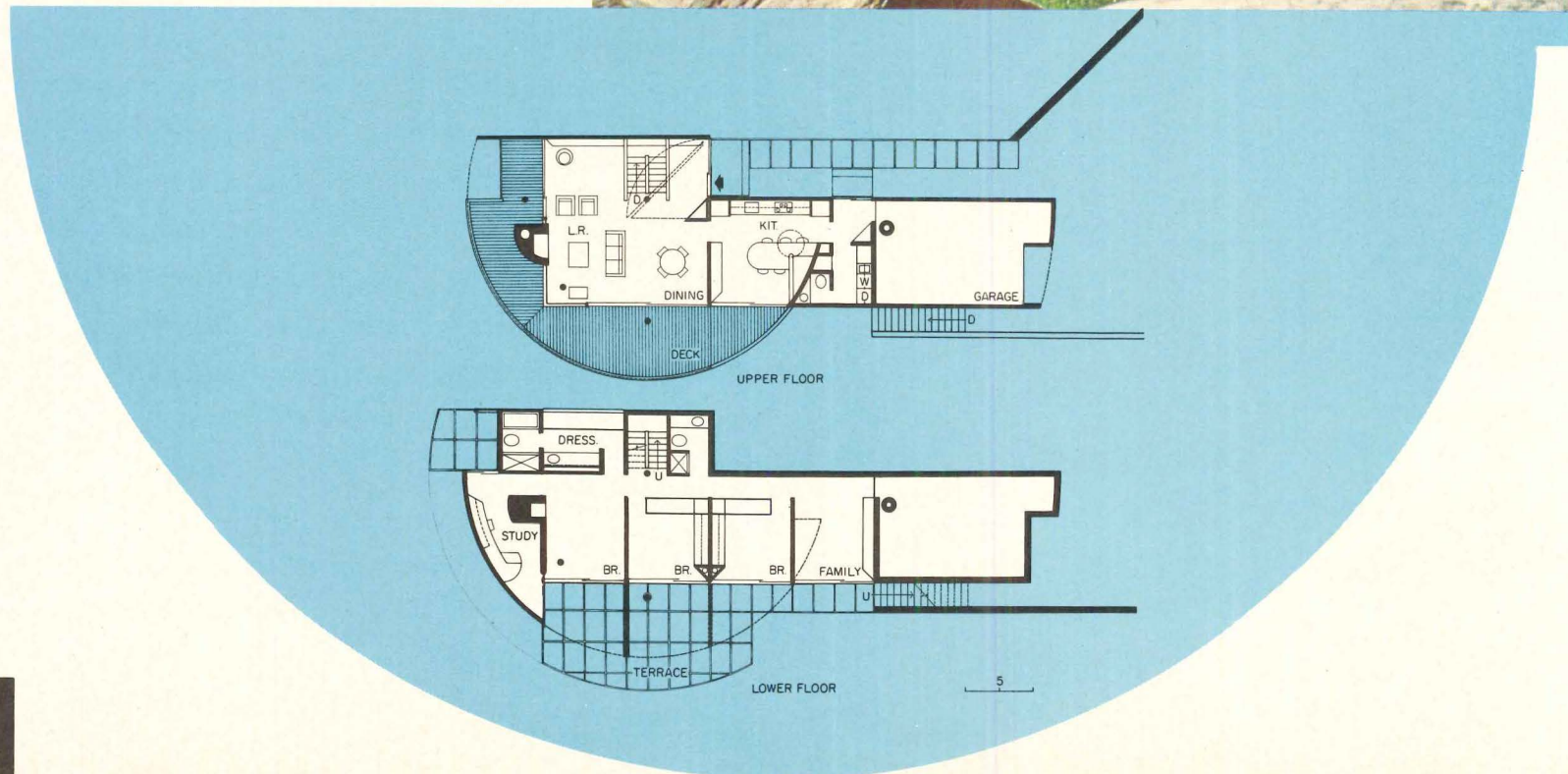
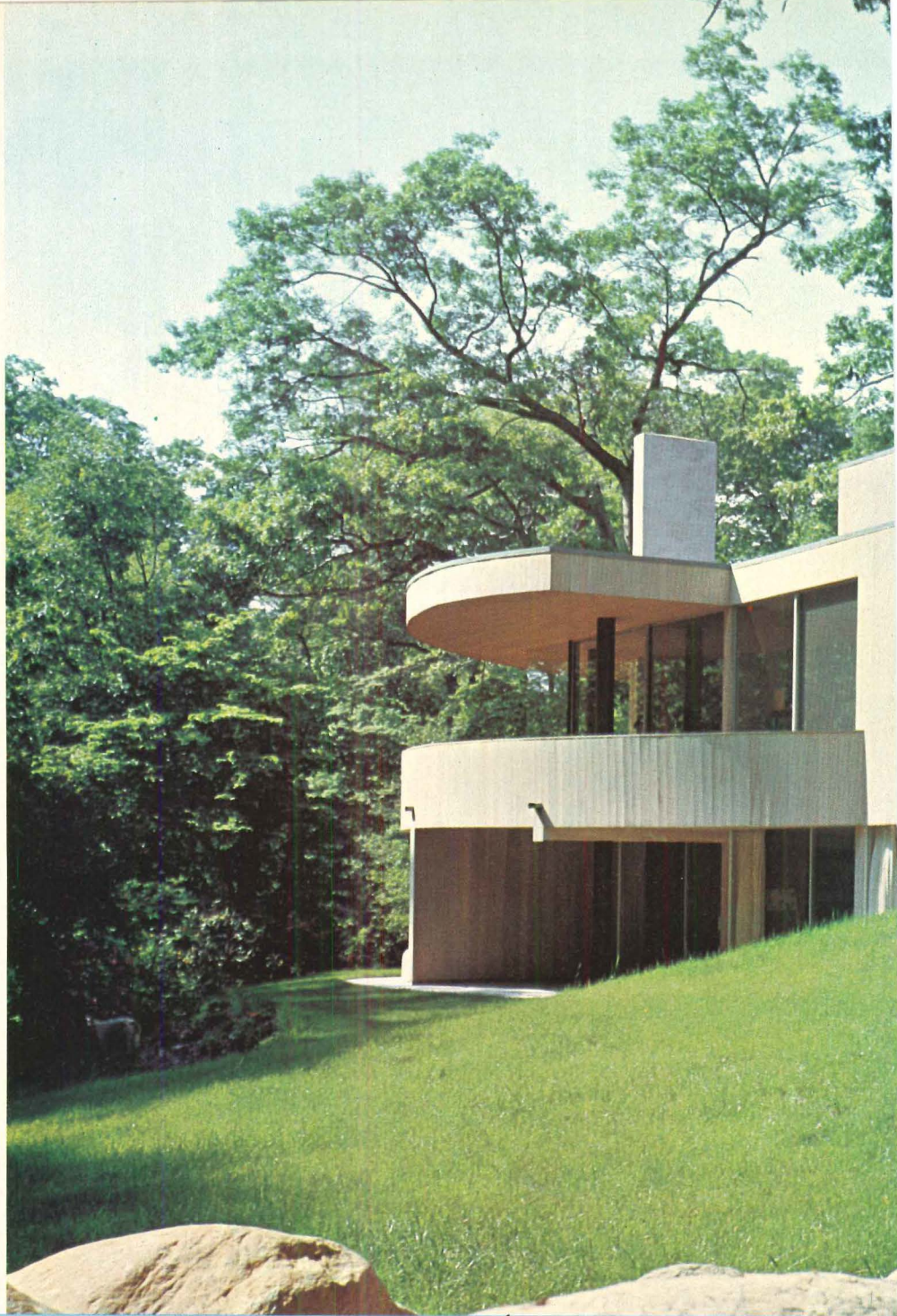
## 20

houses and eight apartments that will intrigue and delight architects and others interested in residential design is what RECORD HOUSES is about. Those selected represent the variety of thinking being done today by American architects. More than two-thirds of the buildings in this seventeenth issue of RECORD HOUSES are by architects whose work is appearing here for the first time. All will receive an ARCHITECTURAL RECORD Award of Excellence in Residential Design for themselves and their clients. In addition to regular subscribers, the magazine will be sent to selected builders and interior designers and will be available in bookstores. The focus of the issue is the relationship of the building to the site. As land costs rise, as land with legal and political complications must be utilized, as land with abnormal topography can no longer be bypassed, the architect's unique potential to produce a symbiosis between nature and shelter becomes even more important. The buildings which follow illustrate that point with style and distinction.—James D. Morgan



In words any architect would cherish, Loring Mandel wrote in *The New York Times*, December 6, 1970, of the house Richard Henderson designed for him. Speaking of his site—two acres in the middle of a 60-year old private arboretum in Huntington, Long Island—the client wrote of his hopes as the project began: “The house would not be a jewel in a setting. The valley was the jewel, and the house had to be fashioned to let us see it in bloom or in snow.” Henderson had two immediate reactions to the land: first, the scheme must be linear and run along the contours to minimize its effect on the rich environment. Second, at the western end of the house, a sweeping vista into the valley was indicated rather than a directed one. The resulting plan (below) can be seen as a linear house with a semi-circular deck or, if viewed with the diagonal through the steel-framed living room as a vertical, as a glazed pavilion on a rounded terrace set in the woods with service areas, like an umbilical cord, connecting it to the outside world. Thus, with a straightforward 2300 sq ft plan and very economical use of circular geometry, Henderson has accomplished both siting goals.

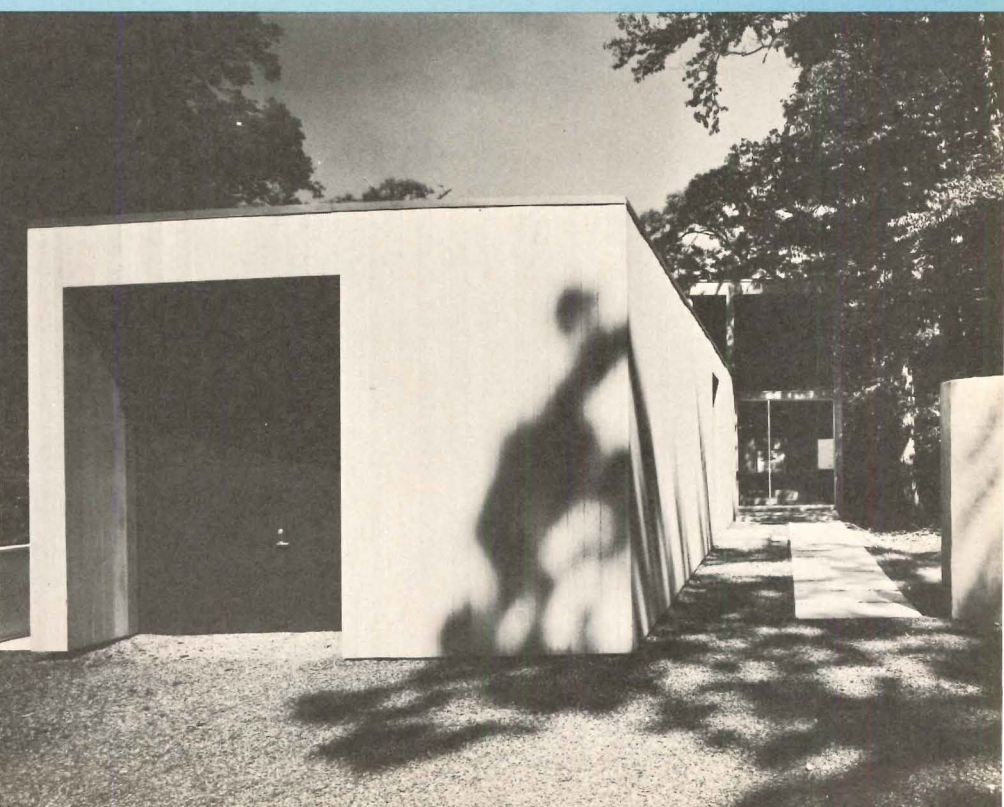
*Architect:* RICHARD HENDERSON, formerly of Gwathmey and Henderson. *Owner:* Mr. and Mrs. Loring Mandel. *Location:* Huntington Bay, New York. *Engineer:* Geiger-Berger (structural). *Contractor:* Harry Sprukts.







Viewed from the west along the diagonal through the living room (left below), the sweep of the circular terrace is emphasized. The curving facade of the garage (below) has as its focus the same point, the column in the entry, as the other curved walls.



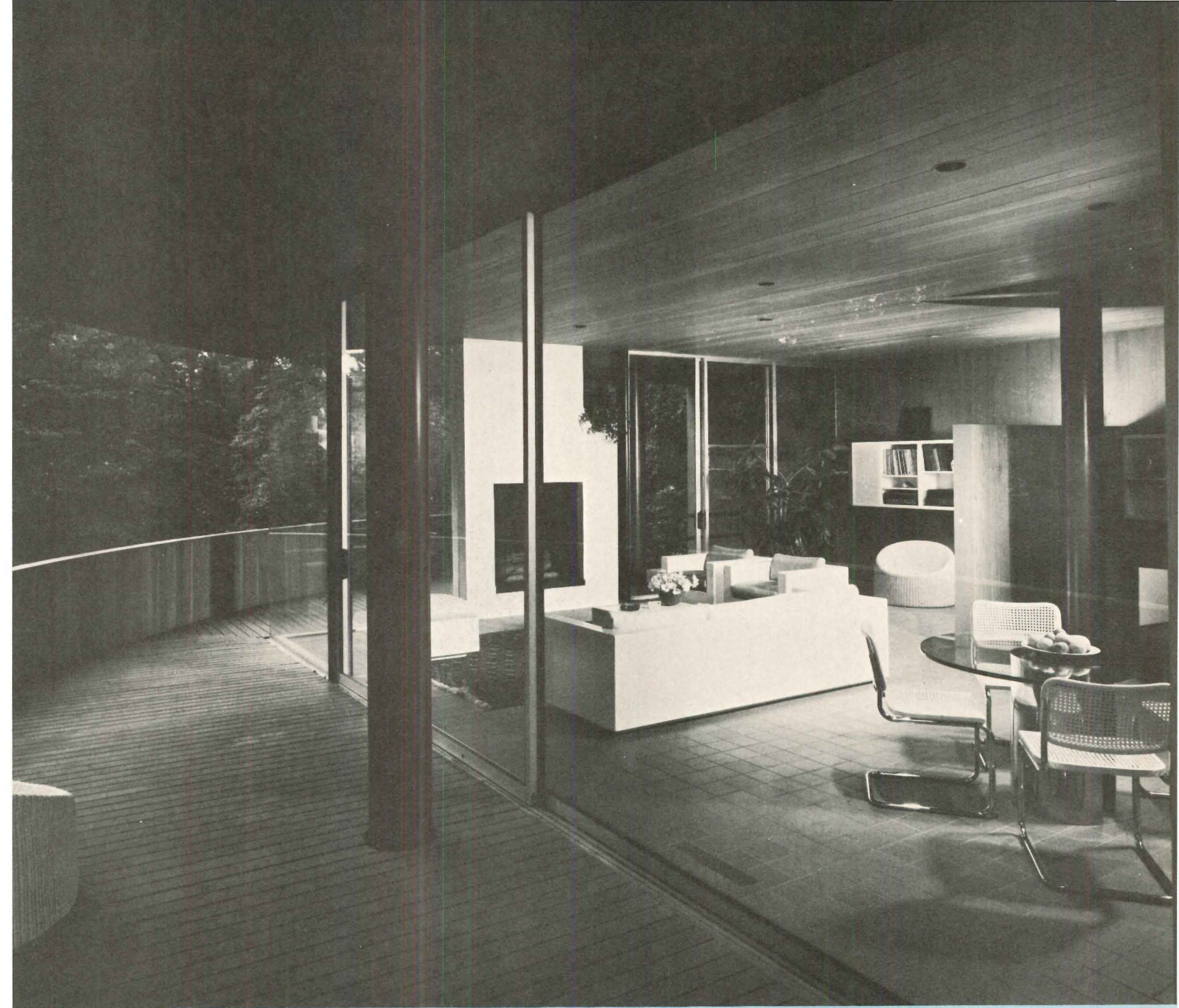




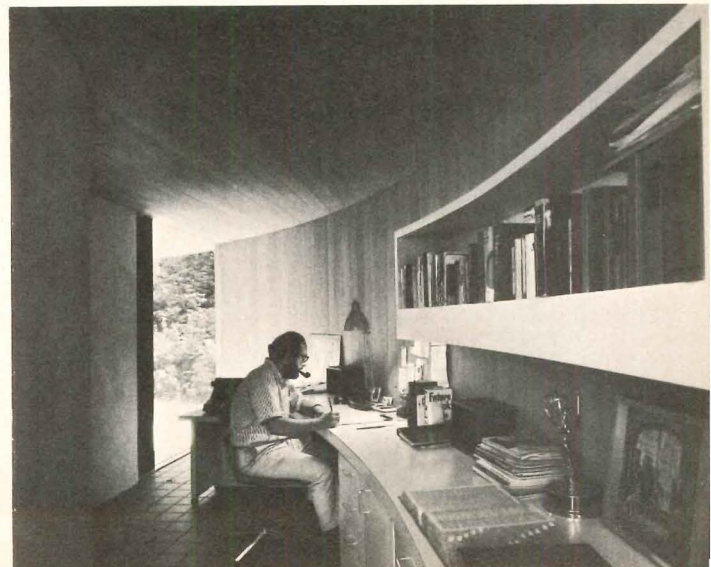
The pavilion-like quality of the Mandel living-dining room is revealed when one reaches the entrance (left), a tall space which fills the room with morning sunlight. The column at the head of the stairs supports a beam which generates a forceful diagonal. It also is the pivot point for the circular terrace and other concentric circles, such as the kitchen wall (below) into which the table butts. The glazed walls of the pavilion (right), in contrast to the kitchen, are well shaded by the deep overhang. Thus, for the person looking out at the trees, sky glare is eliminated to better display ever-changing nature.







In his study (below) Loring Mandel wrote for *The New York Times*: "This house was designed to take the smallest part of the land, to catch the sun exactly right, to feed the eye with natural surfaces and unobstructed views of the valley. We love it."







Jeremiah O. Bragstad photos

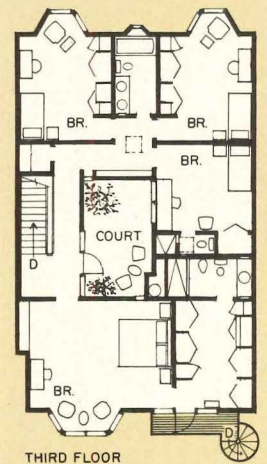
A two-story garage and ballroom structure adjacent to a large San Francisco house has been remodeled and enlarged into a three-story urban residence.

Starting with two solidly-built clear span spaces, architect John Field has reworked the structure to allow addition of another floor and has opened the north elevation (above) to the dramatic views of San Francisco Bay. The large bay window, serving living room, dining room and master bedroom on respective floors, is echoed on the street facade by smaller bays (opposite above).

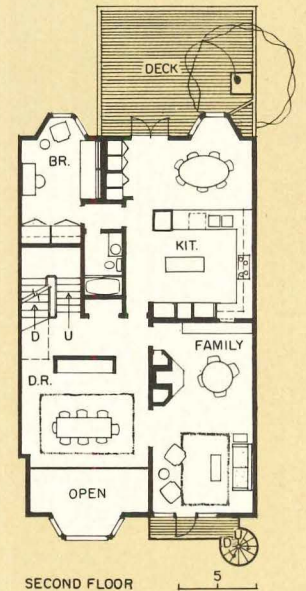
Great care was taken to relate interior spaces to each

other, to the views and to the sun. Because the rear play yard seldom receives sun, a south-facing second floor deck above the driveway was added. On the third floor, a tiny open court catches sunlight for the interior bedroom. Cedar shingles tie old and new parts of the building together and the new house to the old one.

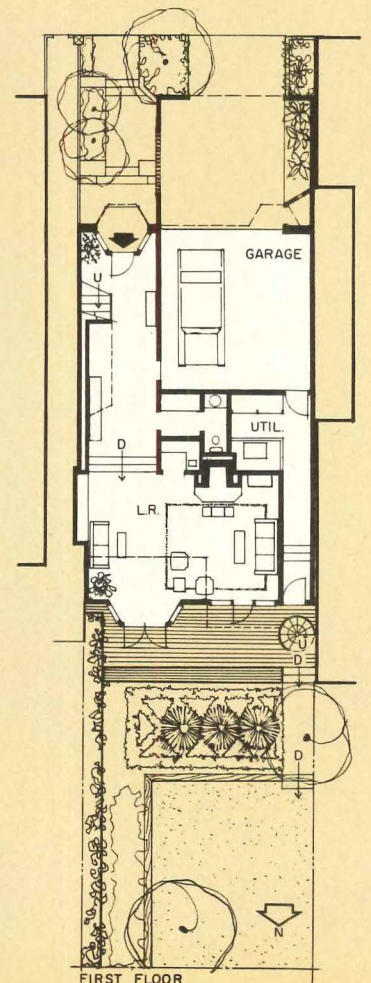
*Architect:* JOHN LOUIS FIELD of Bull Field Volkmann Stockwell partner-in-charge. *Owners:* Mr. and Mrs. Murray Waldman. *Location:* San Francisco. *Engineers:* Pregnoff, Matheu, Kallam, Beebe (structural); O'Kelly & Schoenlank (mechanical). *Landscape architect:* Thomas D. Church. *Contractor:* Lester Lipinski.



THIRD FLOOR

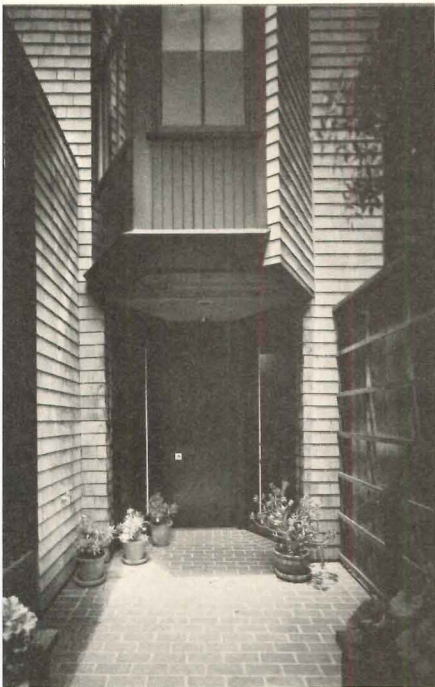


SECOND FLOOR



FIRST FLOOR

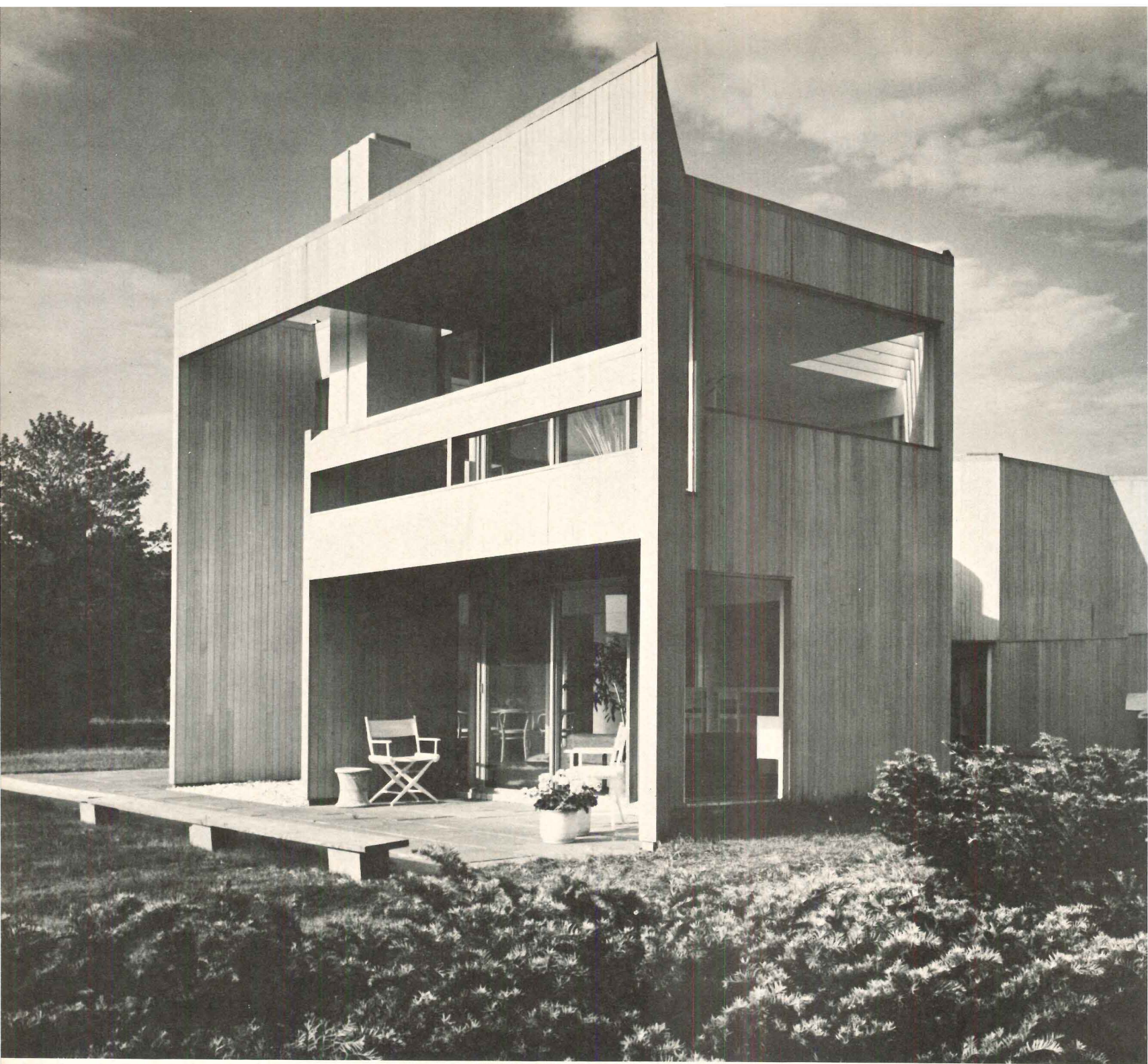




The kitchen-breakfast room, (above) and entry (left) face south, but the most dramatic space in the house faces north toward the Bay. The splendid two-story bay window (right) is part of the new construction added to permit four bedrooms on the top floor. The living room floor was lowered to grade (below) to allow maximum ceiling height and a new parquet floor installed.





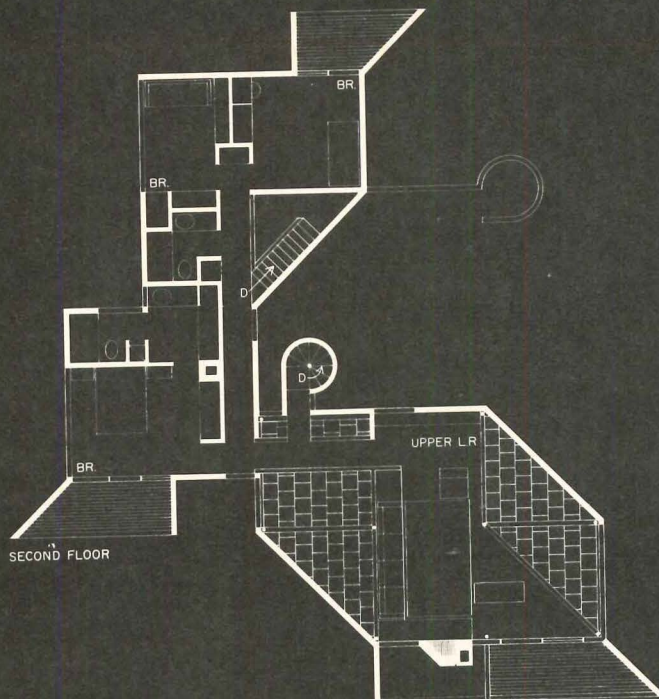


At first glance, the plan of the Stephen Kaplan house in Easthampton, New York may seem no more than a modish exercise in diagonal geometry. Two characteristics of the site, however, make it work very well indeed. First, it is set in a landscape nursery whose shrubs and trees have a strong linear pattern. The vertical lines on the plan (opposite) relate to that geometry. Second, the major diagonals, especially in the family-living room wing, are parallel to the prevailing breezes. In August, when everyone else has closed up the windows and switched on the air conditioner, this house is full of gently moving air. Barbara and Julian Neski

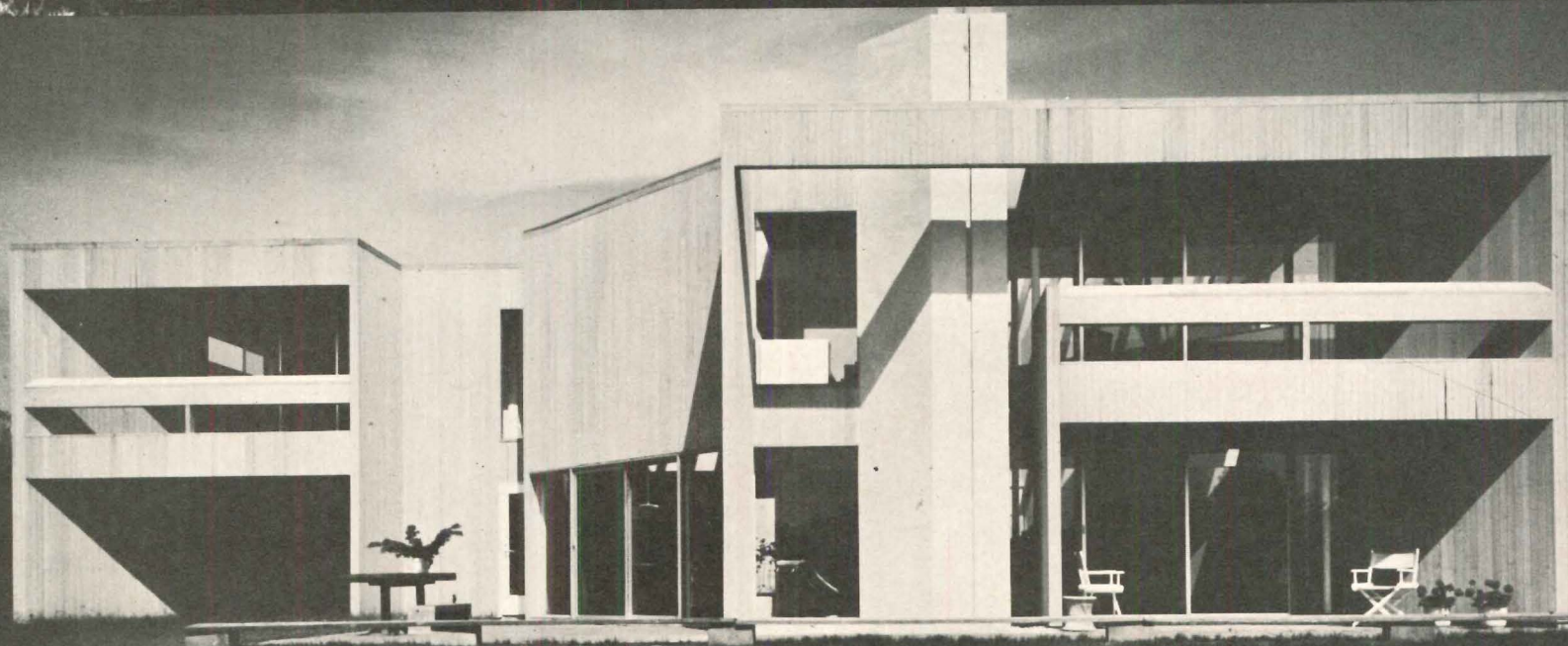
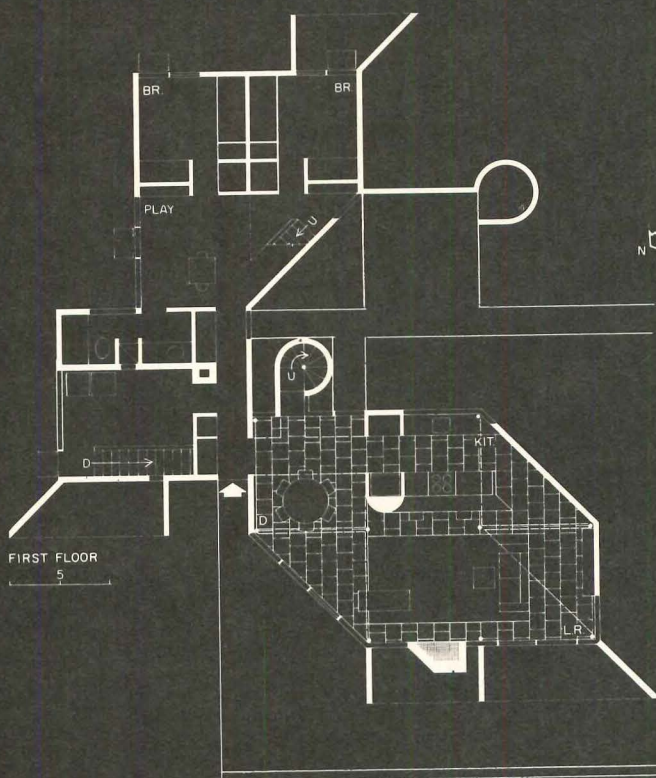
have played with that openness in visual terms as well. The angular, rather massive facade that visitors approach from the south literally dissolves into a space, (overpage) so filled with light that it hardly seems enclosed at all. The substantial exterior forms of bleached cedar siding contrast with a white interior that has two enormous triangular skylights. One of them can be seen (above) casting afternoon shadows high on the living room wall.

*Architects:* BARBARA AND JULIAN NESKI. *Owners:* Mr. and Mrs. Stephen Kaplan. *Location:* Easthampton, New York. *Engineers:* Stanley Gleit (structural); Weber & Grahn (mechanical). *Contractor:* Peter Wazlo.





The plan is organized into three two-story areas. The family-living room-kitchen, one large space, is to the right of the spiral stair and entrance. The parent's bedroom atop a utility room is to the left. Above that is a wing with four children's or guest bedrooms and a playroom. It can be shut off from the other areas by closing two doors. The square grid that shapes the house is apparent in the walls that divide up the bedroom wings. It is also expressed in the large space by a post-and-beam structure that stands free of the walls. The circular stairwell and outdoor shower also contrast with the grid.





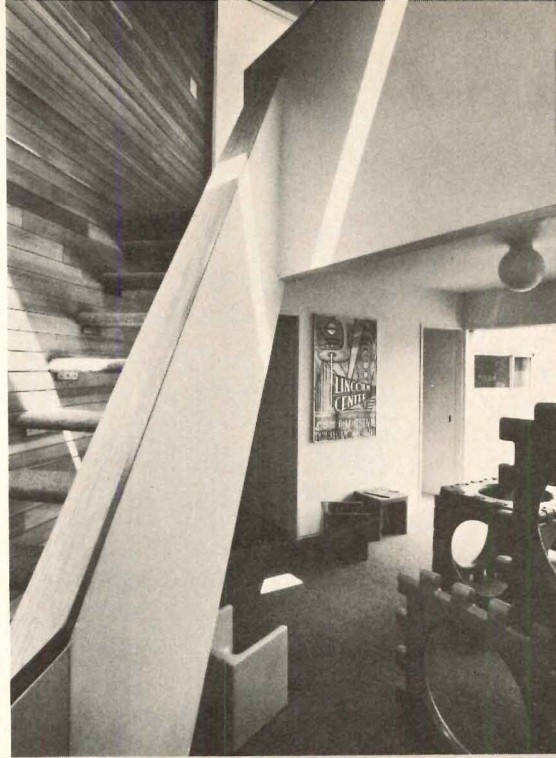


"The family-living room wing is meant to be an active, dynamic light-filled space; the system of columns, beams, skylights, open wells and glass combine to provide a setting for family activity and entertaining on two levels," say the Neskis. Four views from differing heights and positions within the space testify to the excitement of the room. The upper area is meant to be used for quieter entertaining in conjunction with the parent's suite.

William Maris







The stairway in the children's wing (left), with open risers and a solid baluster, is a playful switch on usual practice. The white door at the head of the stairs and the one beneath separate the children completely from the rest of the house when that is desired. The parent's bedroom (above) has its own large balcony. It is near the children yet connects, by a bridge, directly to the upper level sitting area in the family-living room wing and to the first floor by the circular stair.





A simply-constructed wood barrel vault transforms this straight-forward post-and-beam vacation house into an elegant residence. Perched above a rambling creek near Wausa, Nebraska, the \$20,000 building by architect Neil Astle makes use of folding doors to provide a maximum of five sleeping rooms. Triple 2 by 12 Western red cedar beams running the long dimension of the house as floor structure, both ways as roof structure, and supported by columns made up of two 2 by 10s and a 2 by 8 spacer, form the basic grid. Two-by-six decking is used on both roof and walls to enclose it.

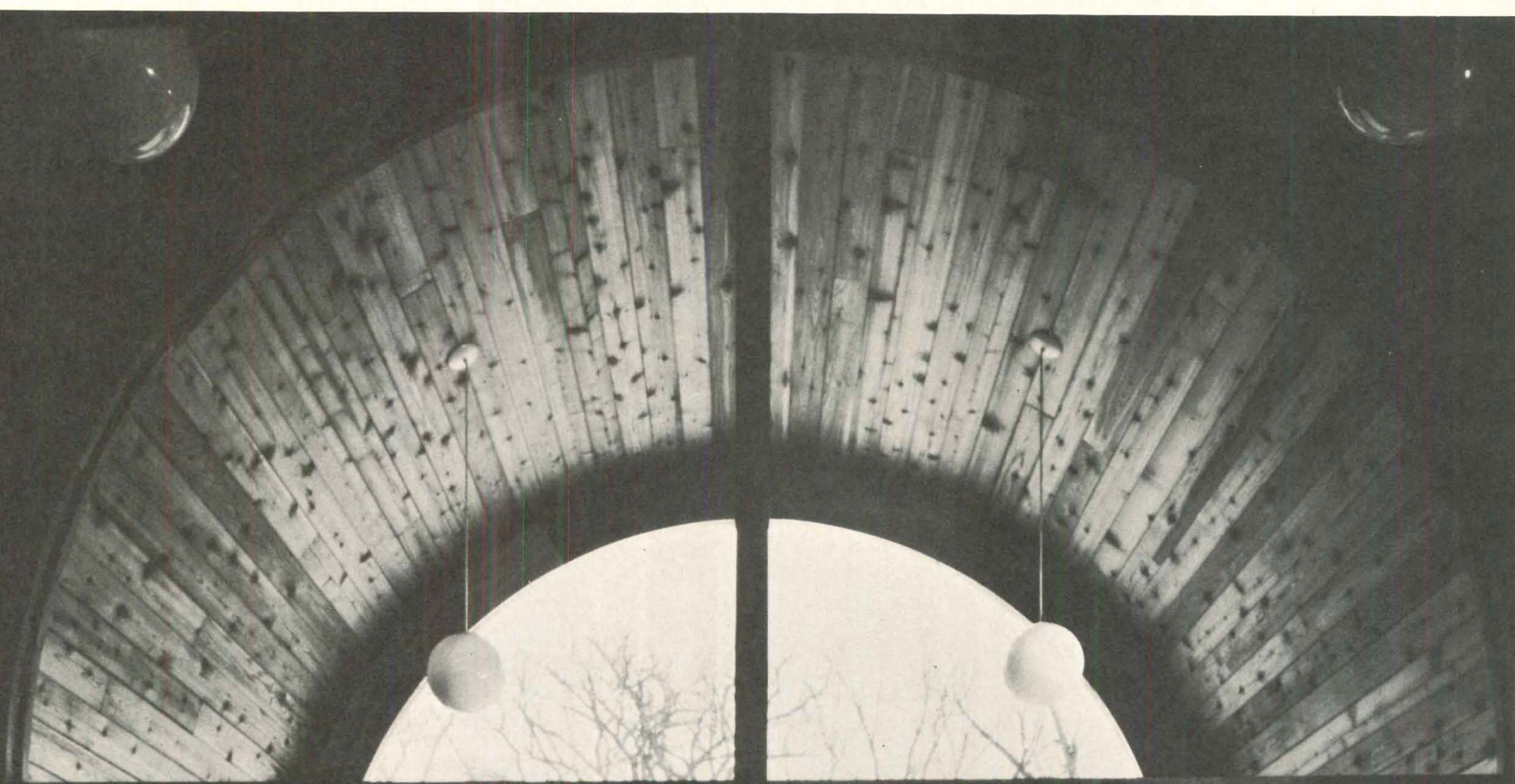
The four semi-circular trusses which form the 15-foot diameter barrel vault (right) also use 2 by 12s. The paired curved sections cut from them have a two layer inner core of  $\frac{3}{4}$ -inch fir plywood all of which is glued (with exterior glue) and nailed together. All joints are carefully staggered; the semi-circular elements are braced by a double 2 by 12 bottom chord and a kingpost of 2 by 4s either side of a center 2 by 2 that interlocks top and bottom. Four-ply built-up roofing is used everywhere topped with gravel on the flat portion and roll roofing on the vault. A similar arched pergola of spaced 4 by 4s over the deck is planned for the future to deal with glare from the sky.

*Architect:* NEIL ASTLE of Neil Astle and Associates. *Owner:* Dr. and Mrs. R. L. Tollefson. *Location:* Wausa, Nebraska. *Engineer:* Robert Sullivan (mechanical). *Carpentry contractor:* Arnold Prather.

Heidrich-Blessing photos











Julius Shulman photos

Seen from Narragansett Bay, (above), this elegant house seems to have been around as long as any of its late nineteenth-century neighbors. Huygens and Tappé have used the cedar-clad roof volumes with knife-edged eaves to capture a special regional quality and to anchor the relatively small house securely to its open site.

Yet the plan reveals a relaxed openness that can only be found in houses of our time. Recognizing that few will arrive except by automobile, the architects have used the entrance gallery to connect garage to house and to create a court protected from offshore winds.

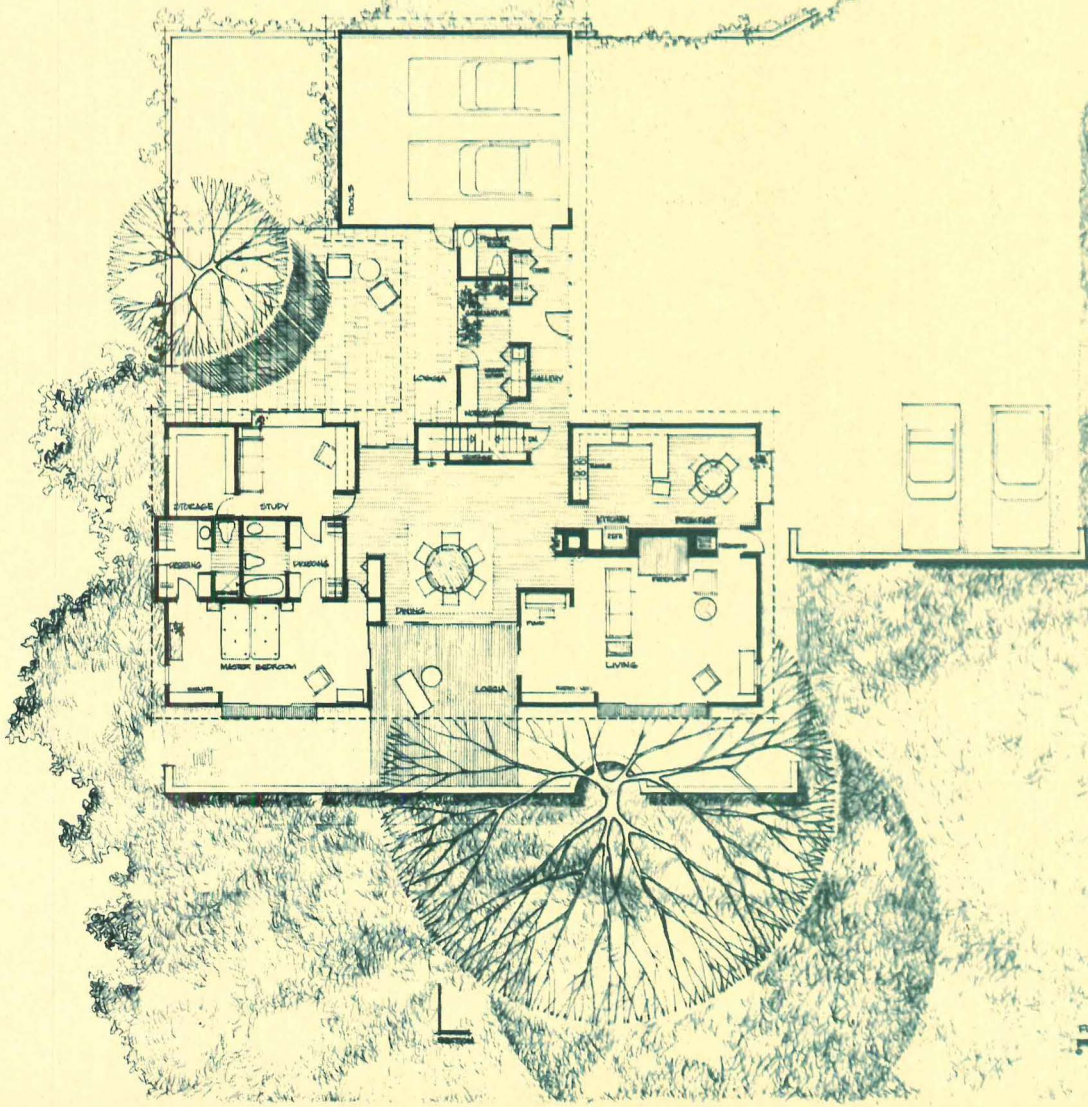
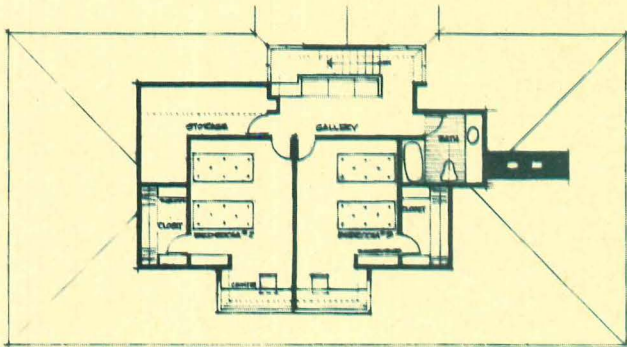
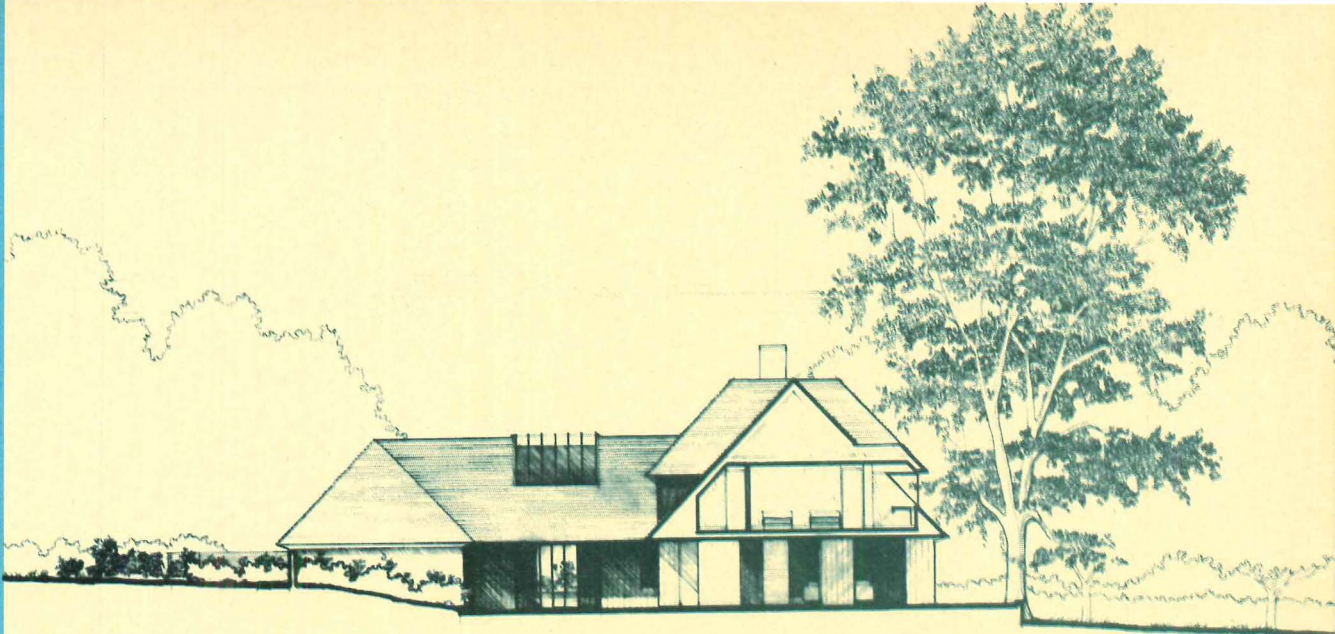
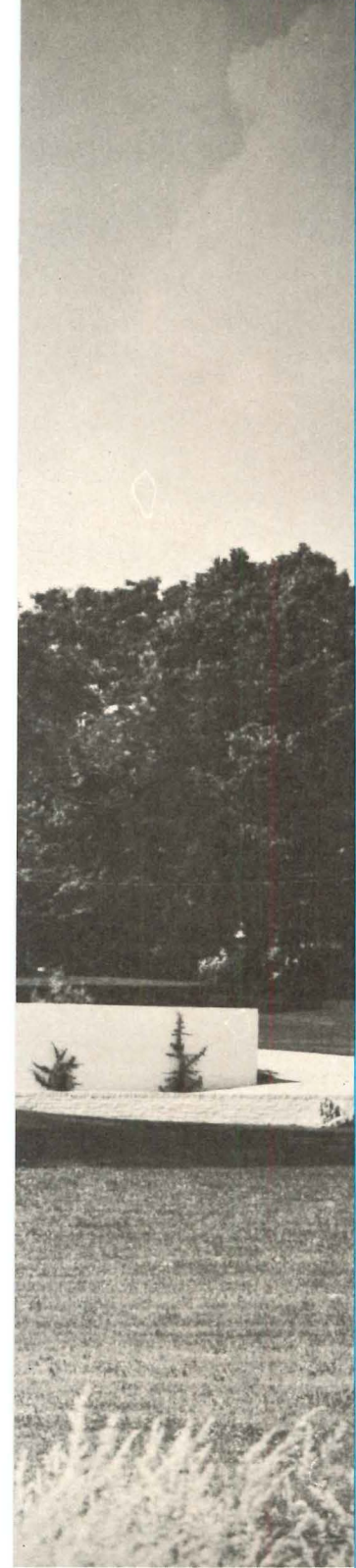
Occupied most of the time by only two people, the house is complete on one floor. Upstairs, two bedrooms which share a bath and a small sitting area are provided for visits of children who no longer live at home. A dining table designed by the architects opens to accommodate all of them.

The materials are limited, but rich. Walls on the exterior are white-painted boards and battens, on the interior, white plaster. Floors in the entrance gallery, kitchen and dining room are Welsh quarry tile, carpet elsewhere. To mitigate mid-day glare from the bay, all ceilings are wood: matte-finished birch

paneling with battens. Given the quietly eclectic furnishings, the effect is again reminiscent of a turn-of-the century house at the shore. On the approach facade (overpage), rain-washed white paint from a massive brick chimney has stained the cedar shingles, a patina which helps the house seem mature.

-----  
*Architects:* REMMERT HUYGENS and ANTHONY TAPPÉ of Huygens and Tappé, Inc., Terry A. Cracknell, job captain. *Location:* Barrington, Rhode Island. *Engineers:* Souza and True (structural), William R. Ginns (mechanical), Lottero and Mason Associates, Inc. (electrical). *Contractor:* E. J. Sevigny Construction Co.

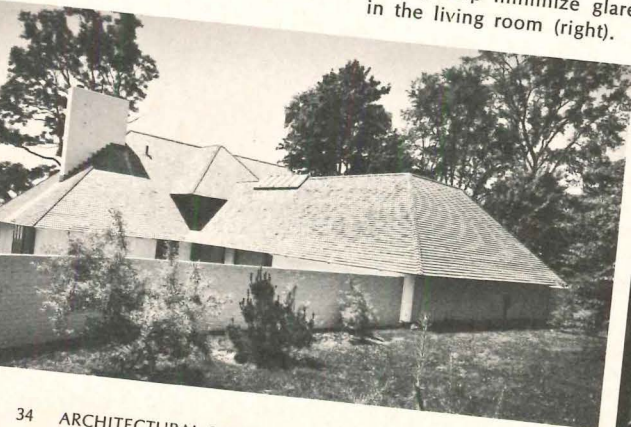








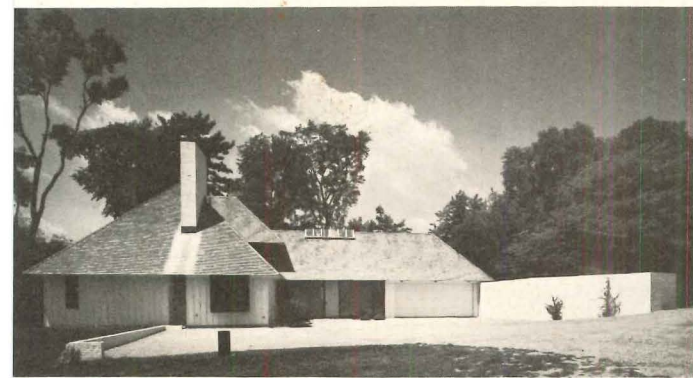
The skylight (above) not only illuminates the entry hall, but lightens the profile of what might otherwise have been a forbiddingly heavy roof. Wide overhangs and the dark ceiling help minimize glare in the living room (right).



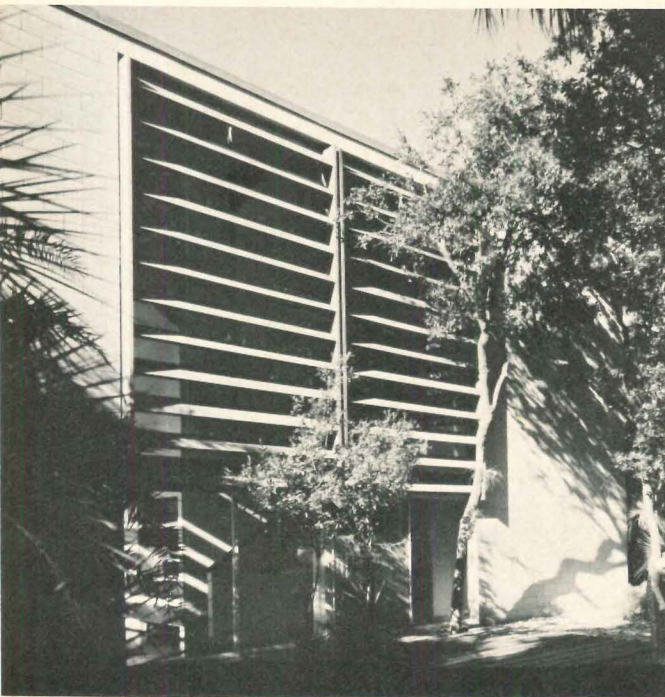




The stairway to the second floor bedrooms (right) and the upstairs sitting area are lit by corner dormers on the garden side (above) and the entry side (below) of the roof which connects the house and garage.



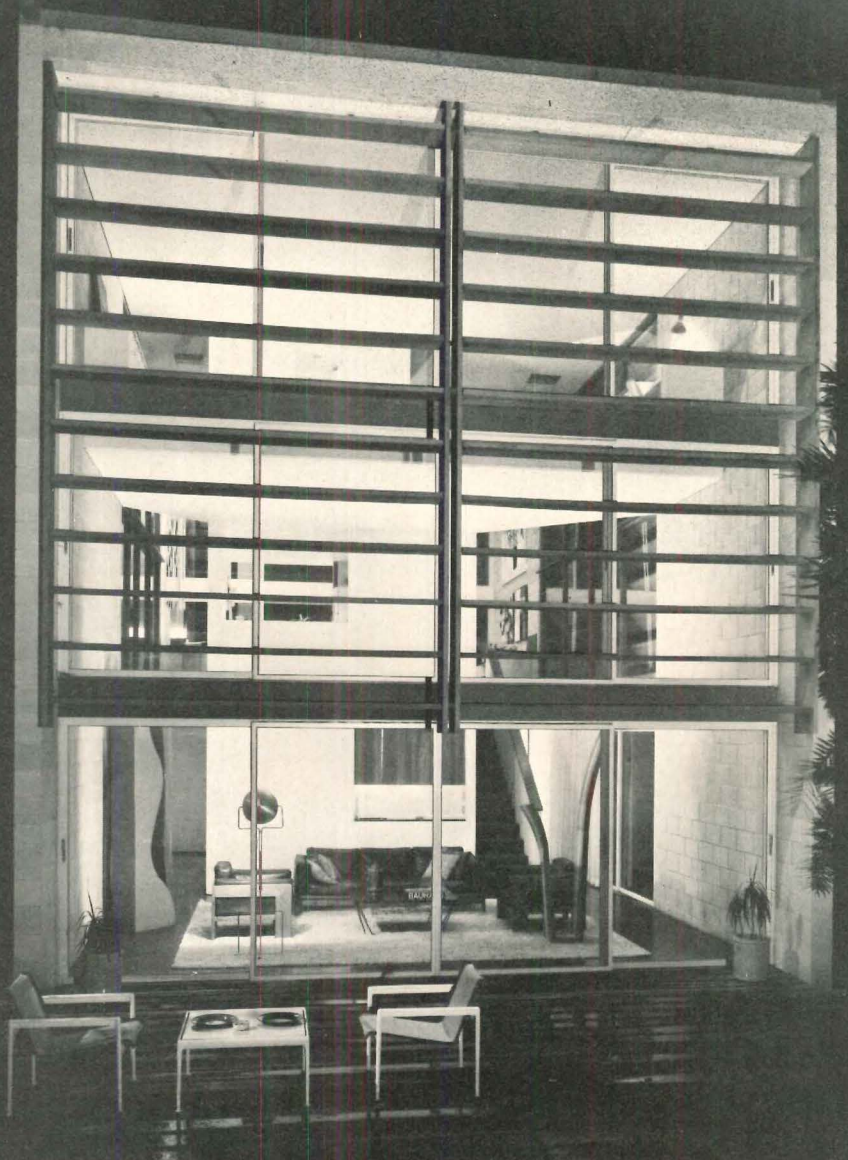
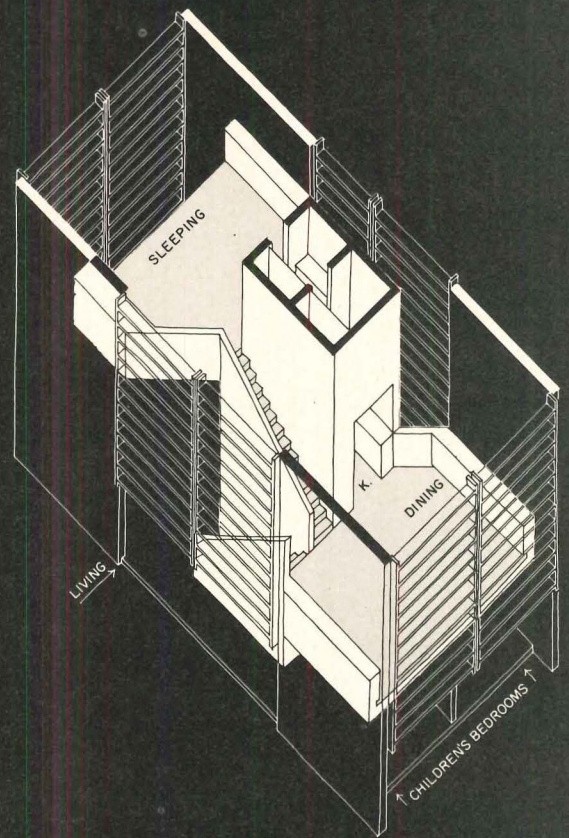




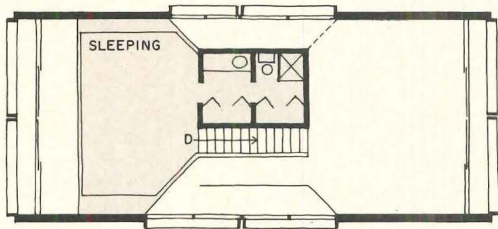
Architect Dwight Holmes' house on Tampa Bay seems very much at home in what he calls "a near perfect example of semi-tropical environment: moderate temperatures, bright sun, generous rainfall and daily breezes off the Bay and Gulf." Placed well back from the street on a long and narrow lot, the house looks east across the open bay. Largely solid side walls of unfinished concrete block screen the house from uncertain future development on adjoining properties. The end elevations, however, are completely transparent. Four-panel sliding aluminum window walls stacked three high (right) form those facades. To control sun and to provide protection from tropical storms, a system of adjustable redwood louvers has been provided. The louvers have a shadow texture whose scale is adequately proportioned to the masonry planes. Within the severe rectangular volume, Holmes has created an appropriate openness by placing the dining and master bedroom platforms on the second and third floors at opposite ends of the plan, permitting two-story spaces for both living and dining rooms. The central utility core is designed to minimize interruptions of ventilation flow. Including central air conditioning for periods of intense heat and humidity, the house and a small studio behind it of similar construction cost \$28,000.

Architect and owner: DWIGHT E. HOLMES. Location: Tampa, Florida. Contractor: Ranon and Jimenez.

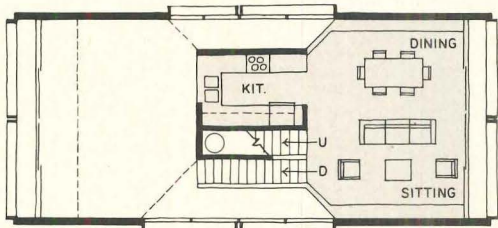
Wade Swicord photos



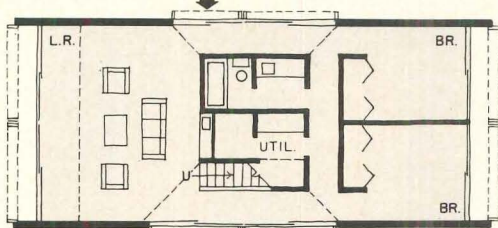




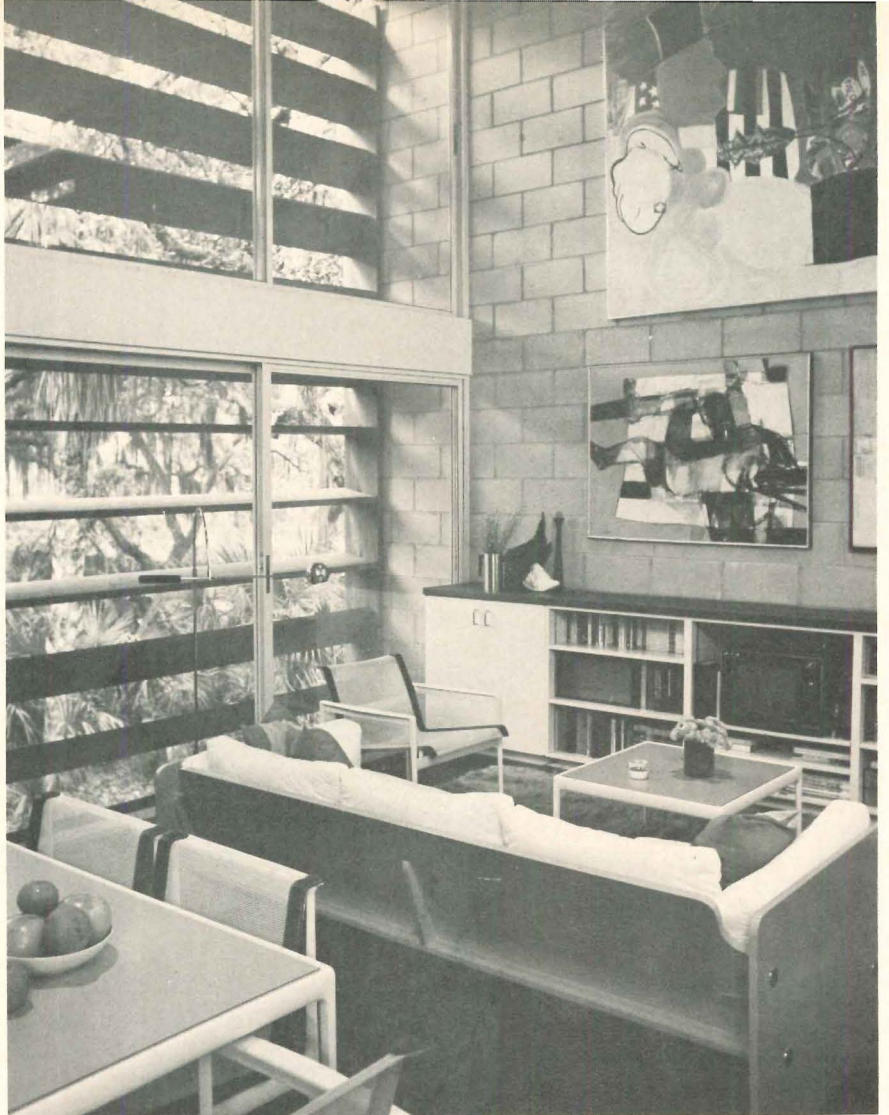
THIRD FLOOR



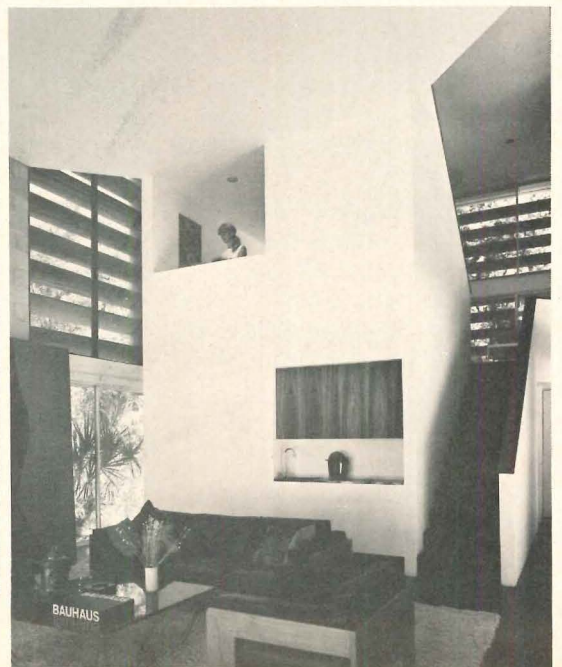
SECOND FLOOR



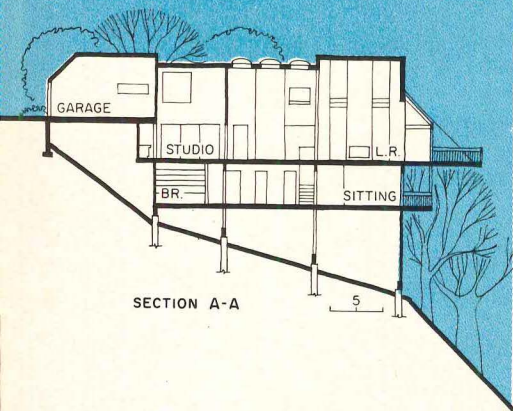
FIRST FLOOR



Alternating platforms above the ground floor (section left) create two-story spaces in the living room (below) and the dining room (above). The interior kitchen, open at both ends (right), is well-ventilated and has a good view of activities in the living room as well as outside on the terrace and the adjacent beach.







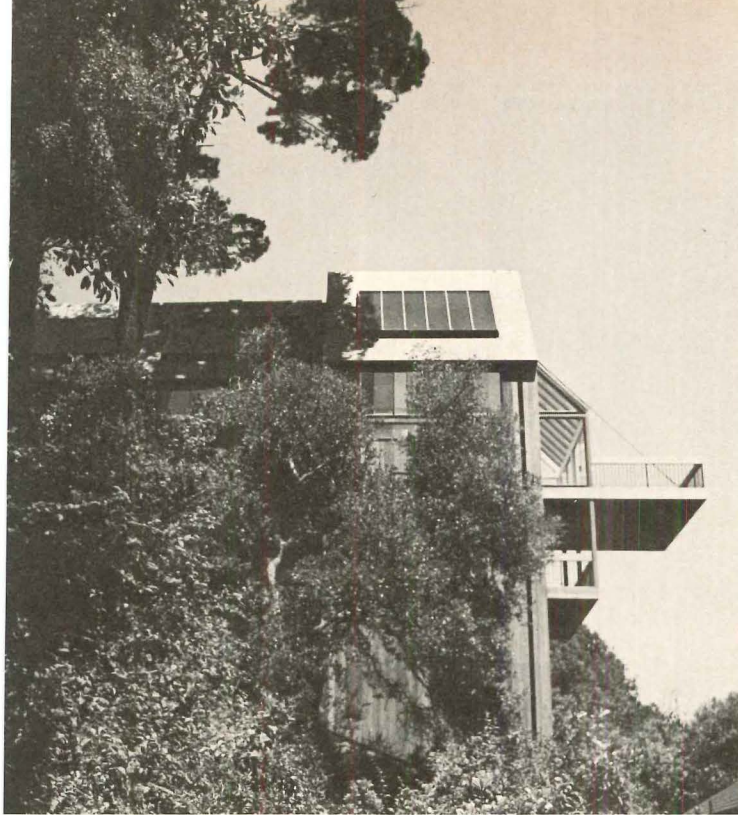
A steep and picturesque site above the San Francisco Yacht Club on Belvedere Island is the location of architect Rod Friedman's own house. In addition to concern for preserving the stands of oak, eucalyptus and pine on the hillside, he was limited by city ordinance to a two-story scheme. Thus, instead of the compact three- or four-story design one might expect, he has developed a more horizontal concept. Unfortunately, a large volume of enclosed space under the house cannot legally be occupied. Nonetheless, by using an audaciously structured deck and an elegant greenhouse-like solarium, Friedman has made the most of the situation.

The dining room, living room and library, which occupy the most prominent volume of the house (right) are meant to be places where the family gathers and where parties are held. In addition, each family member has his own private space. For the parents, there is a suite on the lower level which includes a sitting room and smaller deck. The wood-framed house is sheathed in vertical re-sawn redwood boards left to weather, a contrast to the white interior walls.

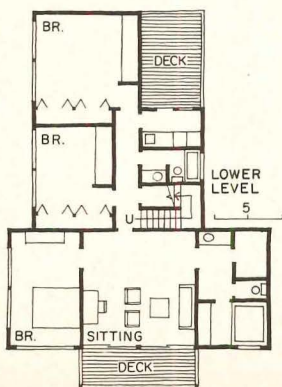
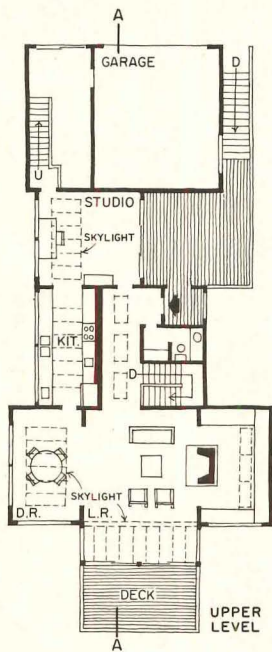
*Architect and owner:* RODNEY F. FRIEDMAN of Fisher-Friedman Associates. *Location:* Belvedere, California. *Engineers:* L. F. Robinson and Associates (structural); Harding Miller and Associates (foundations). *Contractor:* Clancy Becker.







An adjustable 3/4-inch cable each side of the solarium (above) supports the flying deck. From it (above right), one has a remarkable view of the marina activities. From below, the sailors in turn can compare the structure with the rigging of their boats. The lofty living room (right) and the library beyond are filled with light during the day by skylights and large windows on all sides.



Fisher-Friedman photos





This house cost \$21,000. That's because architects Allan and Barbara Anderson designed and built it themselves. And perhaps even more important, the completed house blends into its rocky site so well that it is almost invisible in summer to its split-level neighbors.

For the Andersons, it was an adventure and an education that any architect would envy. The 2¼-acre parcel had been on the market in Rye, New York for many years. Since one-third of it is under a pond, one-third right-of-way and one-third a 30-foot-high rockpile adjacent to the pond, it is no surprise that the price was very reasonable. The property is covered with

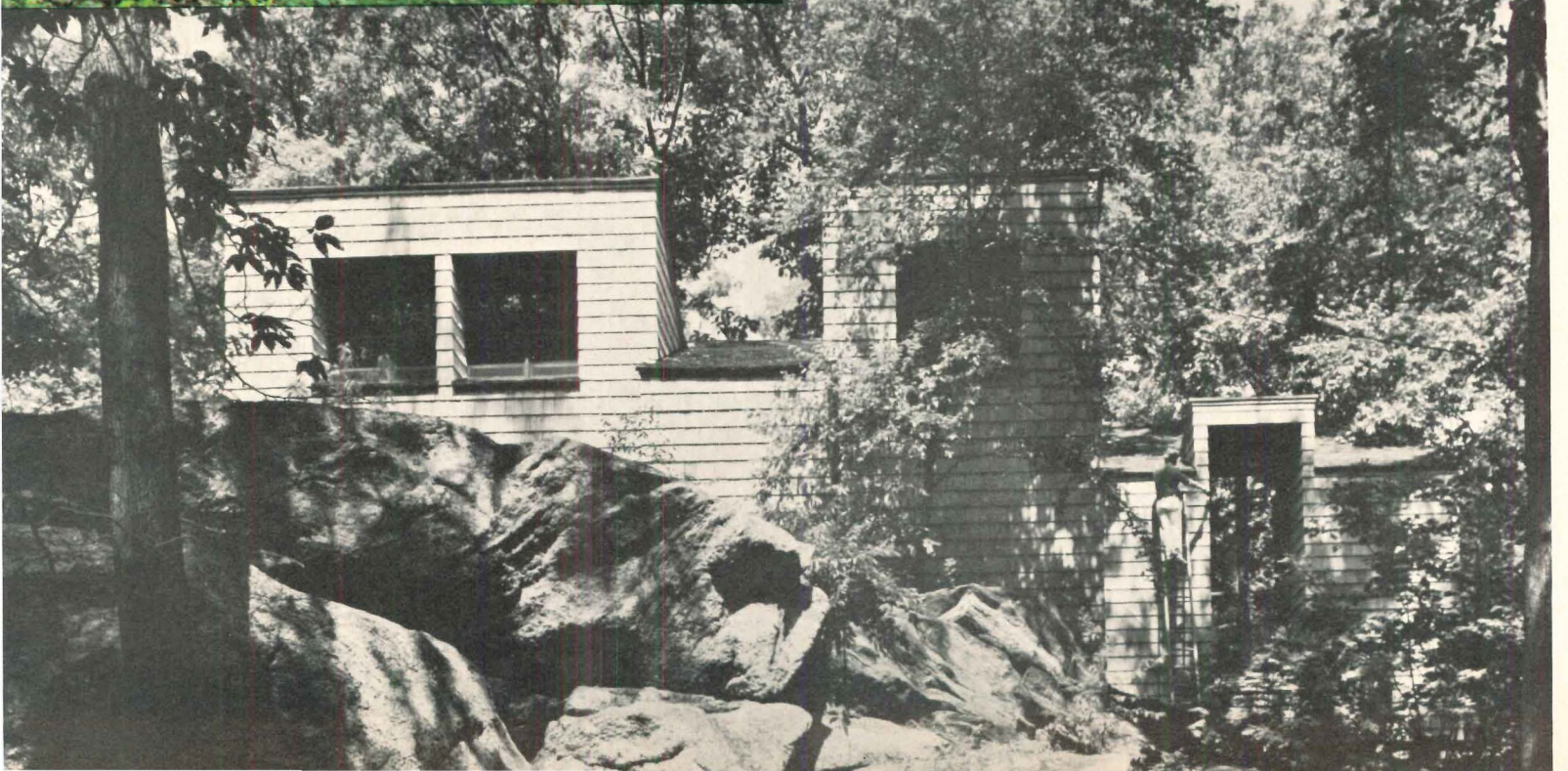
mature oaks and a wide variety of other plant life, and the Andersons made an especially careful survey and topographic model. The scheme, as developed from that, threads its way around the rocks and oaks, and opens out into the environment in every direction. Since very little of the existing ecology was damaged—it took them five months of hard-labor weekends to pin the foundations to the rocks as they found them—complete privacy and a sense of wilderness, in the midst of suburbia, has been maintained.

A single roof plane, above and upper right, sweeps from the ridge high on the rocks down toward the pond. It is in-

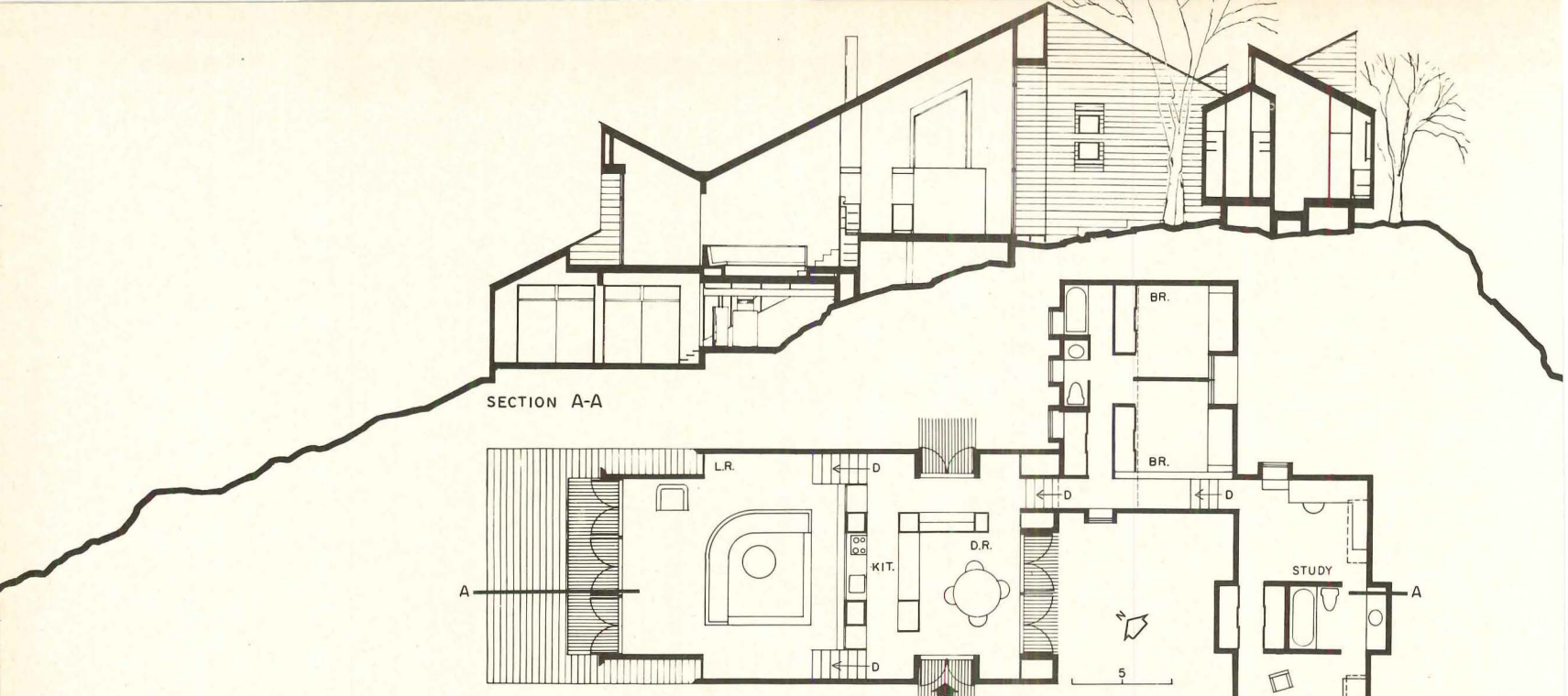
errupted only by a contraposed shed which shelters a living room balcony set into the main roof. At the upper end of the house (right), a series of smaller-scale shed roofs provide light and interesting interior space for bedrooms and the study where the two architects work side-by-side. "It was a rare opportunity," says Allan Anderson, "to learn by doing. And for my wife, in an area normally excluded to women by the profession—the building experience—it was uniquely valuable."

Architects, owners, engineers, interior designers and contractors: BARBARA and ALLAN ANDERSON.  
Location: Rye, New York.





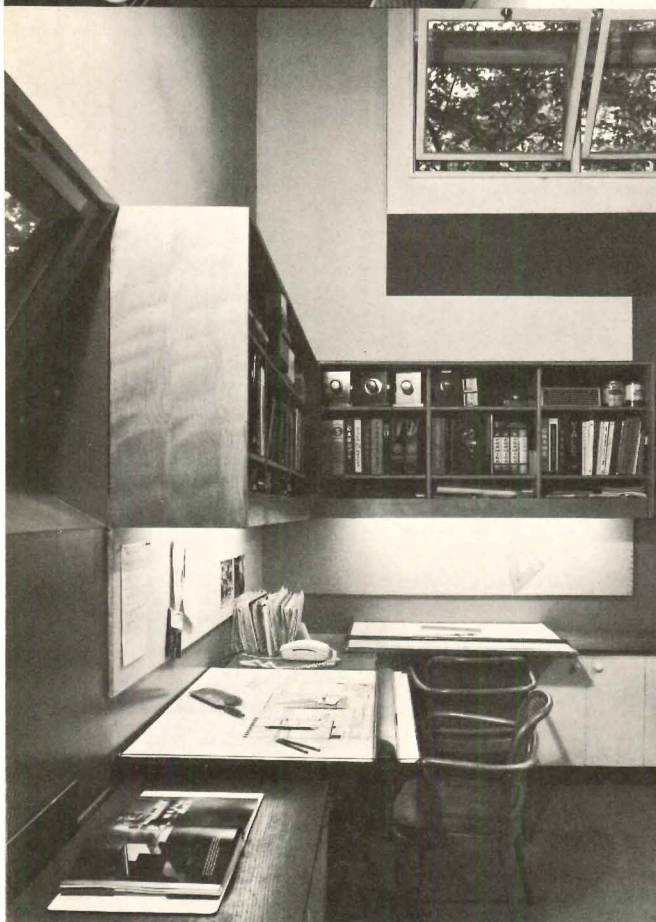




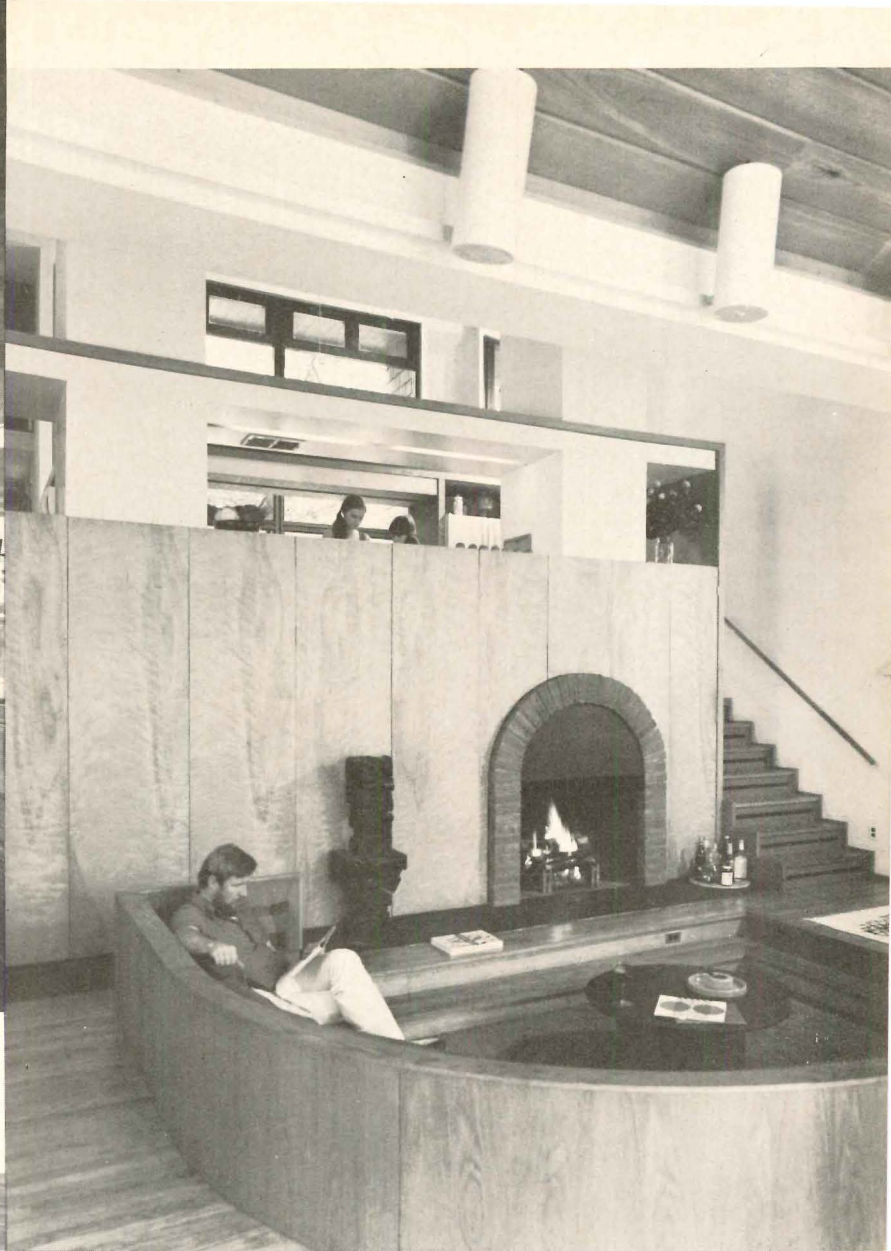
The three-part plan was derived from careful study of the site. The section indicates how little the existing rock profile was modified to accommodate the various levels. The bedrooms and study (below) have high ceilings and vistas up into the surrounding oaks.



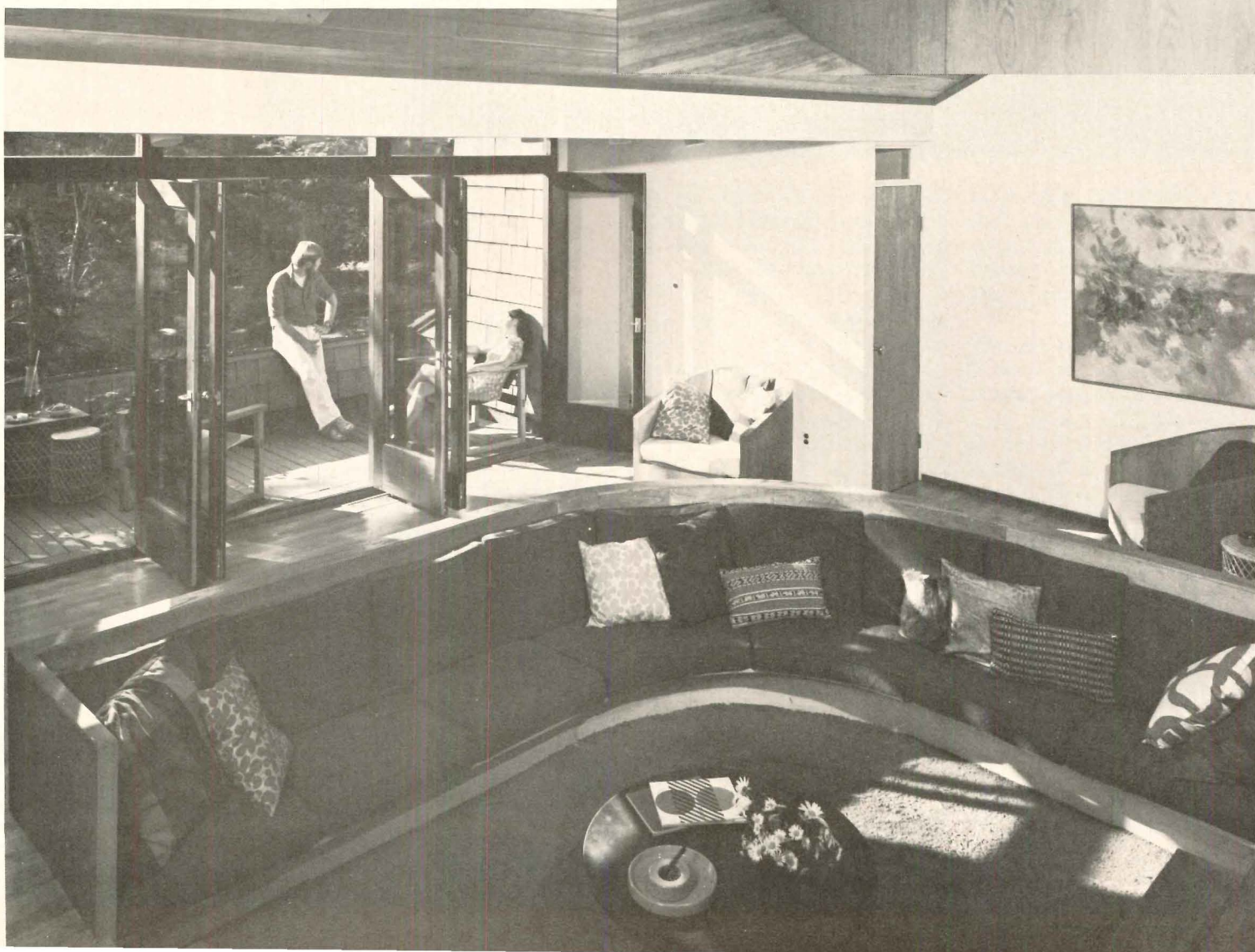
Ezra Stoller © ESTO photos



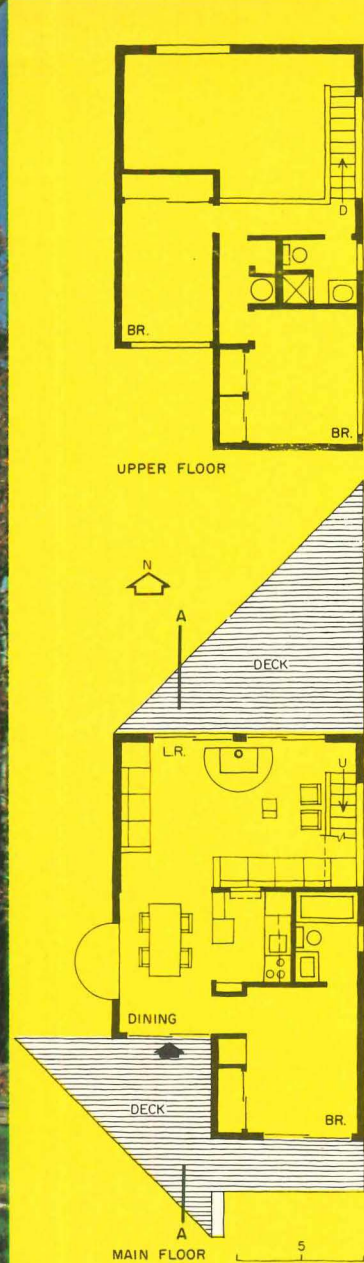




The living and dining spaces, both under the sweep of the main roof, each overlook the pond. From the kitchen which separates them, one can share in living room activities (right) yet the distraction of cooking is thoroughly hidden from guests. All built-in cabinet work is by the Andersons.







The tall living room (right) gives the house a spaciousness that is surprising given its size. Built-in furniture, interconnected spaces, and large windows looking into the woods in three directions also help expand the space. The section reveals a tiny, secluded roof deck reached by a ladder.

Last year architect Henri Gueron built himself this three-bedroom house (including equipment, insulated, and finished interiors, as well as site work) for \$15,000.

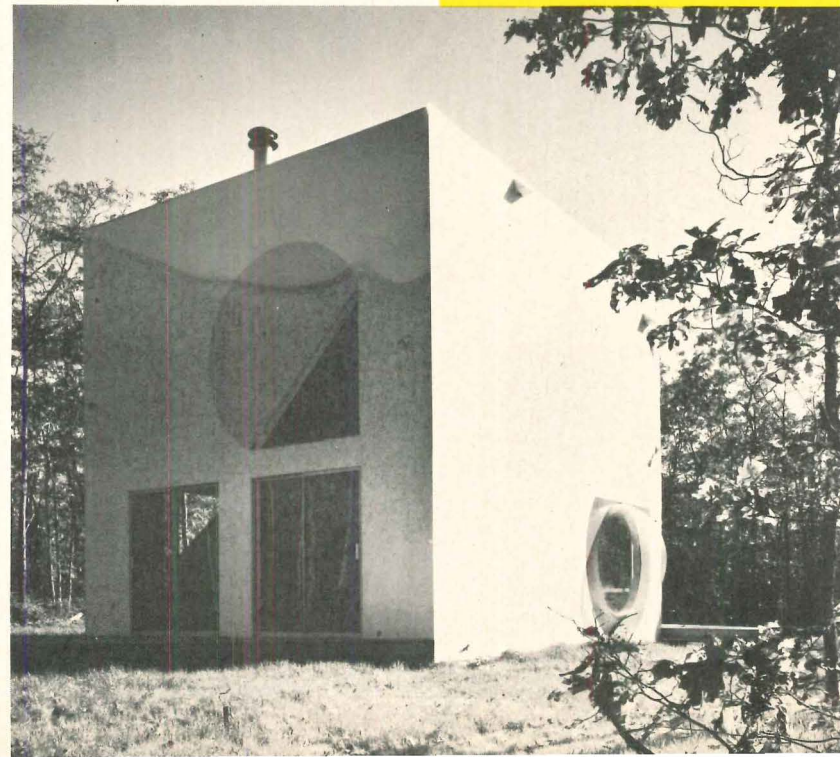
Gueron lists four ways by which he accomplished this feat: 1. Square footage was kept as low as possible, barely more than the zoning minimum of 975 square feet; 2. The house was designed on a 4- by 8-foot module, horizontally and vertically, since standard-size plywood was the ideal material for his design—both economically and esthetically; 3. Almost all prefabricated elements are also standard (the principal exception is the acrylic dome in the dining area which cost \$110); 4. He served as his own general contractor for an estimated saving of 20 per cent and detailed the house to be easy to build.

He estimates that done for a client using standard contract procedures, the cost would have been about \$25,000.

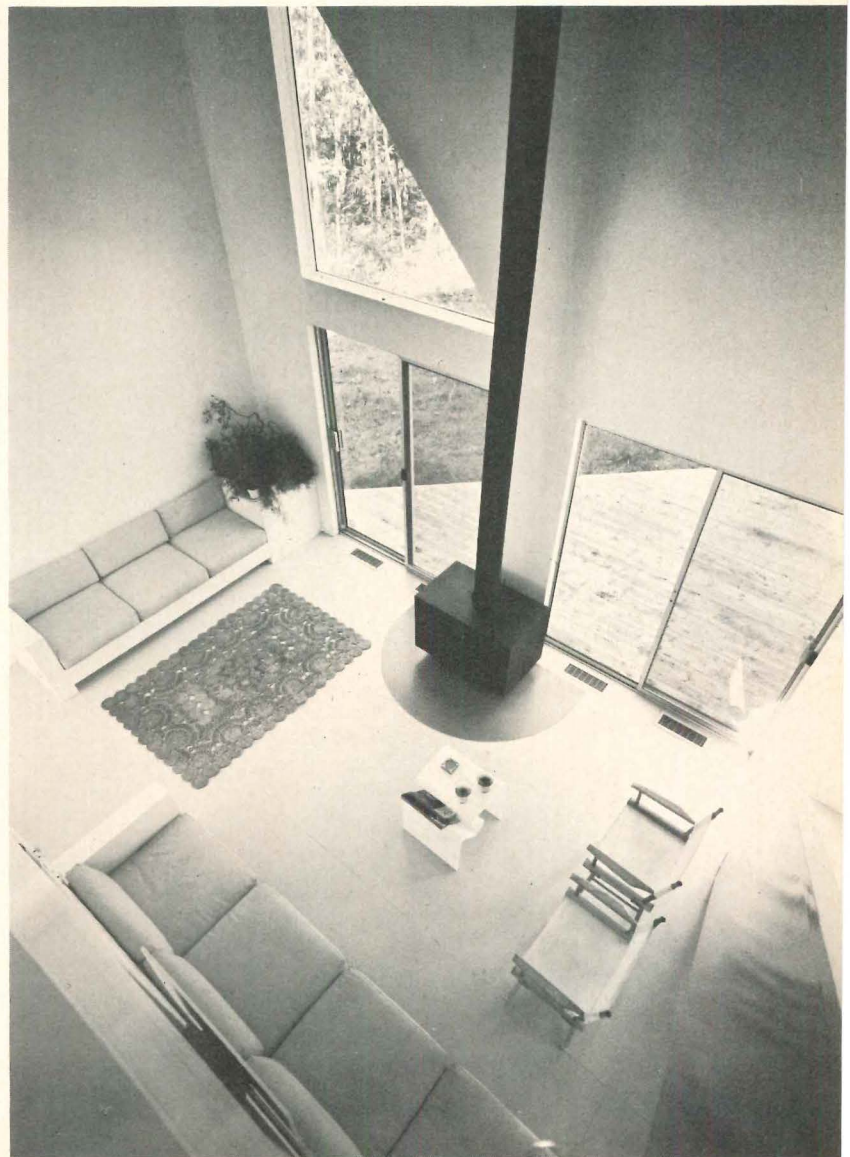
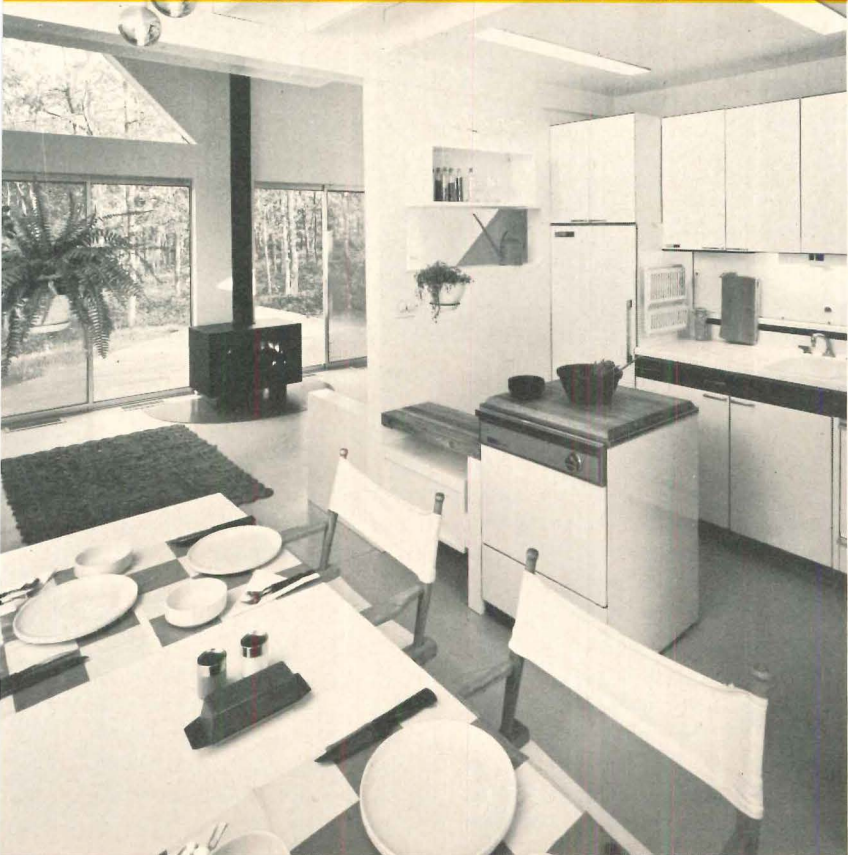
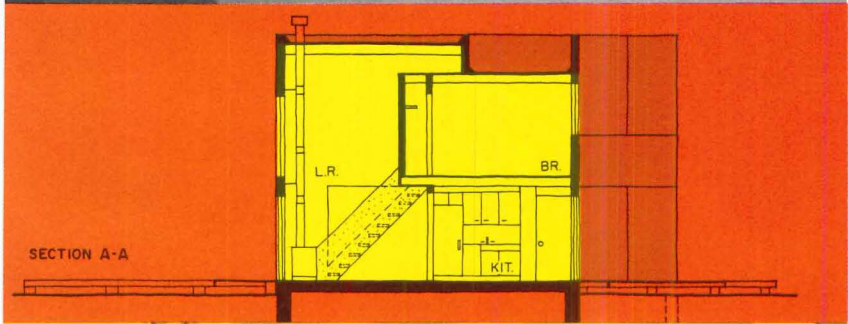
The crisp exterior is  $\frac{3}{8}$  in. resin-impregnated plywood applied to the studs. The caulking is a white elastomeric sealant. Two coats of latex acrylic semi-gloss paint were used both on the exterior and on the dry-wall interiors. Finally, the bright accent colors of epoxy enamel were added. Placed diagonally on a long narrow lot studded with the scrub oak typical of eastern Long Island, the house is invisible from the road in summer but during the gray winters provides a brilliant flash of color for passers-by.

Architect and owner: HENRI GUERON of GUERON and LEPP. Location: East Hampton, New York. Engineer: Ken Smith (electrical).

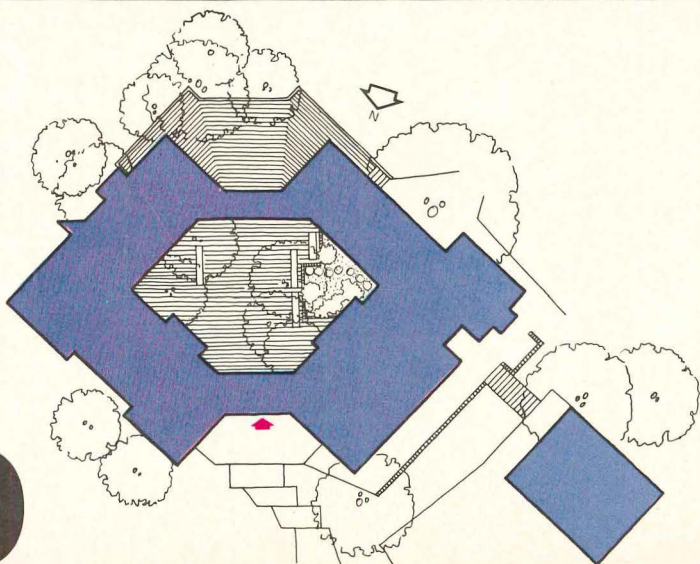
Ben Schnall photos









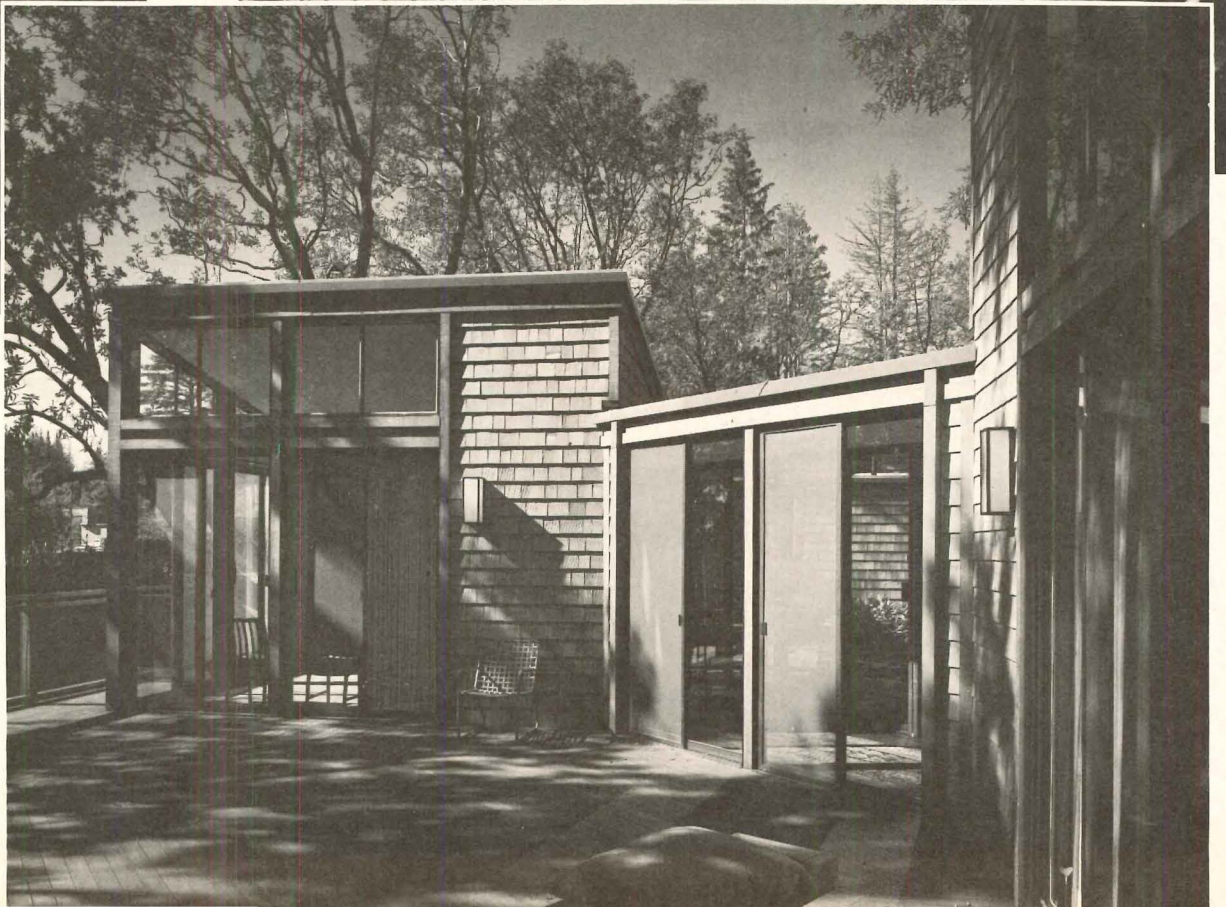
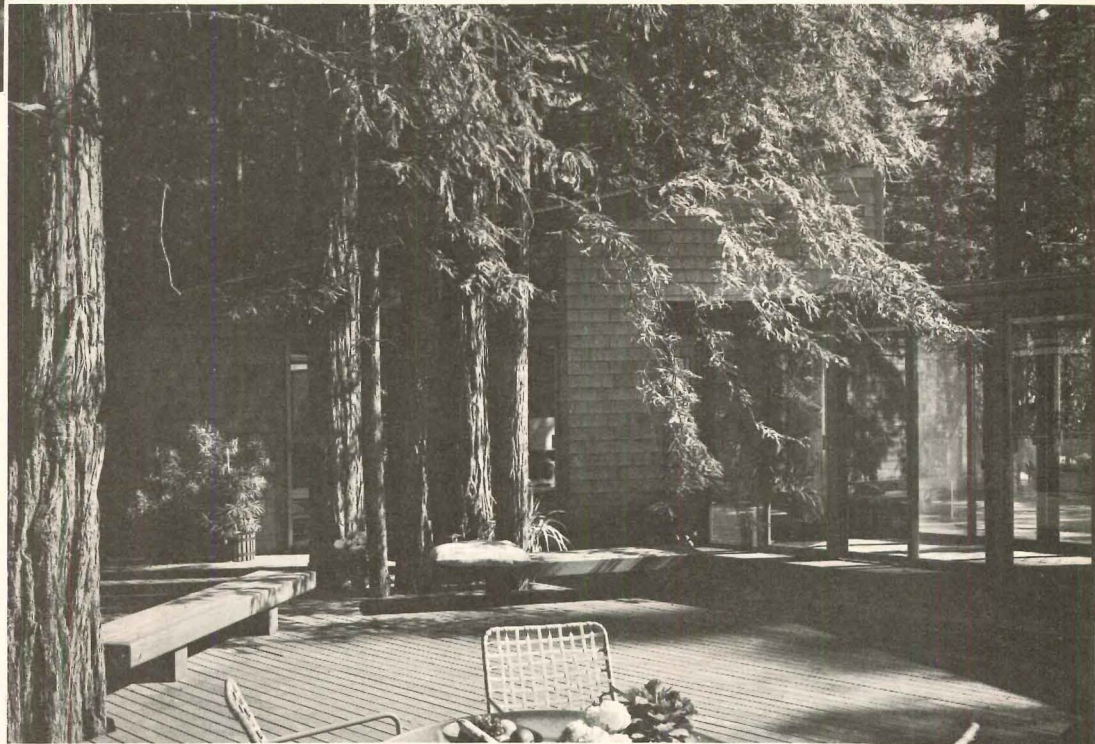
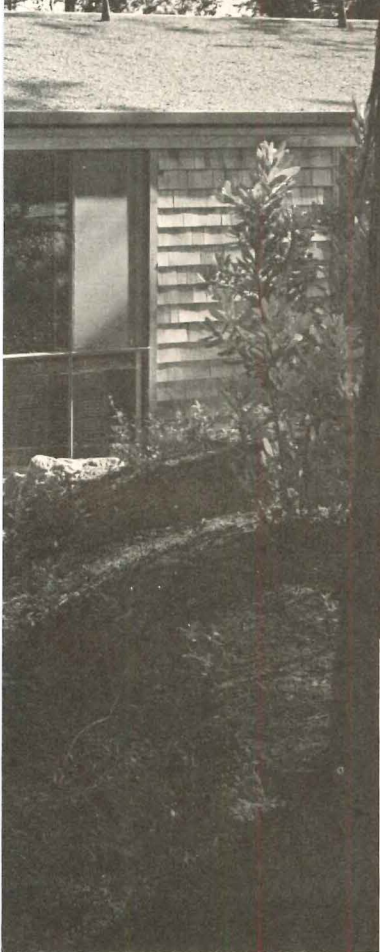
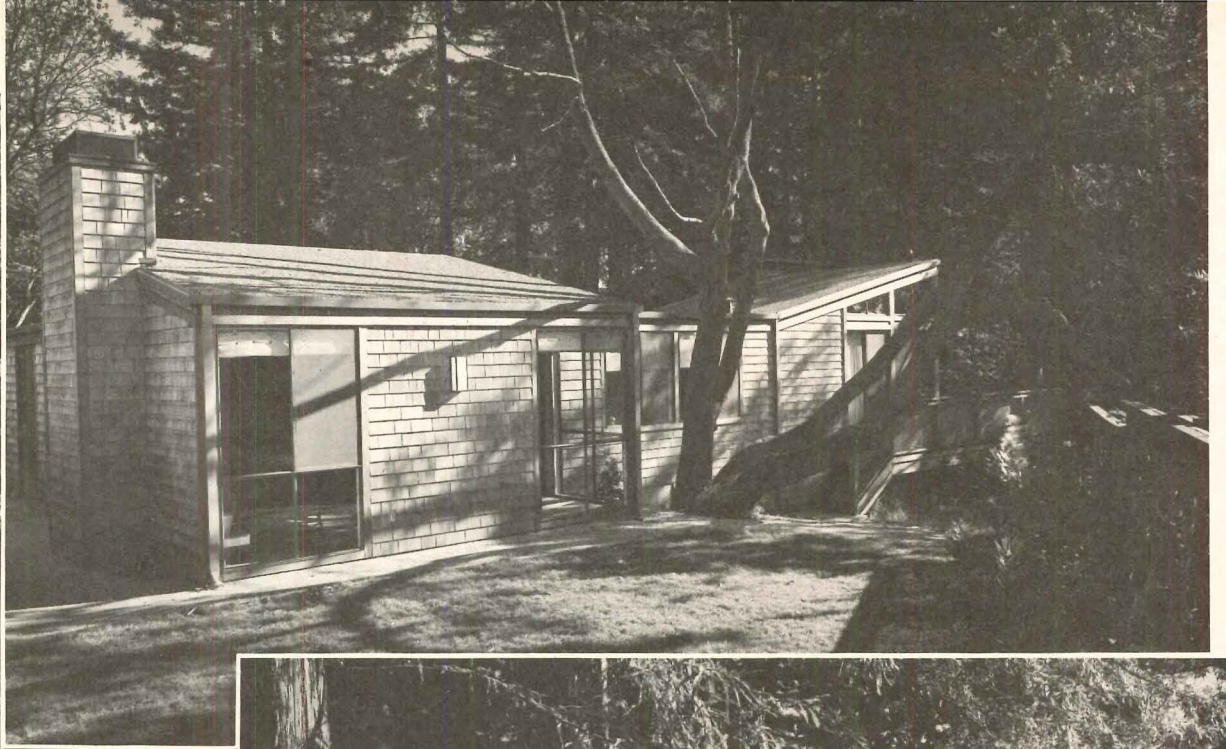


The residence of the Merrill College provost at the University of California, Santa Cruz, is a modest wood building nestled into the redwoods just off the campus. As an official house, it had special program requirements which architects Wong and Brocchini have chosen to fulfill in a relaxed and informal way. Counting on the benign climate of Monterey Bay, they have wrapped the house around a spacious open courtyard in which the provost holds weekly "soup suppers" for groups of the students and staff. The left-

hand wing of the plan, (left) has the rooms in which other entertaining and meetings take place, while the other L-shaped wing contains the family living spaces: three children's bedrooms, family room and kitchen.

-----  
*Architects:* WORLEY K. WONG and RONALD G. BROCCINI of Wong & Brocchini. *Location:* Santa Cruz, California. *Engineers:* Forell/Elsasser Engineers Inc. (structural); Ralston & Dwyer (mechanical/electrical). *Landscape architects:* Royston, Hanamoto, Beck & Abey. *Contractor:* Reese Construction Company.





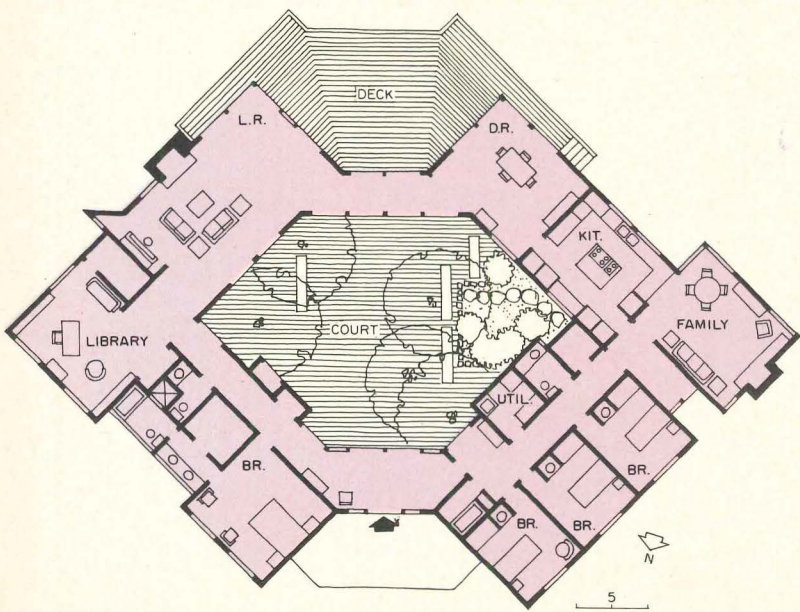
The site slopes down from the entry (above) and the family room (upper right) so that the deck outside the living and dining rooms (right) is almost seven feet above grade. The distant bay can be seen from there through the trees. The central courtyard is also above grade. In order to minimize damage to the roots of the clump of redwoods within the space (right) the floor is 2 by 6 redwood boards on a light framework. The benches and a buffet table are built-in to serve the outdoor functions. All exterior walls are sheathed with red cedar shingles.





The major rooms of the house living room and the dining room (below) are the largest and most richly-detailed spaces in the house. In addition to the large south-facing glass walls and access to the deck both share, the living room has redwood siding and specially-designed cast stone trim at the fireplace. Bedrooms and other major rooms all have sloping ceilings, which are expressed on the exterior by shed roofs.

The major rooms of the house living room and the dining room (below) are the largest and most richly-detailed spaces in the house. In addition to the large south-facing glass walls and access to the deck both share, the living room has redwood siding and specially-designed cast stone trim at the fireplace. Bedrooms and other major rooms all have sloping ceilings, which are expressed on the exterior by shed roofs.



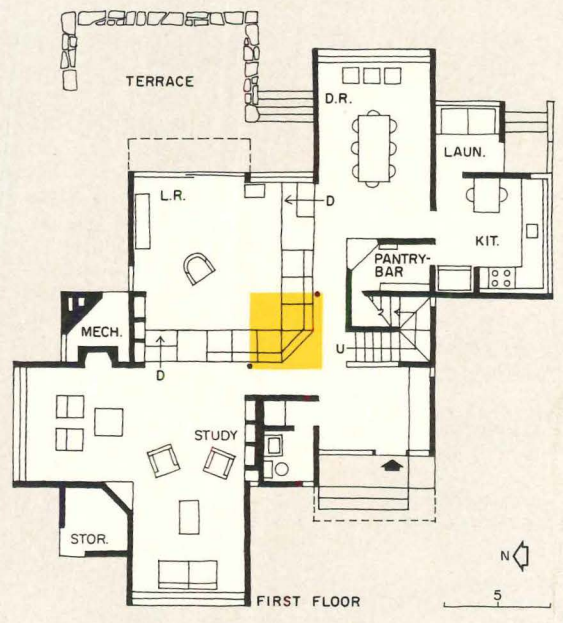
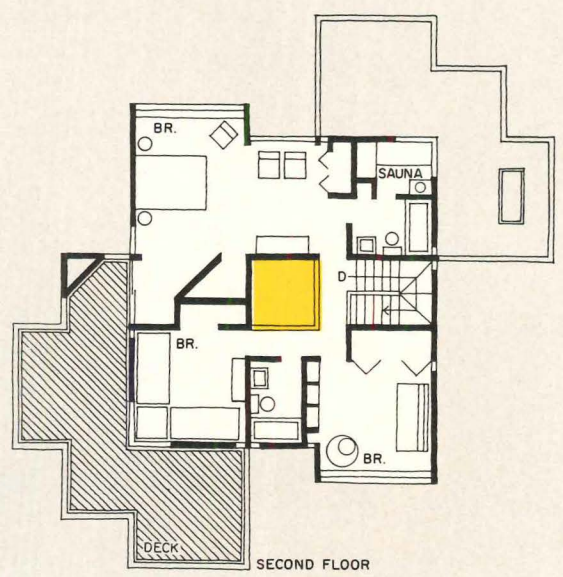




by  
e-  
i-  
R.  
ac-



Architects who like building puzzles will understand why Arthur Moore had such fun getting his own



John Boyer asked his architects for a white house that would effectively display his collection of art. The resulting design, set on two beautifully wooded acres in Lincoln, Massachusetts, is their attempt to balance the formal demands of that program with the opportunities of the site; each has affected the other. The apparent symmetry of the plan about a vertical axis (drawing above), says Arthur Cohen, is less apparent to the visitor than the thrust of the cantilevered forms toward leafy vistas, including, from the living and dining rooms, views of a

house of 1937, also in Lincoln, Massachusetts. While a distinct similarity of architectural form may be apparent, comparison of the two interiors (see Giedion, *Space Time and Architecture*, Third Edition, page 499 for the plan by Gropius and Breuer) shows that the newer house has, for all the talk at the Bauhaus of open planning, a more fluid relationship between study, living and dining rooms. To be sure, the older house was a pioneering effort in the United States, but it is instructive to see that interior planning has developed a great deal.

belied by extremely restrained window details (both steel and aluminum units are used). The several slit windows on the west and south elevations (above which face the approach road and a neighboring house respectively), are especially crisp. The kitchen, dining room and study overhang the foundation.

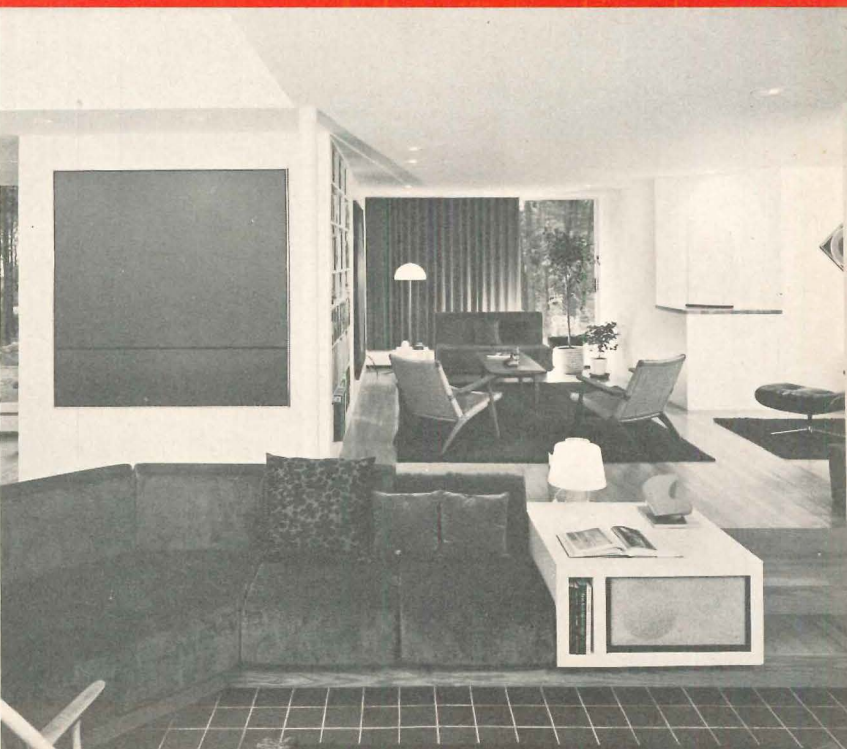
Architects: JOSEPH MAYBANK ; ARTHUR COHEN of Architectural Resources Cambridge, Inc. Owner: John Boyer. Location: Lincoln, Massachusetts. Engineers: Weidner Brown, Inc. (structural). Interior design consultants: Sprague A





A square skylight at the exact center of the house, is the pivot around which spaces on both floors revolve. On the main floor (all photographs this page), it highlights the orange upholstery of the spacious built-in couch. The generous proportions of the living room, emphasized by the Welsh quarry tile floor three steps below the other areas, and the passage around it assure easy circulation for guests at the owner's parties.

Nick Wheeler photos







The Lauren Studebaker House, winner of the Seattle Times "Home of the Year" for 1970, is located in a deciduous forest setting on Mercer Island, Washington. Three distinctive red cedar-clad forms dominate the uneven terrain. They consist of two hard-edged angular volumes penetrated playfully by expanses of glass and a third, the cylindrical sky-lit stairwell.

According to Wendell Lovett, its architect, the house was planned "for varying activities and moods of a young family of five." This was accomplished

with great sensitivity by relating the internal functions to various solar exposures. Southerly oriented rooms are generally for active pursuits while the northern spaces tend to be quiet and individualized. A dynamic visual enrichment is exploited with vistas of the east and south channel of Lake Washington which vary with the season.

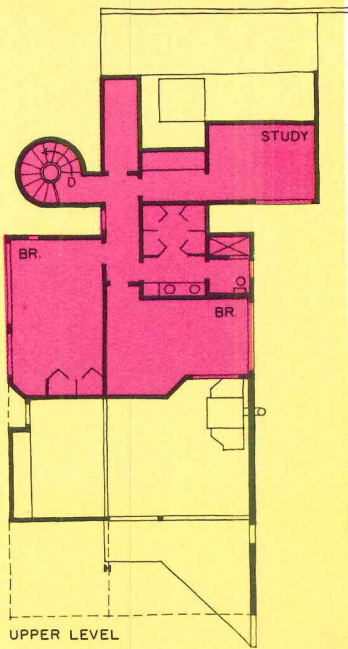
Further zoning which adds to the spatial variety occurs vertically on three levels: communal and family activities located on mid- or entry-level; children's rooms expressed in a day-

light basement with playrooms opening onto a terrace; and adult sleeping located on the top level for maximum privacy.

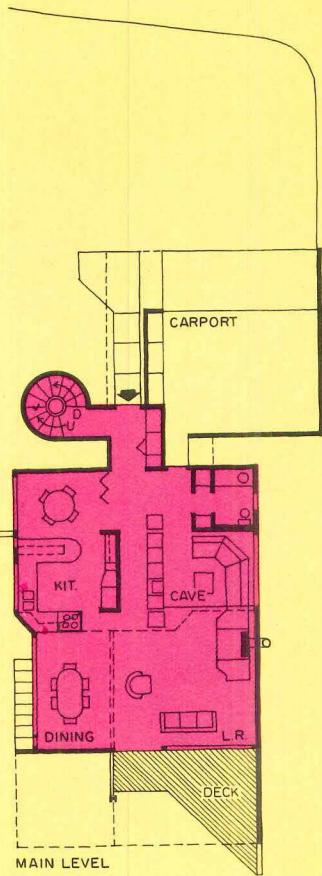
The warm character of the natural materials used outside, is carried inside as a reflection of a totally enveloping experience.

*Architect:* WENDELL H. LOVETT. *Owners:* Mr. and Mrs. Lauren Studebaker. *Location:* Mercer Island, Washington. *Engineer:* Richard Stern (mechanical). *Landscape architects:* Sakuma/James. *Contractor:* S. G. Moshier and Sons.

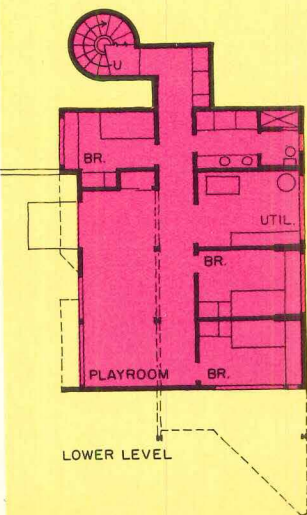
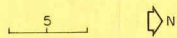




UPPER LEVEL



MAIN LEVEL

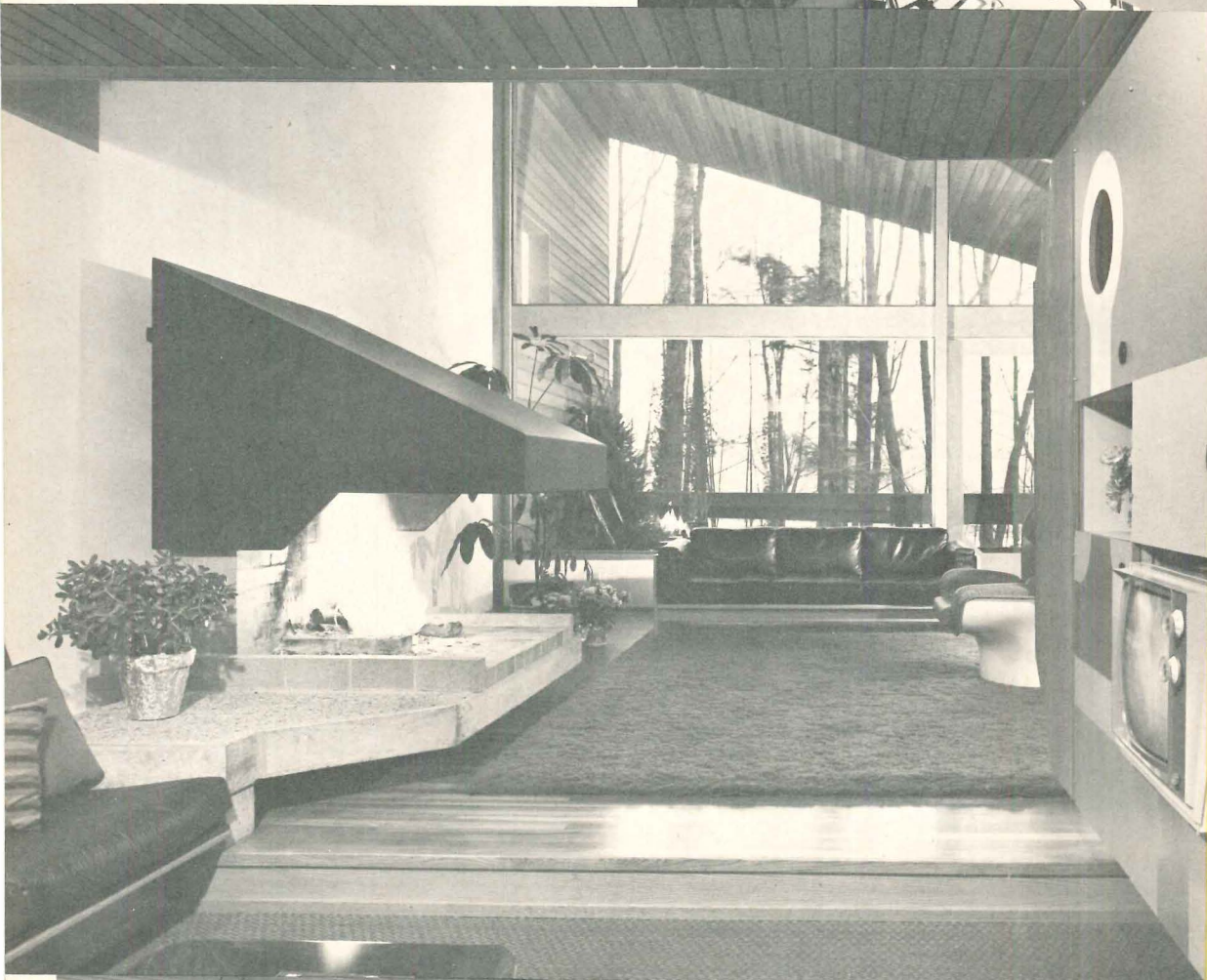
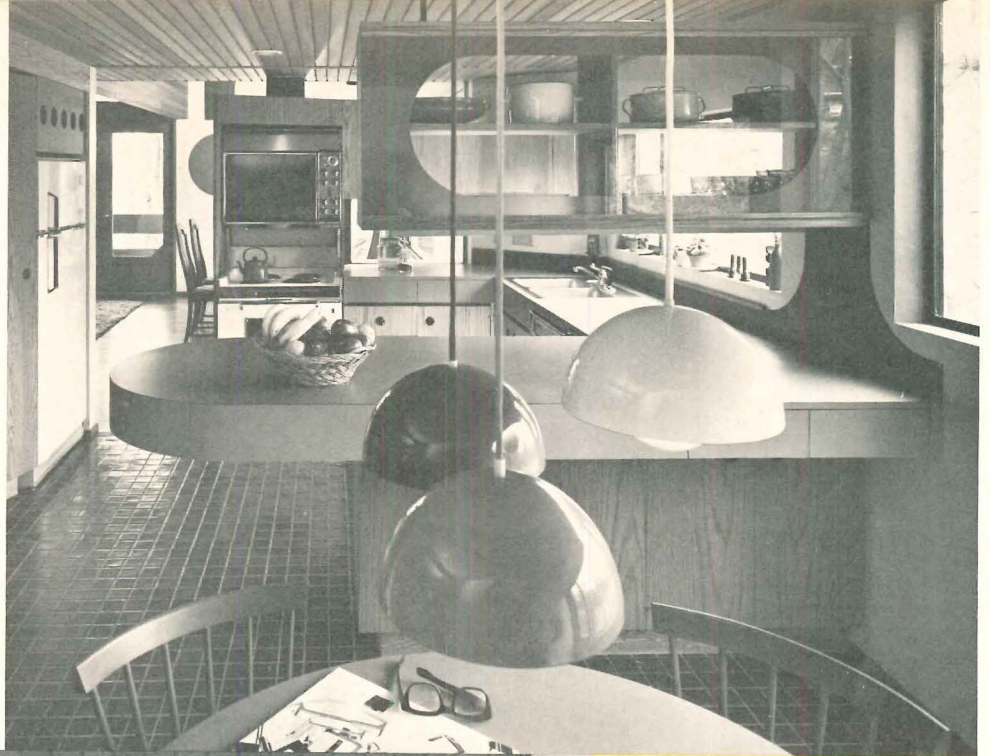


LOWER LEVEL

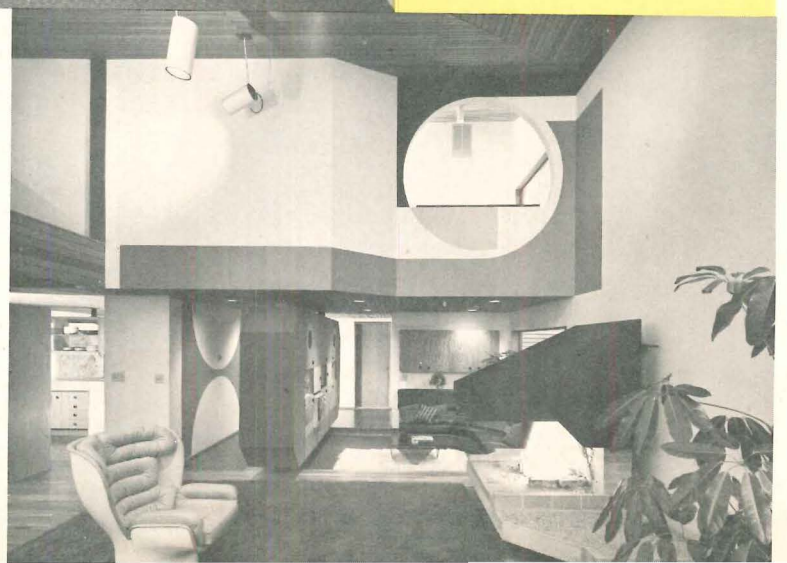
Christian Staub photos







The projecting fireplace is clearly the focal point of the Studebaker house. On one side is the enclosed and cozy center for family activities, nicknamed the "cave" by the architect. On the other is the spacious and open living-dining room. The cave is enlivened by a handsome activity wall containing audio-visual equipment. The breakfast room and kitchen (above) are equally well-detailed with the same lively character. The living-dining room, on the other hand, relies on a soaring wood ceiling and natural vistas for a more serene atmosphere.







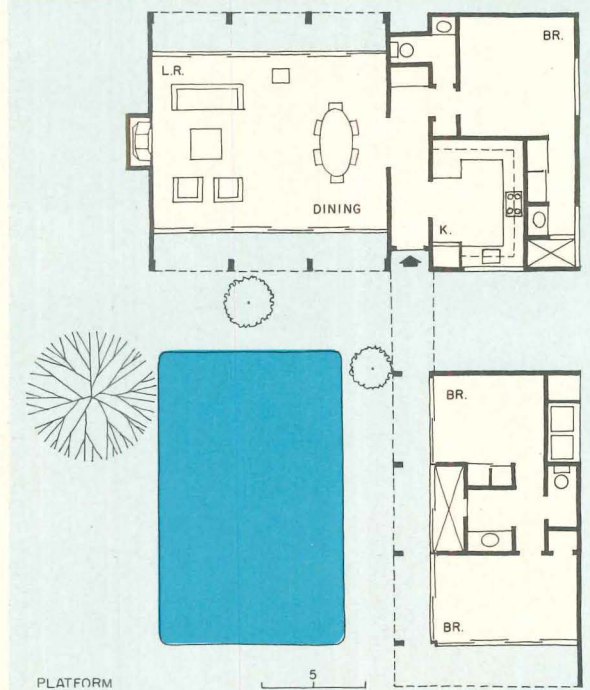




Sixteen years ago, when RECORD HOUSES made its first appearance, the formality of this house, at Fire Island Pines near New York City, would have seemed much less remarkable than it does today. At that time, the informality that characterizes so much of today's domestic architecture was the exception. But it was not architect Jim McLeod's intention either to buck the trend or to hark back to the past when he designed the building. Fire Island, interesting because it has no regular automobile traffic (residents walk on sidewalk-width boardwalks pulling red coaster wagons when they go to the store), is little more than a wide sand bar. Thus, all construction must be on pilings, usually locust posts driven to refusal into

the sand. McLeod's scheme, two pavilions on a platform around a pool, is quite straightforward under the circumstances. The pool rests upon the grade and the wood-slat platform (above) has a minimal sub-structure. The pavilions, which use laminated wood beams to provide clear span interiors, also have very simple foundations since there are relatively few supports. But site conditions were not the only determinants of this spare and elegant house. The program called for "a 'super-neutral' background for the owners and selections of their art collection."

*Architect:* JAMES McLEOD. *Location:* Fire Island, New York. *Consultants:* Holly Neal (acoustics); Kilpatrick and Gellert (lighting). *Contractor:* Joseph Chasas.



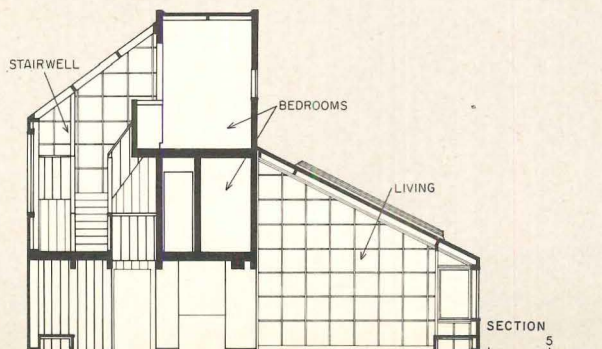
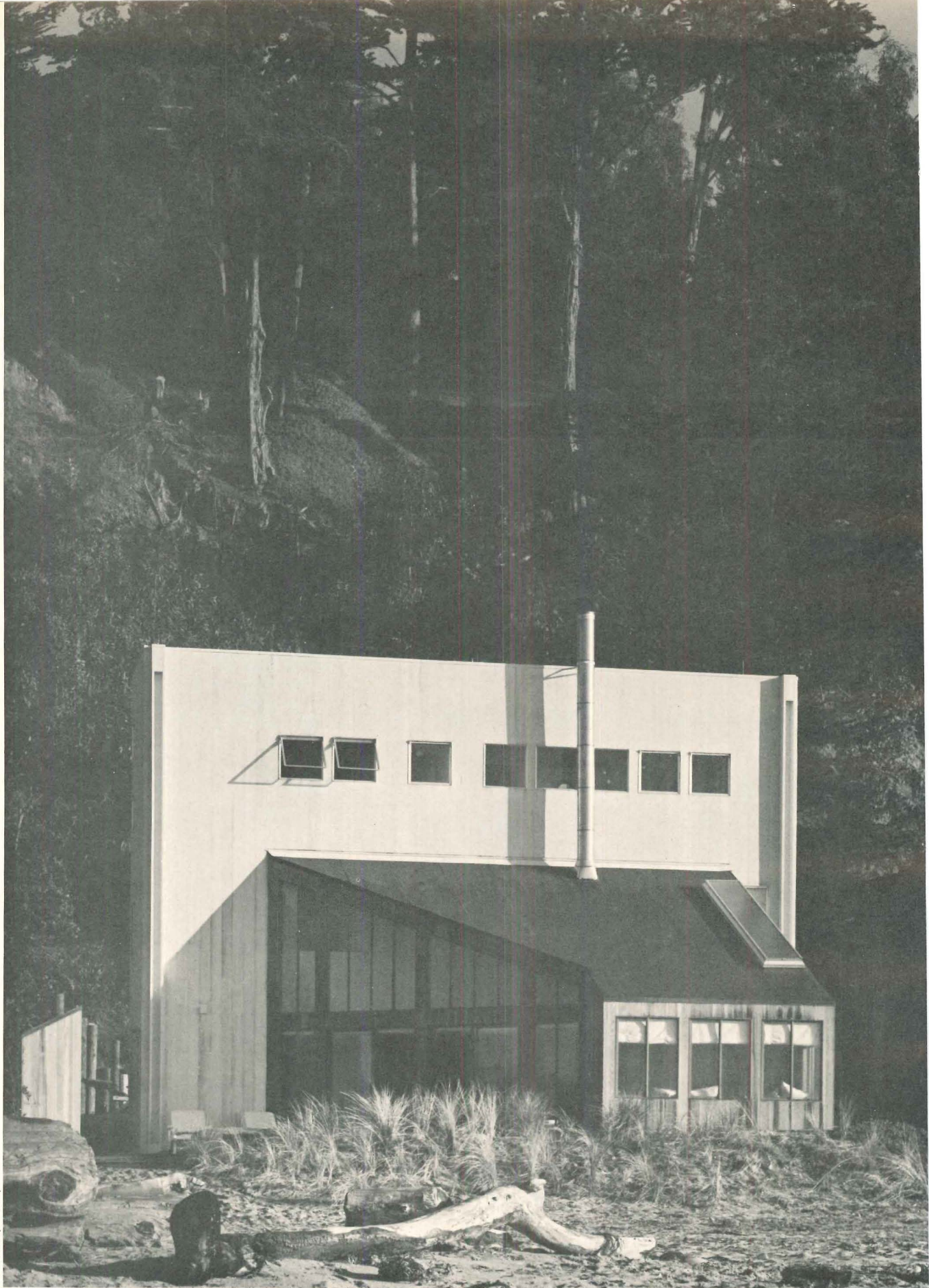


All the major glazing, in painted aluminum sliding doors, is recessed four feet from the face of the cedar-sheathed columns. Restrained and carefully-studied wood detailing is the key to the building's elegance. The radii at juncture of column and fascia were formed by kerfed boards that were then filled and sanded. Cool understatement is the quality of the interiors as well (right). Furnishings chosen by the architect complement the design and draw attention to pieces from the owners' art collection. A corner bedroom (across page bottom) looks toward the pool and into the pine woods.





Morley Baer photos





A "mini-hotel," complete with sleeping for twelve, a grand staircase and a high ceilinged sitting room tucked into 1600 square feet, is the way MLTW/Turnbull Associates describe the beach house they did for a large San Francisco family. The beach front site on northern Monterey Bay has the usual problems—narrow frontage (50 ft) with undistinguished neighboring houses immediately on each side—but does face south, unusual on California's coast. It also is protected from cold

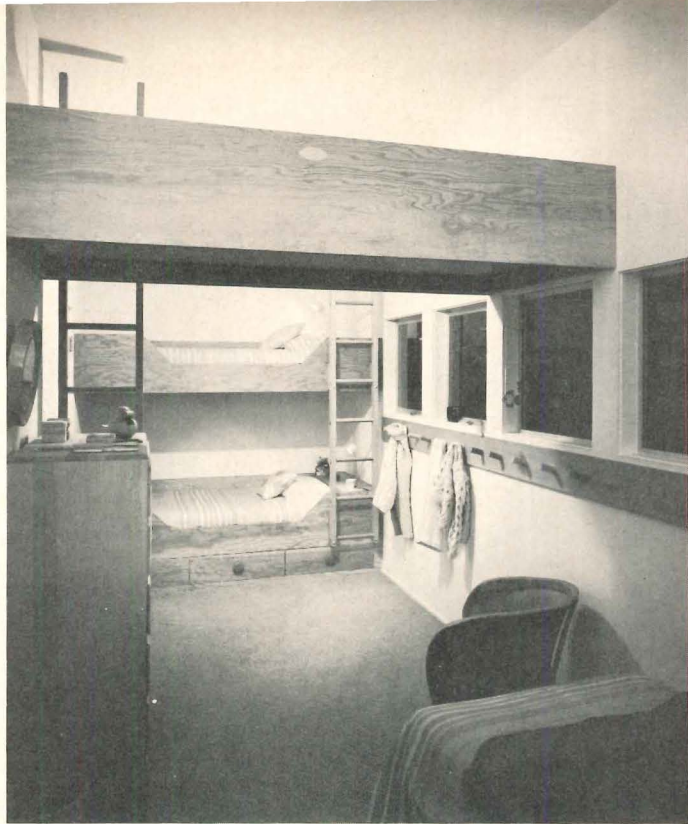
northwest winds by the cliffs behind and has a view of the setting sun to the west. With their usual whimsy, the architects have turned the site and program limitations to advantage by boldly emphasizing the large amount of sleeping space required. They call the white three-story, 8-foot-wide slab in the middle of the house (left) the "sleeping machine": all the sleeping and all the machines are inside it. The shed-roofed volumes front and back are the living room and the grand stair-

case. The west wall of the living room (below) is angled toward the setting sun and to screen the adjacent deck from wind. In addition to many built-in items which they designed, the architects chose all furnishings for the house.

*Architects:* WILLIAM TURNBULL, JR. and RICHARD GARLINGHOUSE of MLTW/Turnbull Associates. *Location:* Aptos, California. *Engineers:* Hirsch and Grey (structural); Grimaldo, Jones and Associates (foundations). *Contractor:* Bud B. Bolinger Construction Company.

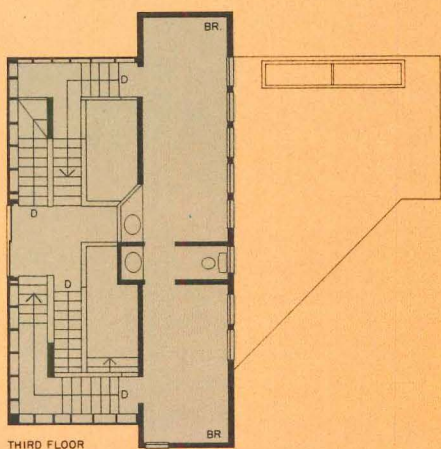




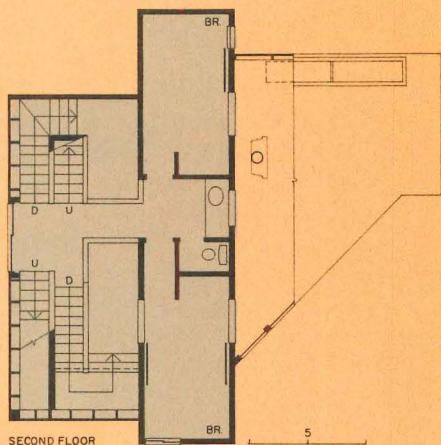




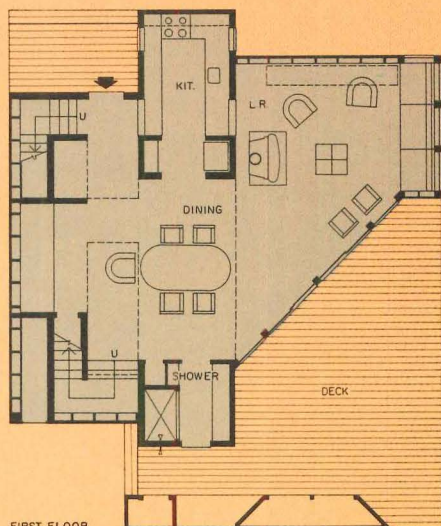
Aside from the sun-filled living room (below left), the most dramatic space in the house is the staircase. Required by local codes, the double stair to the third floor has become a festival of forms lit by a translucent roof and a large window looking into the trees. Extra-deep studs with horizontal braces, all 2 by 8s, are used here and in the living room to create an interesting wall pattern and to provide vast amounts of book storage for the well-read family. The girls' bunk room on the third floor and the kitchen on the first (left) are both located in the "sleeping machine."



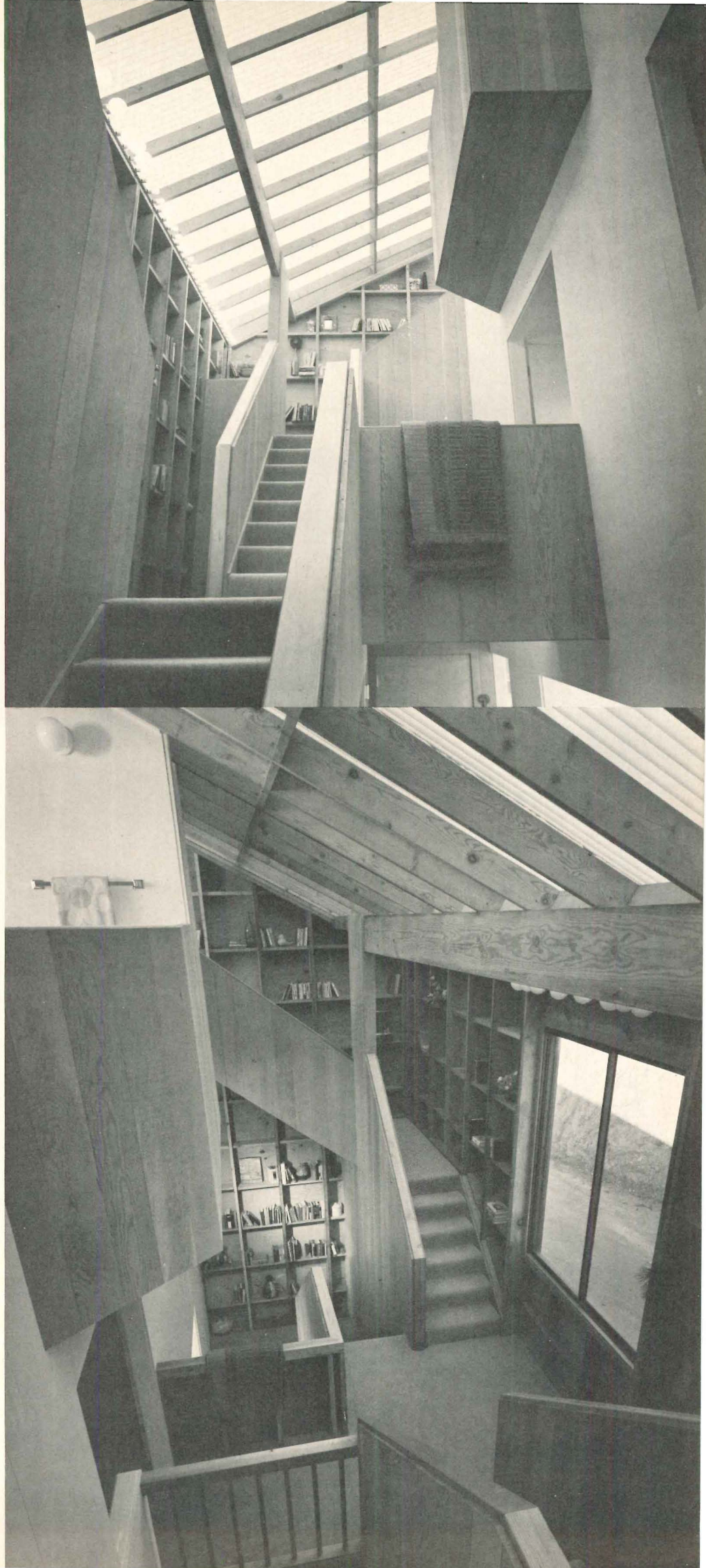
THIRD FLOOR



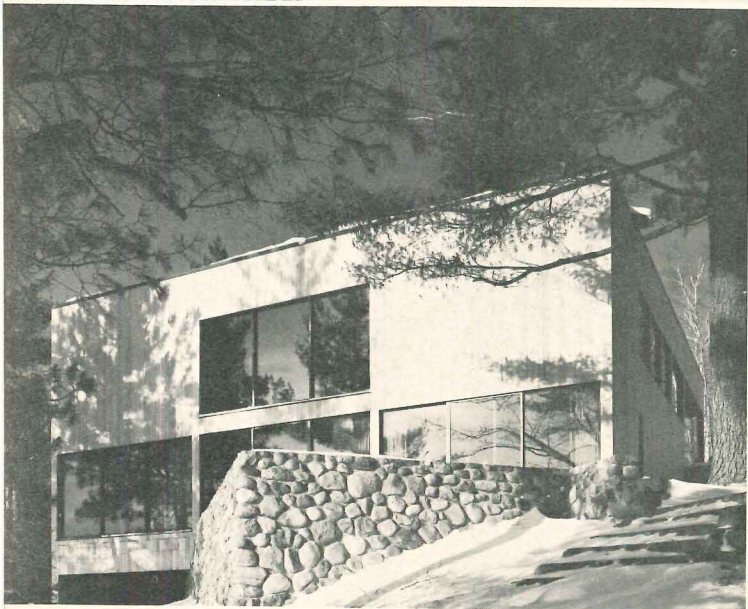
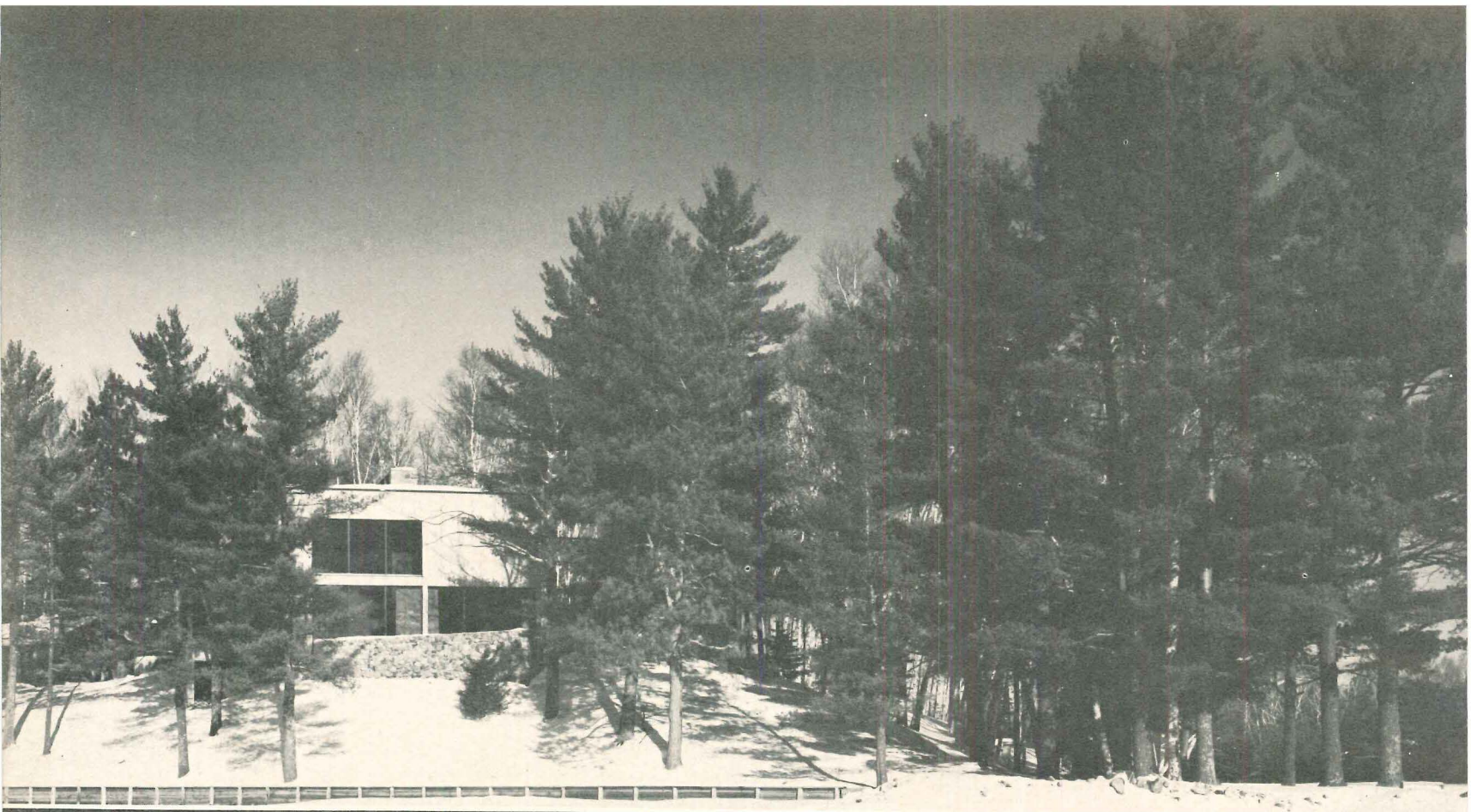
SECOND FLOOR



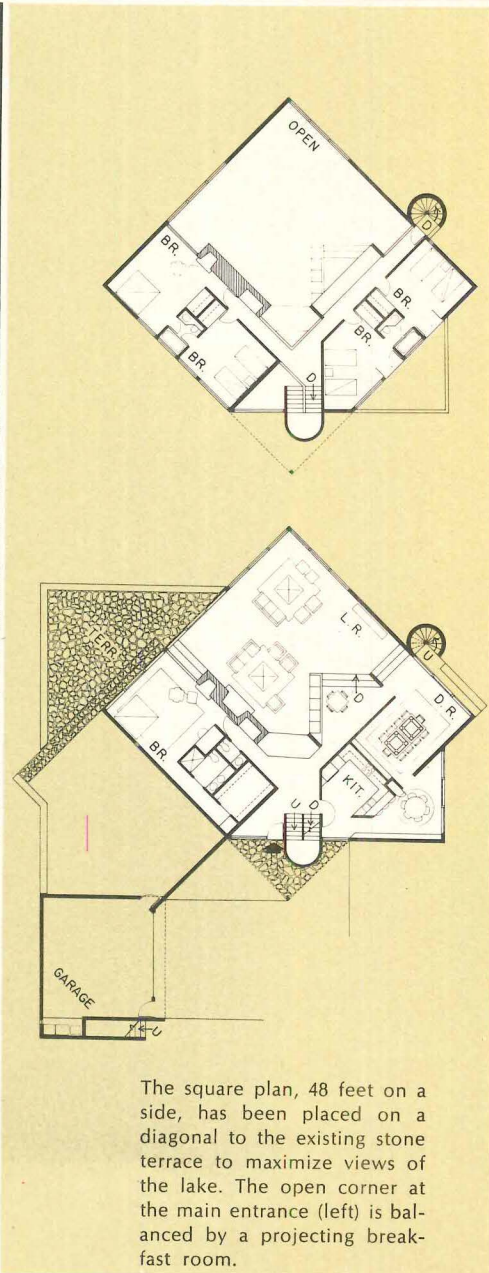
FIRST FLOOR







Phil Turner photos



The square plan, 48 feet on a side, has been placed on a diagonal to the existing stone terrace to maximize views of the lake. The open corner at the main entrance (left) is balanced by a projecting breakfast room.

Making use of an existing stone terrace and walls, architects Booth and Nagle have designed this large vacation house on a northern Minnesota lake to provide the best possible view for each room. Pivoting around a major room, 34 feet square and 18 feet high, which relates to all other interior spaces and the terrace, the design creates a series of indoor and outdoor spaces within a simple visual framework. It was detailed to facilitate construction by local workmen, including flat trusses which span the large space. Interior and exterior walls are sheathed in clear white cedar vertical siding. All openings toward the lake are large-scale, three panel units with bronzed-tinted glass in the black aluminum frames. The interiors were also done by the architects who carefully chose the furniture to relate well to the cedar walls and the oak floors. All furniture in the main room (right) has natural leather upholstery.

*Architects:* LAURENCE BOOTH and JAMES NAGLE of Booth and Nagle. *Location:* Northern Minnesota. *Engineers:* Weisenger-Holland Ltd. (structural); Wallace and Migdal, Inc. (mechanical and electrical). *Interior design:* Booth and Nagle. *Contractor:* Arnold Seastedt.

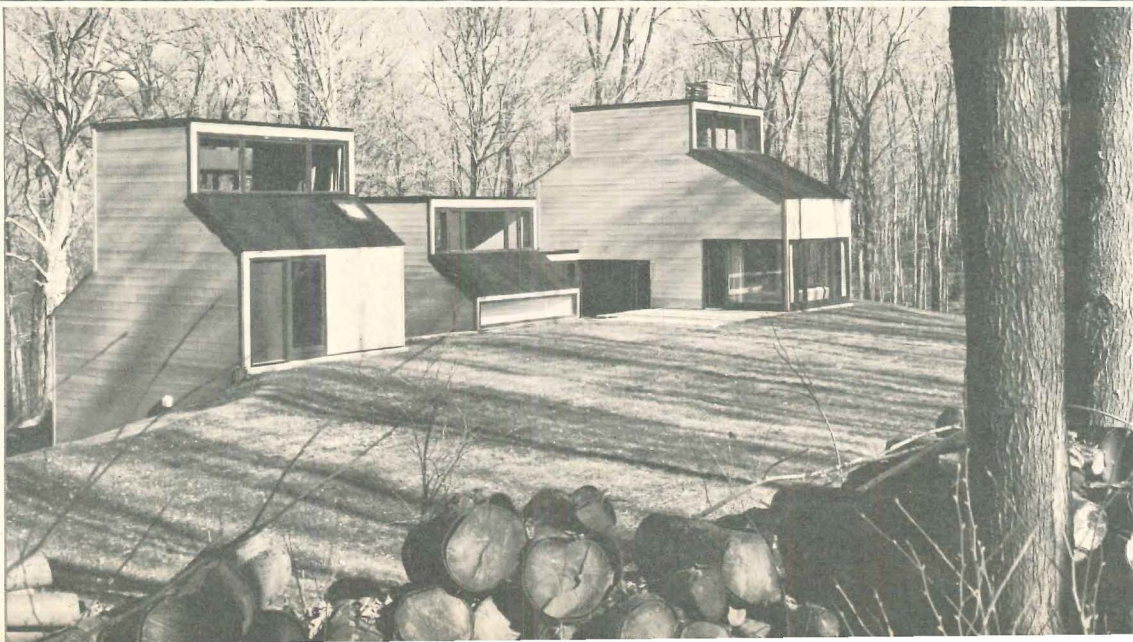








Bill Maris photos





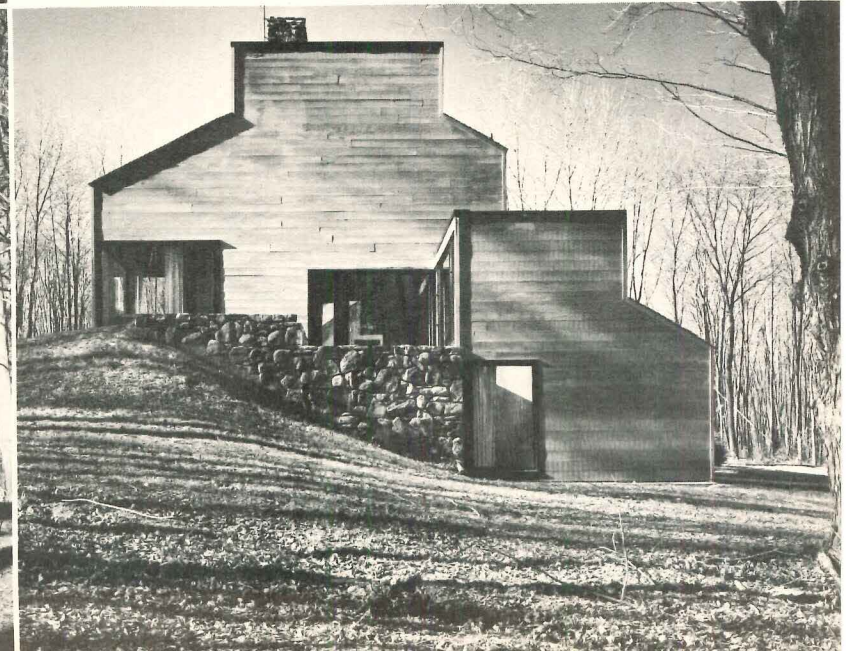
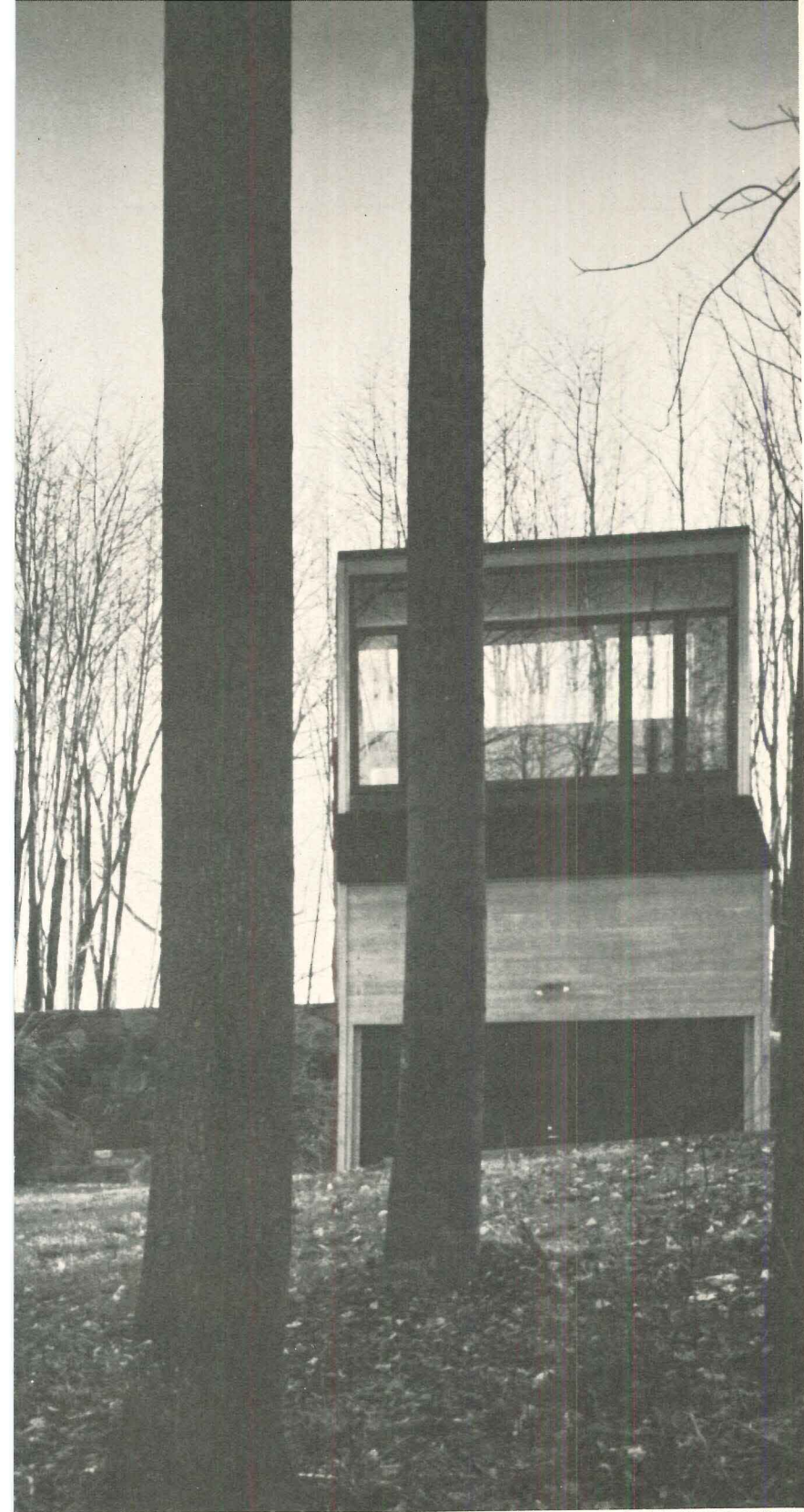
Architectural scale can be used to make big buildings seem smaller, or in this case, a small house seem quite enormous. Visitors approach the Willard Wirth house in Westchester County, near New York City, up a steep drive through tulip and maple trees. The elevation which greets them at the top (left) has little besides a standard overhead garage door to betray its true size. It was architect Alfred De Vido's intent that they be dazzled by the faceted forms, each 15 feet wide, before entering what is, in fact, a collection of cozy rooms that look out into the woods.

The architect's decision to string the units out on an east-west axis was based principally on site considerations. Two parallel fieldstone retaining walls which cross the contour lines at about 30 degrees and form the spine of his design cause the east end (below) to stand out from the grade. The garage portion (bottom opposite) on the other hand, nestles into the grade to permit adequate space for guest parking and turning. On the south-facing uphill side (below left), the land was graded up to the house slightly to keep surface drainage away. Because of the linear scheme, each room has windows to the winter sun even though their principal exposure is to the north. And in the summer, each has cross-ventilation to catch the breezes: the air along the slope moves uphill in the morning as the sun warms it—downhill at night as it cools.

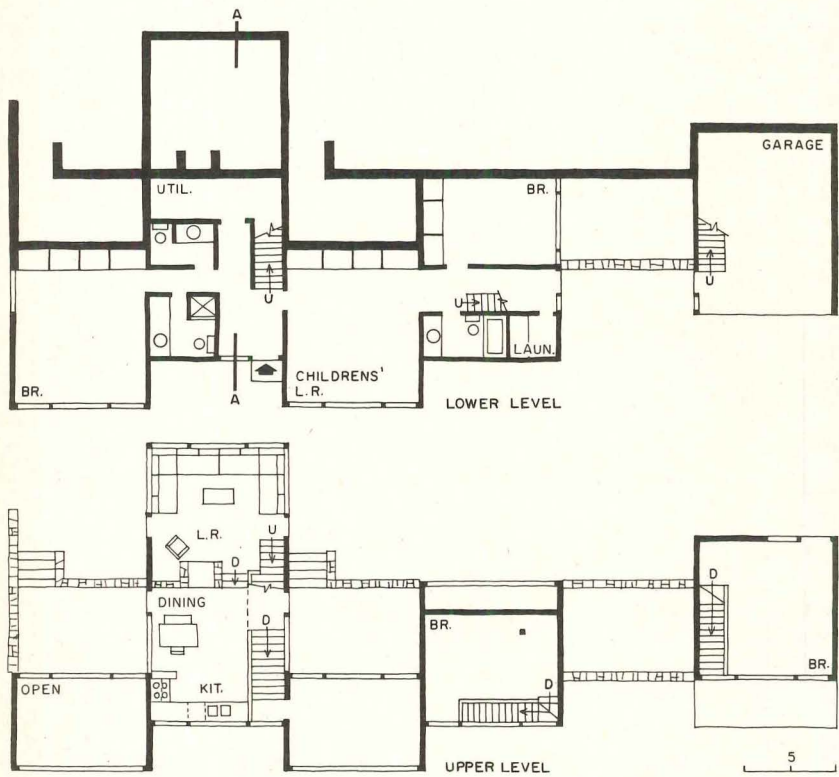
*Architect:* ALFRED DE VIDO.

*Owner:* Willard Wirth. *Location:* Westchester County, New York

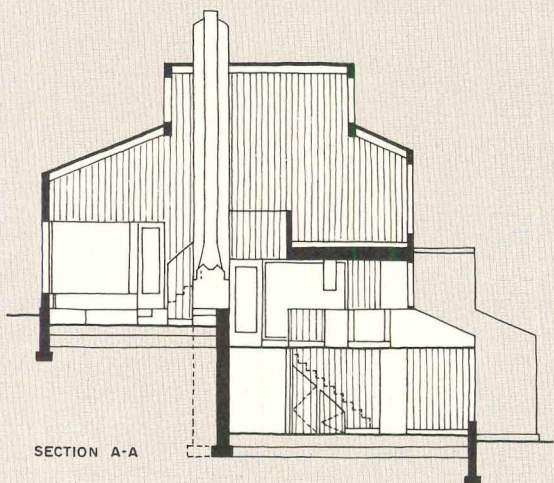
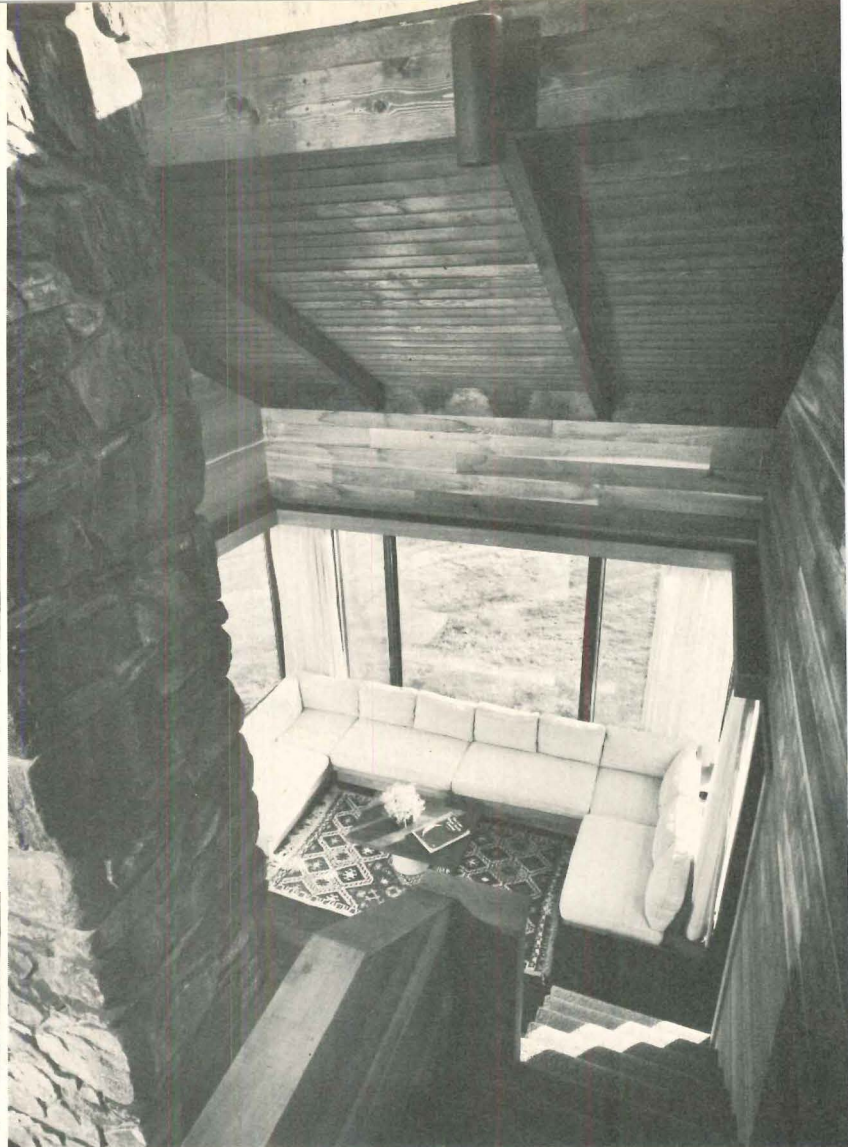
*Landscape architect:* A. E. Bye.







From the entry, visitors walk up one flight to the kitchen-dining room and then three more steps up to the living room. There, in a space 15 feet square, they can relax and look south across to the hill rising behind the house or climb up another flight of stairs (right) to the study above the kitchen. Like the living room, the kitchen has windows on three sides as well as access to paved courts looking down into the master bedrooms on one side and the children's living room on the other. The thorough separation of various rooms has insured a high degree of acoustical privacy for parents and children.







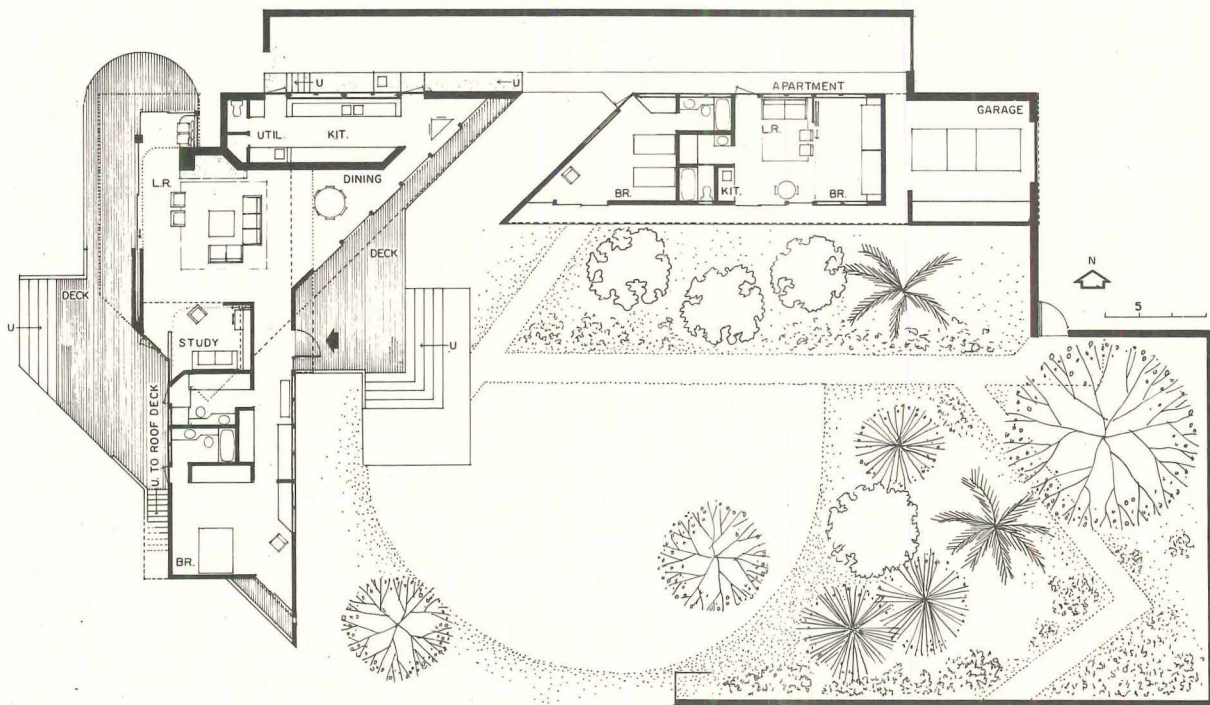




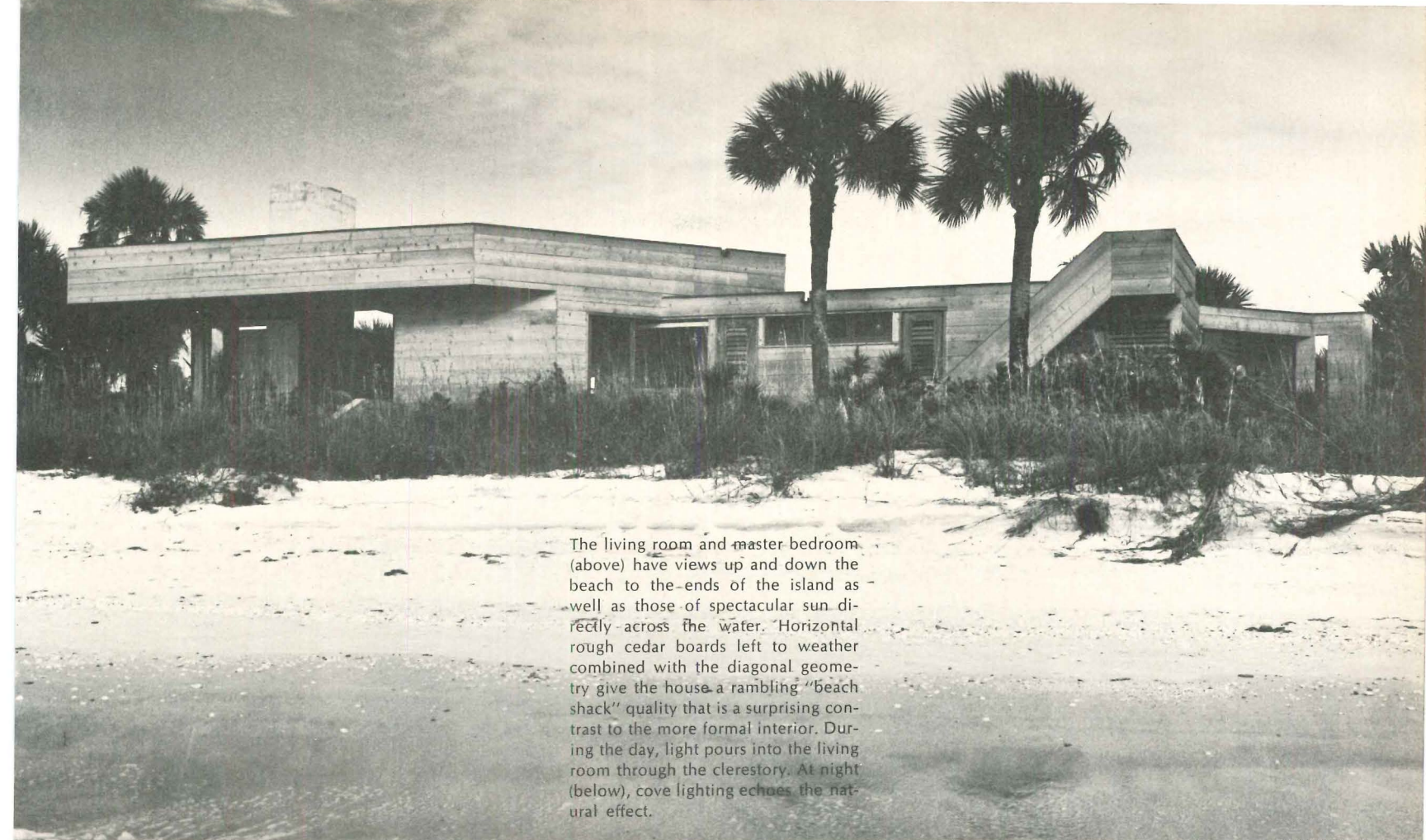
Wade Swicord photos

Architect Carl Abbott has designed an informal beach house on the Gulf of Mexico that also wraps around a lush tropical garden on the side away from the water. The main portion of the house, which is the winter residence of a New York couple who would rather be outside than in, is a raised platform for a better view of both the Gulf and the garden. It contains living rooms, the master bedroom and decks on every side. A second building, for frequent family visitors, is set in the garden itself and tied to the larger one by the stuccoed masonry walls that almost completely surround the complex.

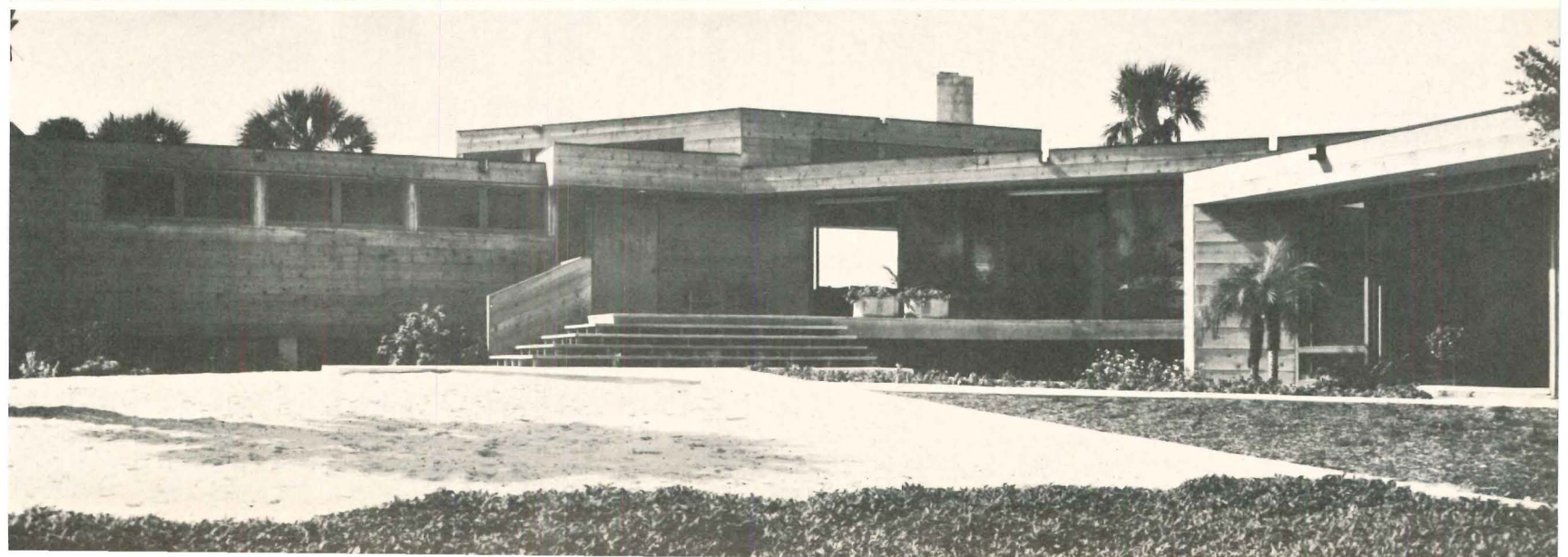
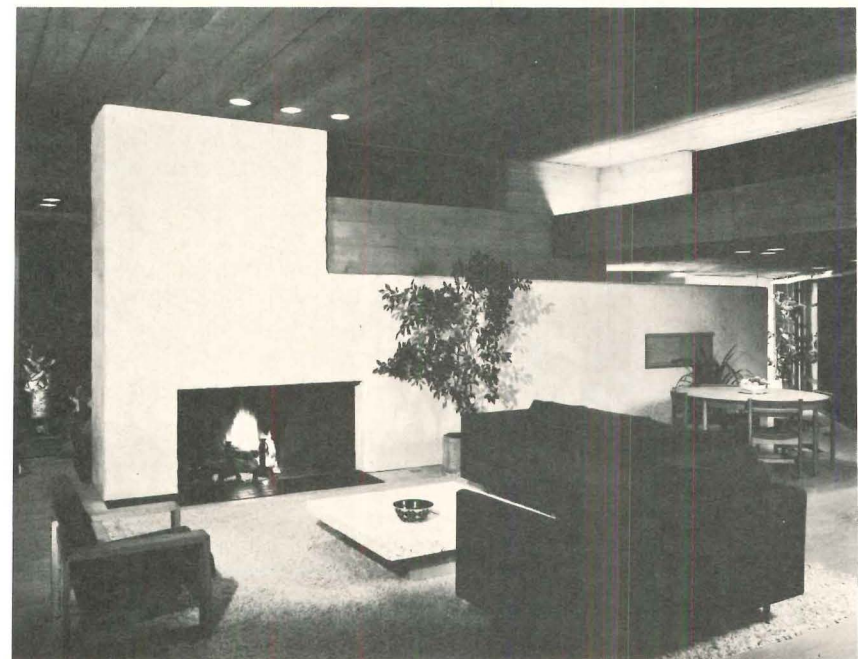
*Architect:* CARL ABBOTT. *Owners:* Mr. and Mrs. David Weld. *Location:* an island near Sarasota, Florida. *Structural consultant:* A. L. Conyers. *Contractor:* W. C. Beall and Associates, Inc., Dale Pierce partner-in-charge.



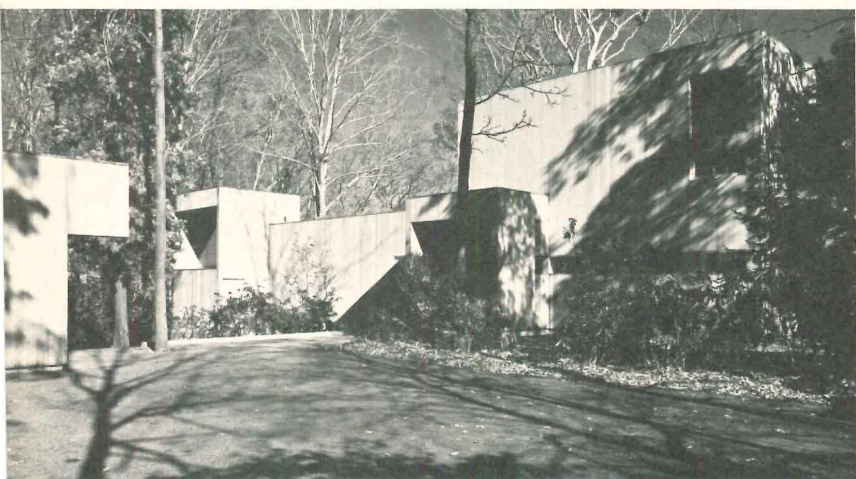
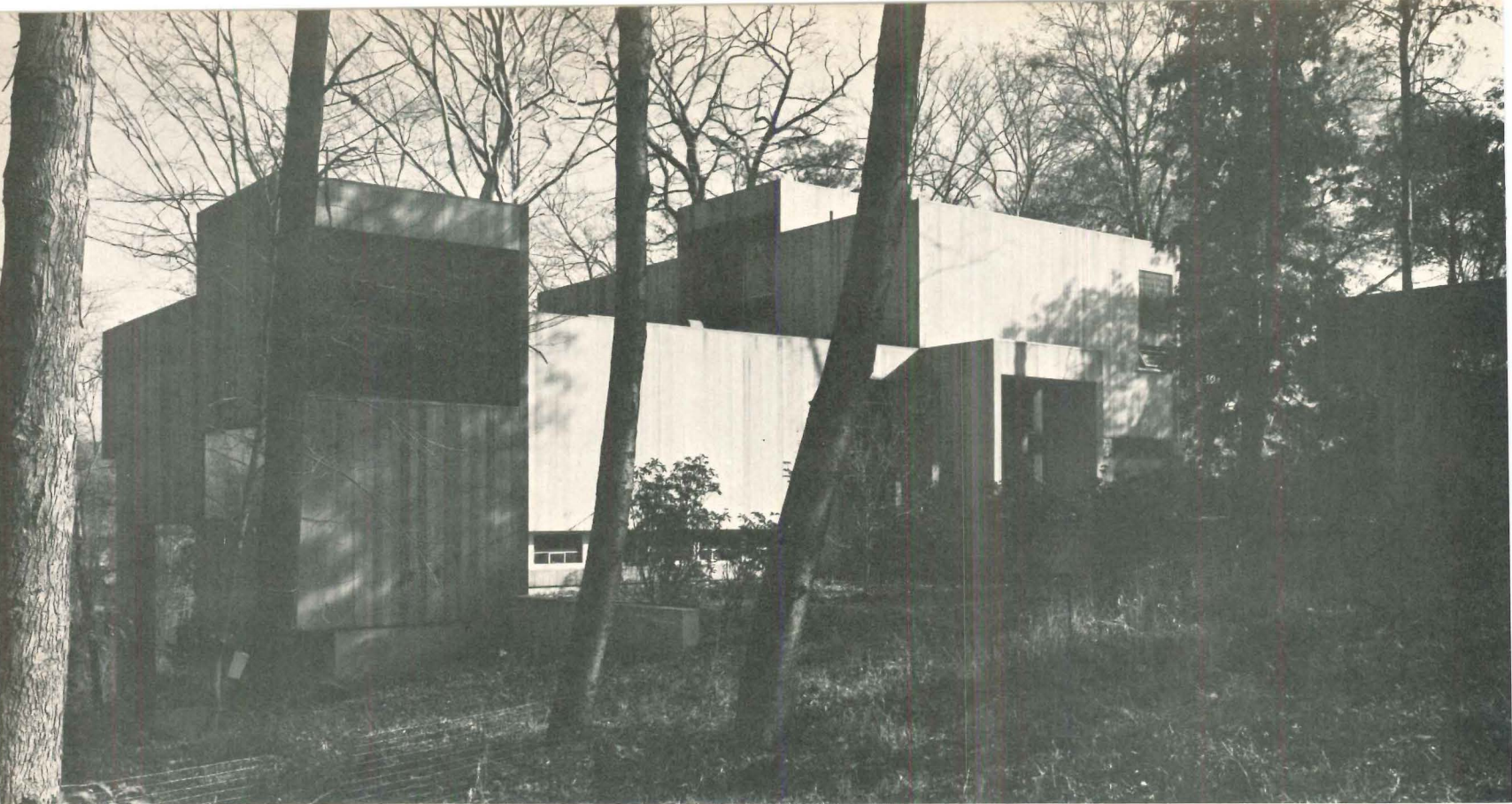




The living room and master bedroom (above) have views up and down the beach to the ends of the island as well as those of spectacular sun directly across the water. Horizontal rough cedar boards left to weather combined with the diagonal geometry give the house a rambling "beach shack" quality that is a surprising contrast to the more formal interior. During the day, light pours into the living room through the clerestory. At night (below), cove lighting echoes the natural effect.



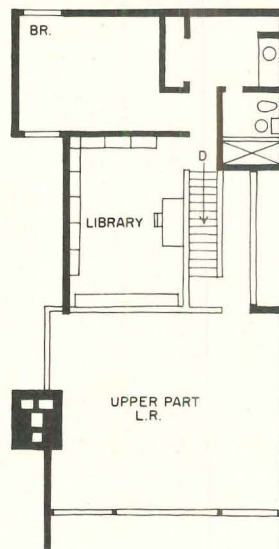




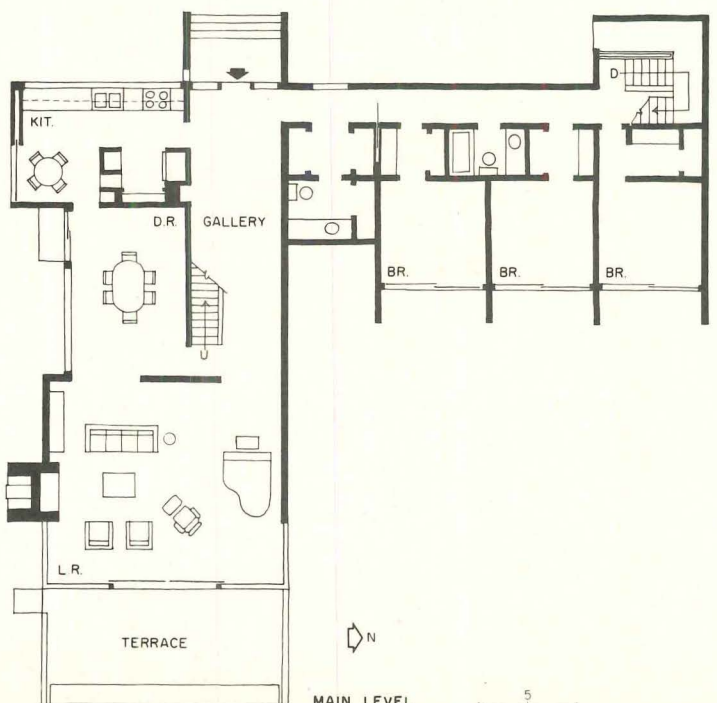
Adults and children each have a two-story suite in the Samuel Wiener, Jr. house, Westport, Connecticut, designed by Weiner and Gran in association with Davis, Brody and Associates. The two elements intersect at the entrance and share kitchen and dining room. For the three boys, the corridor leads past bedrooms to a stair down to the recreation room and a terrace on grade. For the parents, an entry-gallery for display of Mr. Wiener's paintings leads to a two-story living room that looks into the woods. Also from the gallery, a stair climbs to the spacious study-master bedroom suite. A projecting wing wall (right) screens the stair from view in the living room. Care was taken with many such de-

tails to present a neutral background for the paintings which are the most important elements of the room. Mr. Wiener also works in stained glass and mirrored surfaces. Two examples of such work appear in the study (far right): the windows above the entry and the mirrored column next to the desk. Specially-designed lighting highlights the constantly changing collection of art works.

*Associated architects:* Davis, Brody and Associates and Weiner Gran Associates. *Owners:* Mr. and Mrs. Samuel Wiener, Jr. *Location:* Westport, Connecticut, *Engineers:* Andrew Elliot (structural); Wald and Zigas (mechanical). *Landscape architect:* A. E. Bye. *Contractor:* Michael Sochaki.



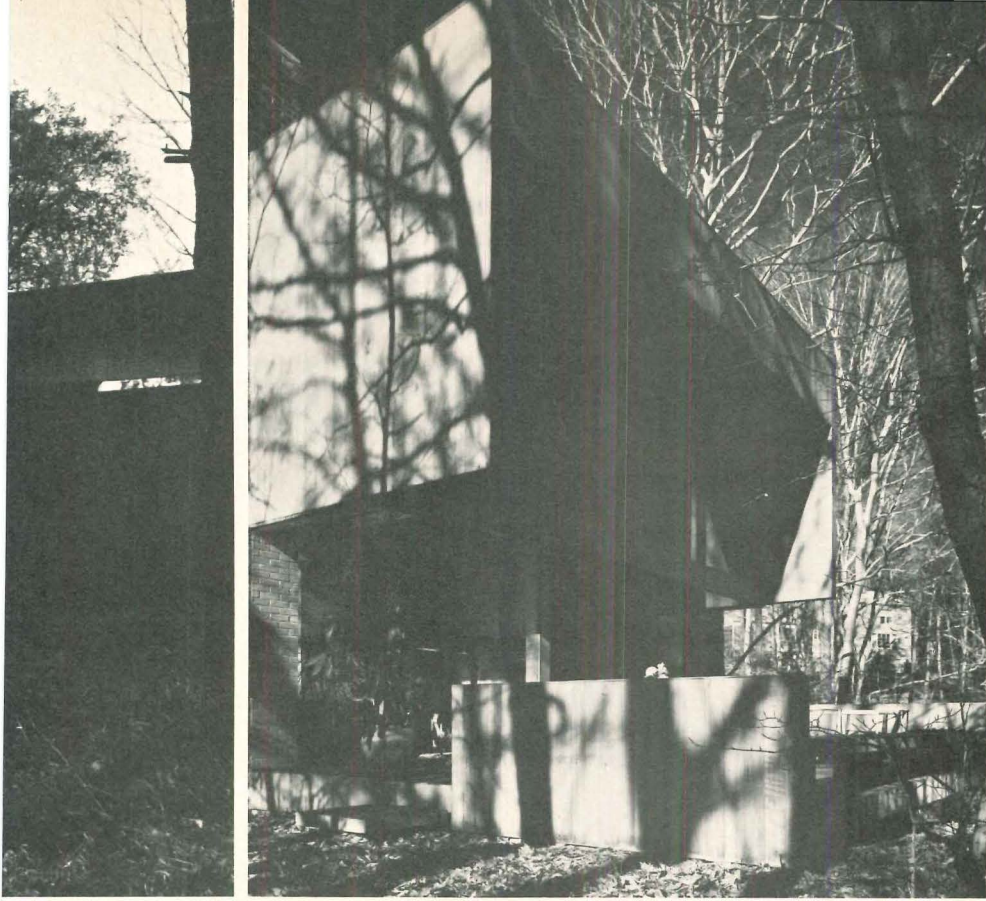
UPPER LEVEL



MAIN LEVEL

Judicious use of structural steel was important in creating the spare forms of the house. The long counter-height window in the kitchen (right) and the sheltering overhang at the living room—with mitered glass corners to emphasize the effect—(above right) are two examples. By tucking the recreation room under the boys' bedrooms (above) the architects make good use of the sloping site. From the deck off the living room and from the second floor study, the river can be seen through the trees at the bottom of the hill.





Ezra Stoller Associates © Esto

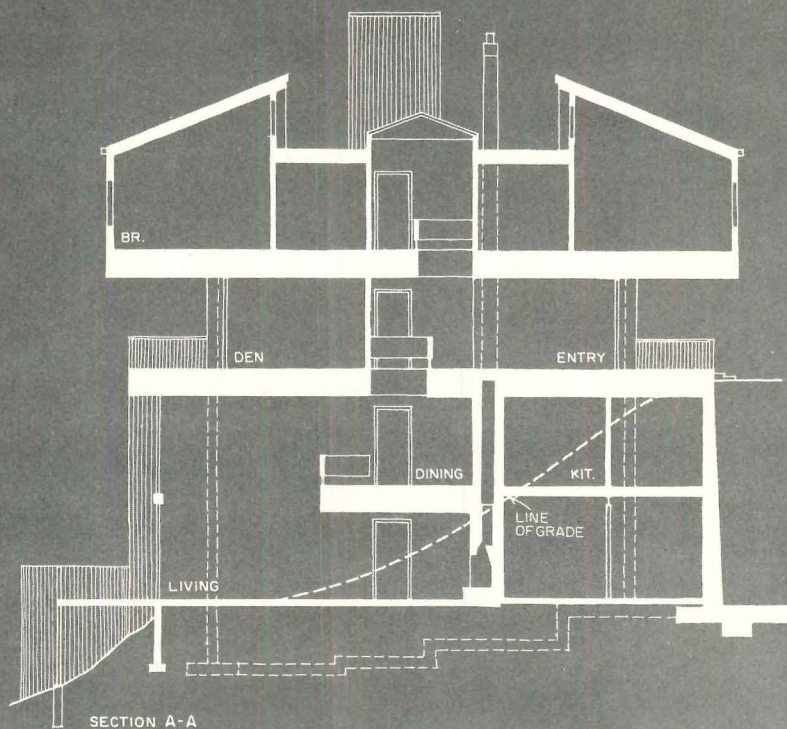


Does an architect who has been largely involved in large-scale work approach residential design differently than one who has only done small buildings? In the case of Sigmund Blum's design for his own house, the answer appears to be yes. What appears to be another modish wood "tower" house, in fact has a dazzlingly clear steel structure that seems to come directly from Blum's long experience as chief designer for a large Detroit firm. Yet there is no confusion of scale; for its size the interior is remarkably intimate.

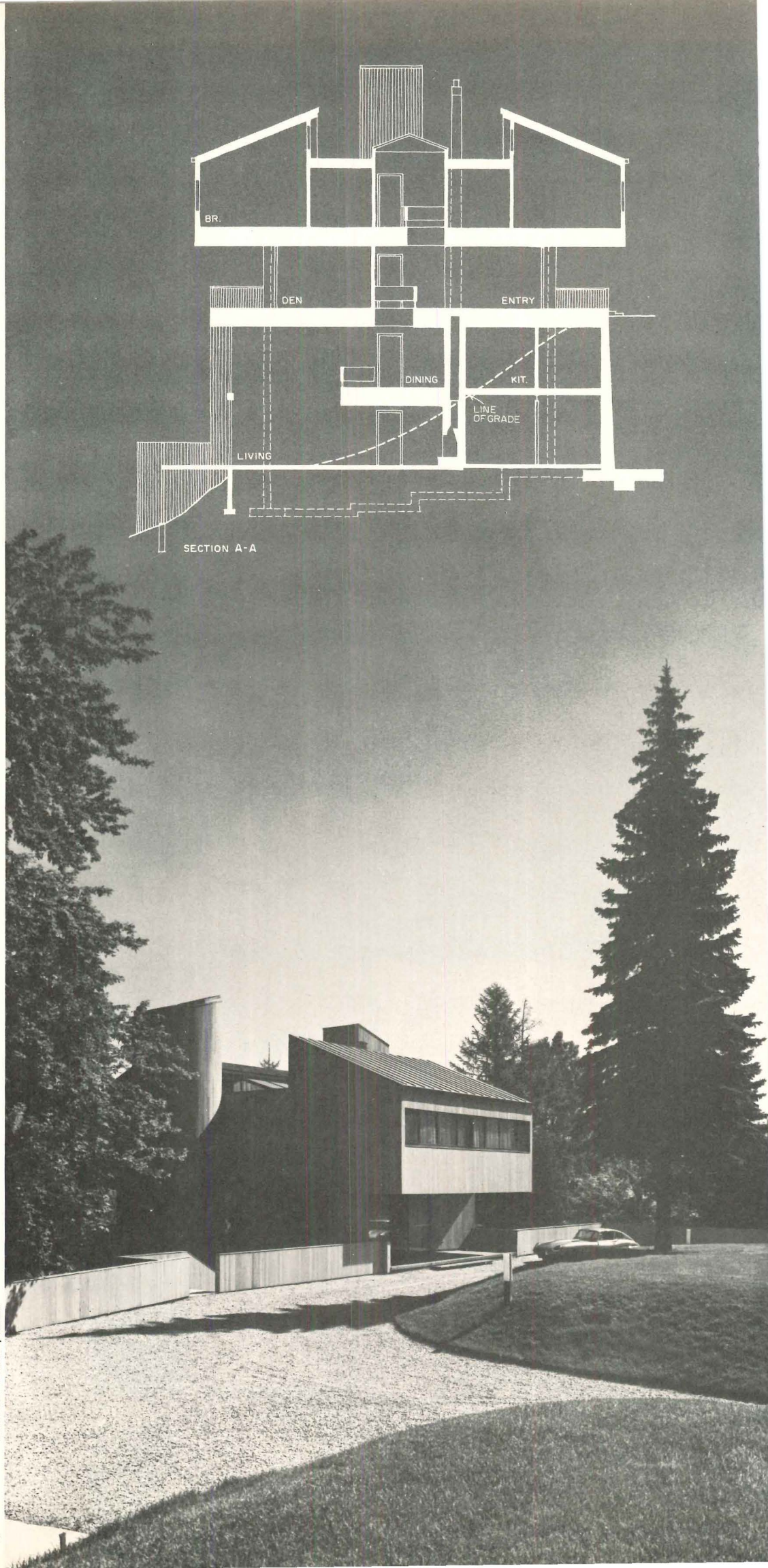
Having found—in the built-up neighborhood where he had lived for many years—a steep-sided vacant lot that was considered unbuildable, he approached the siting with authority. Instead of a scheme using posts or uneven foundations, Blum excavated the triangular portion of earth shown in the section (right). Then, using a two-story retaining wall he created a horizontal platform on which he erected a steel frame supported by four columns. Masonry wing walls (plan overpage) 28 feet apart, reinforce the retaining wall and provide shear support for the columns. The masonry tubes for stair and elevator stiffen the structure and the frame construction atop the uppermost steel floor. The entire building was then sheathed in 1 by 4 cedar boards. That visual unity contrasts dramatically with the bold overhangs at either end of the top floor.

Thus, in an extremely compact form, Blum has accomplished his two siting goals: to have the house, from the downhill side (far right) appear to rise firmly from the earth and from the uphill side (right) to match the scale of the neighboring traditional wood houses. By placing the long dimension of the house across the contours, he also avoided cutting any of the mature spruce trees, including one which helps hide the house from the road.

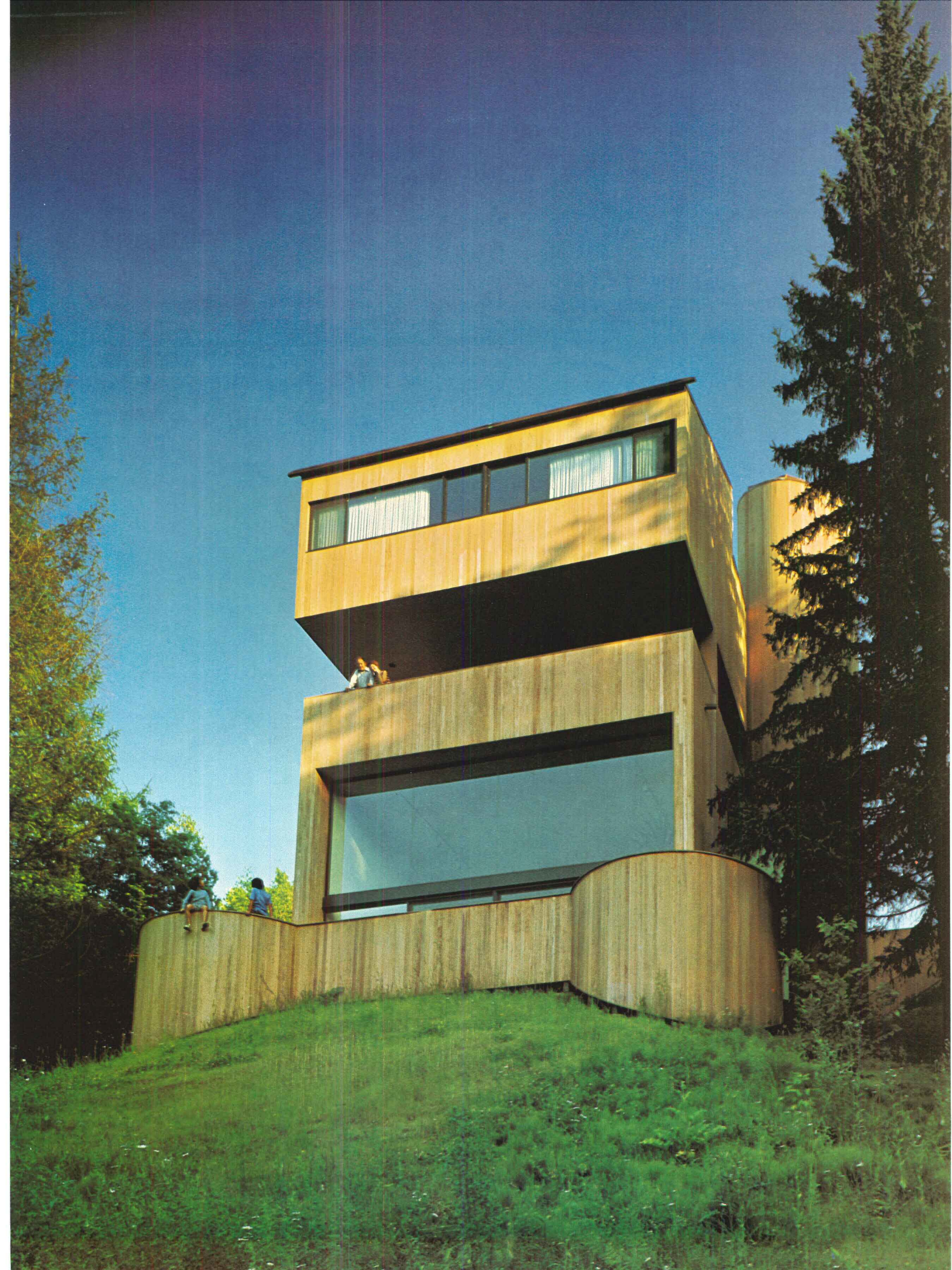
*Architects:* SIGMUND F. BLUM and HARTURUN VAPORCIYAN of Blum, Vaporciyan and Mitch, Inc. *Owner:* Sigmund Blum. *Location:* Franklin, Michigan. *Engineers:* Veral Memduh (structural), Jack Meek (mechanical). *Contractor:* Dennis Rouix.



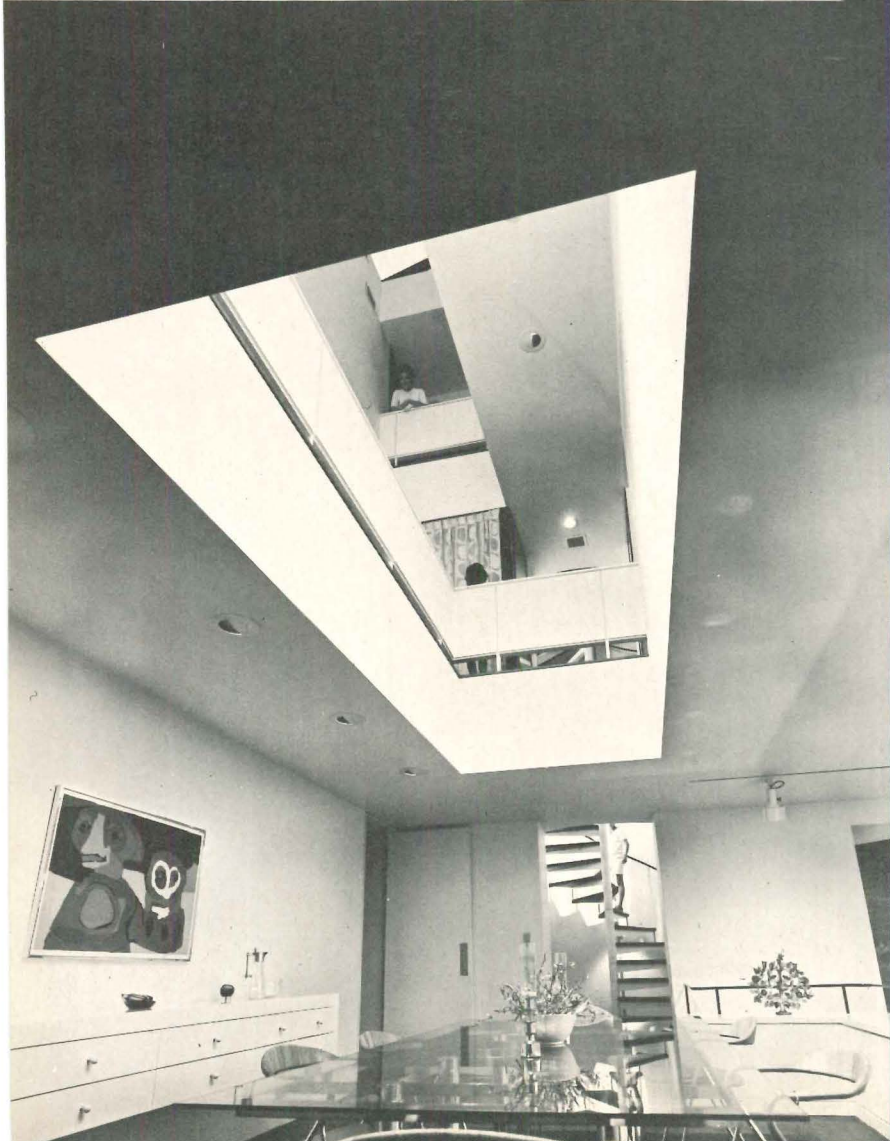
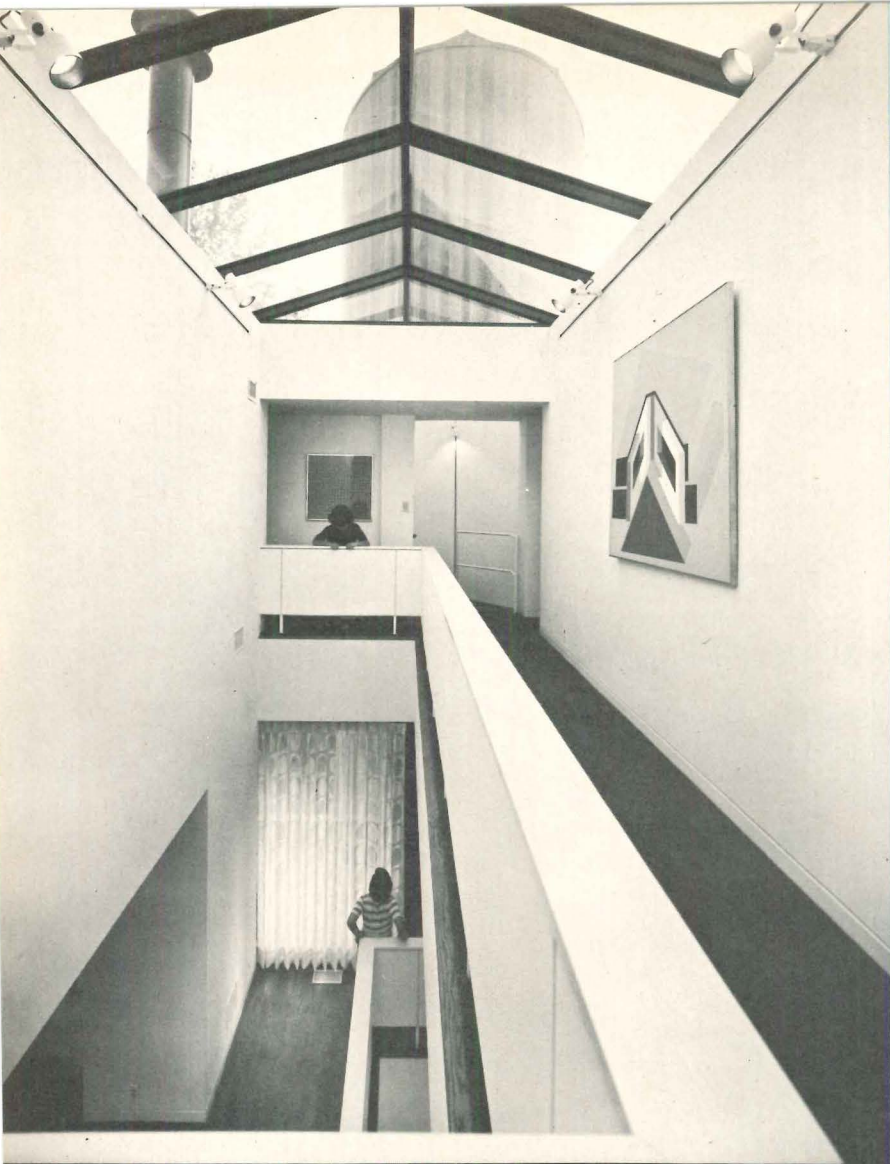
Balthazar Korab photos



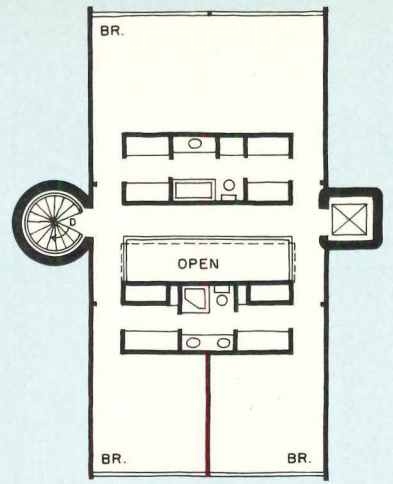




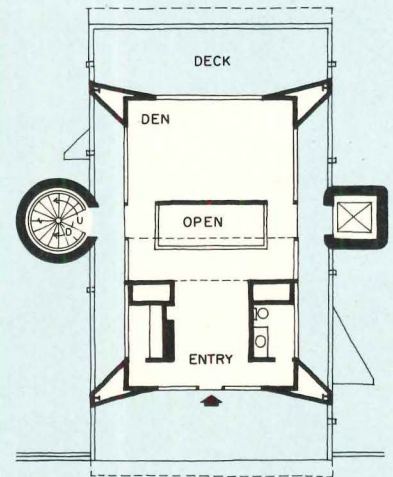




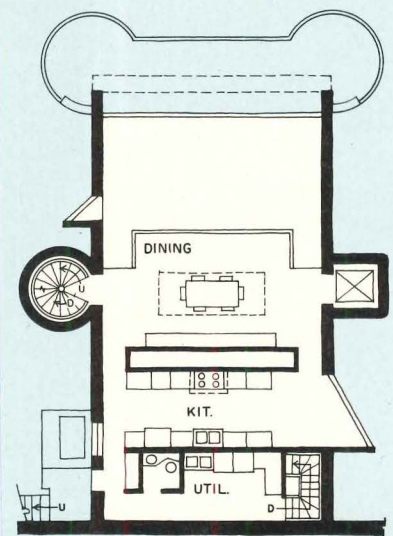
Communication between floors in the Blum house is facilitated by the elevator and by the slot in each floor. "We installed an intercom," says the architect, "but no one ever uses it. We just holler." From the entry level, one can look up to the skylight and down past the dining room to the living room floor—quite a surprise to anyone who thought he was approaching a two-story house when he drove in. Another surprise is the clear-span glass wall in the living room, across page. What appears to be a single pane the width of the room is four pieces of polished plate glass butted and caulked with a transparent elastomeric sealant.



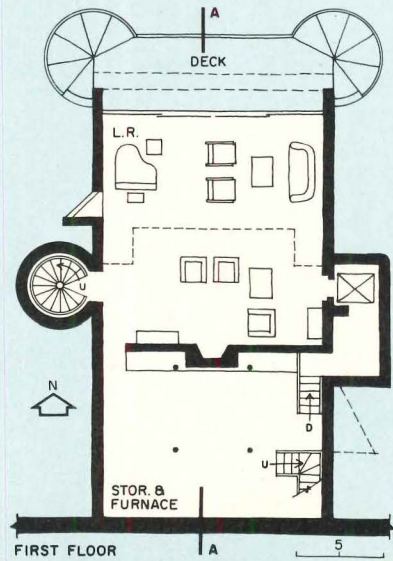
FOURTH FLOOR



THIRD FLOOR

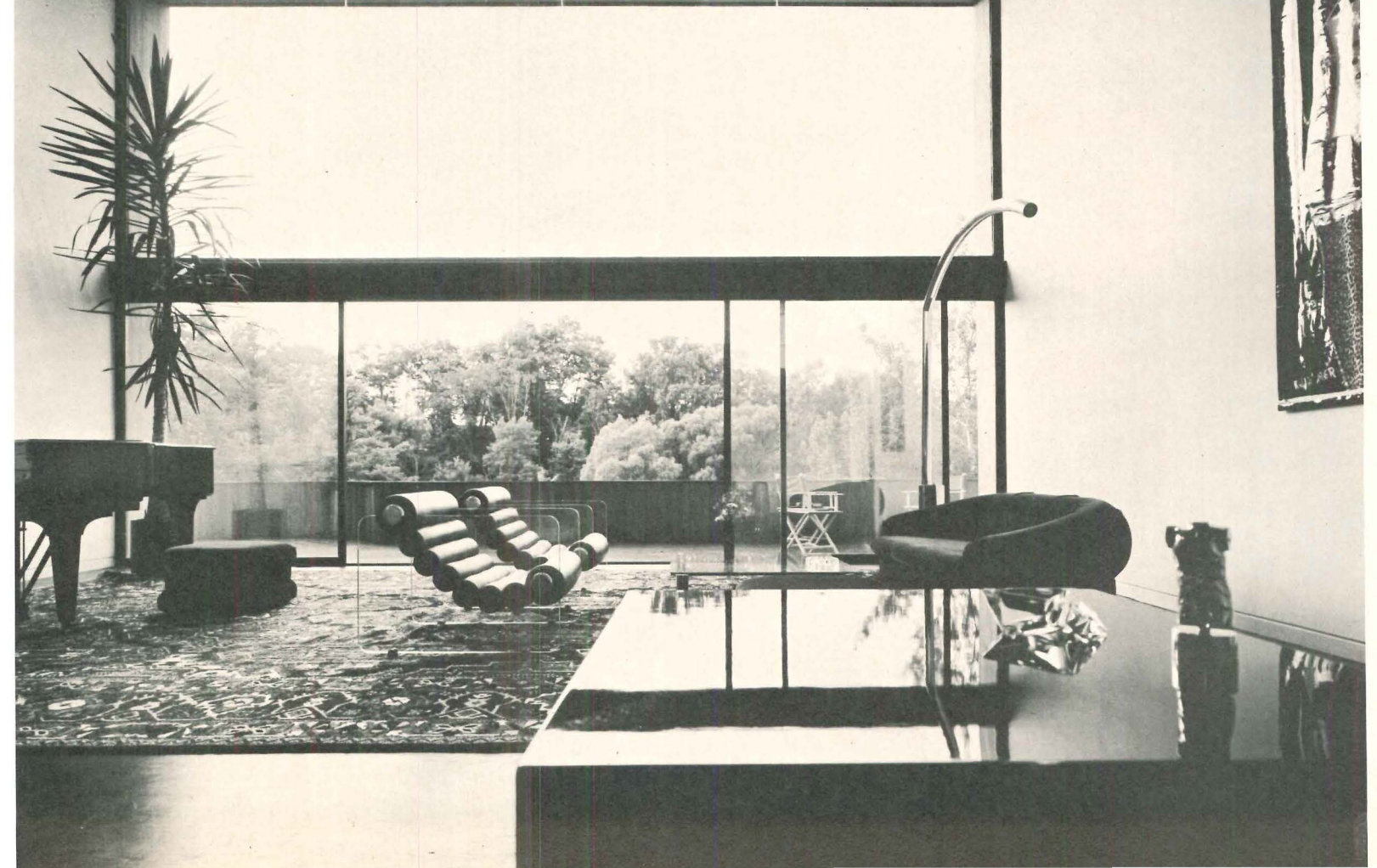
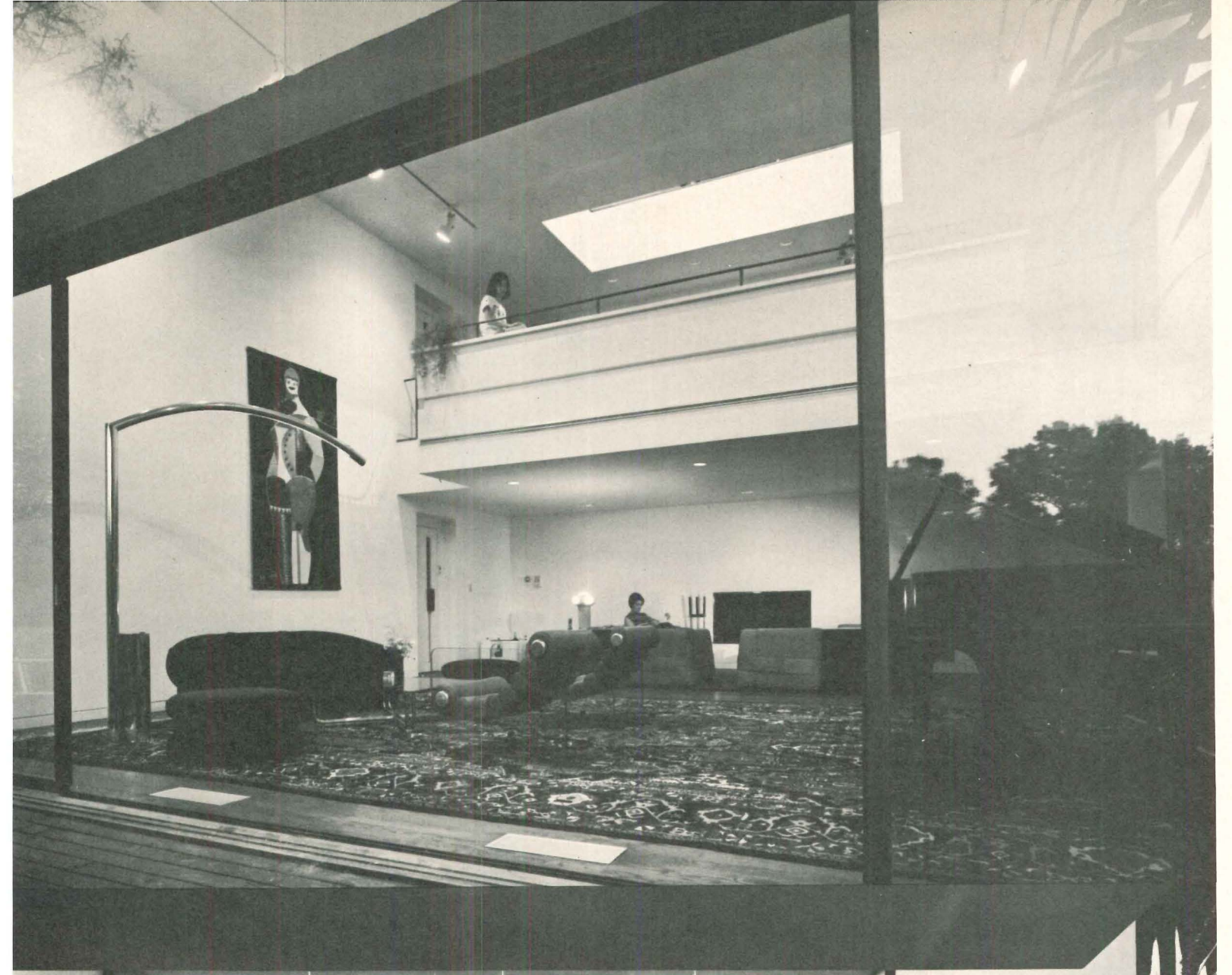


SECOND FLOOR



FIRST FLOOR


































## ARCHITECTS OF THE RECORD HOUSES OF 1972

Listed in order of appearance in the magazine

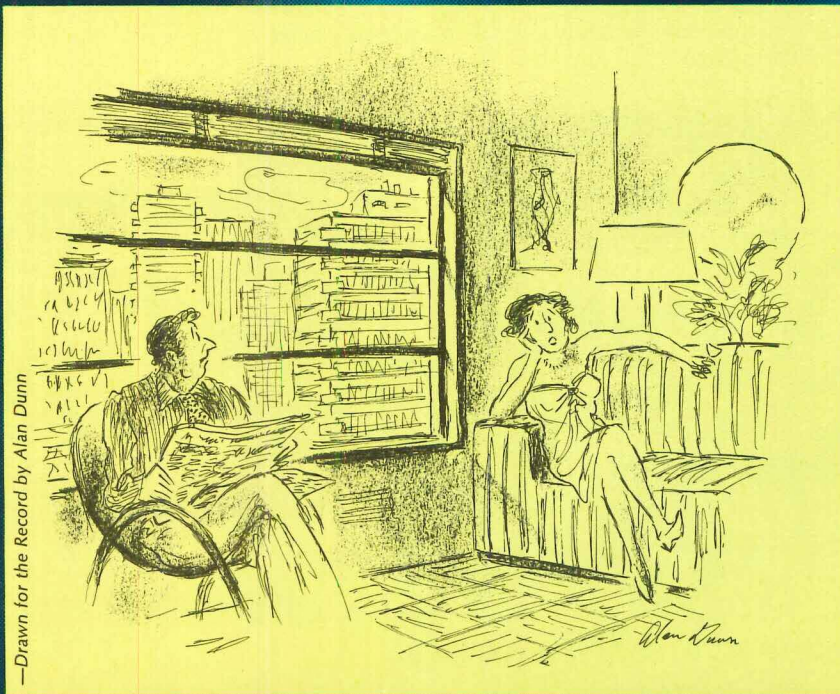
- |                                                                                     |    |                                                                                                                                            |                                                                                       |    |                                                                                                                                                                              |
|-------------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | 20 | <b>RICHARD HENDERSON</b><br>300 East 33 Street<br>New York, New York 10016                                                                 |    | 50 | <b>ARTHUR COTTON MOORE</b> of<br>Arthur Cotton Moore and Associates<br>1214 28th Street, NW<br>Washington, D.C. 20007                                                        |
|    | 24 | <b>JOHN FIELD</b> of<br>Bull Field Volkman Stockwell<br>350 Pacific Avenue<br>San Francisco, California 94111                              |     | 52 | <b>ARTHUR COHEN</b> and <b>JOSEPH MAYBANK</b> of<br>Architectural Resources Cambridge, Inc.<br>102 Mt. Auburn Street<br>Cambridge, Massachusetts 02138                       |
|    | 26 | <b>BARBARA</b> and <b>JULIAN NESKI</b><br>29 East 61 Street<br>New York, New York 10021                                                    |    | 54 | <b>WENDELL H. LOVETT</b><br>14445 SE 55<br>Bellevue, Washington 98004                                                                                                        |
|    | 30 | <b>NEIL ASTLE</b> of<br>Neil Astle and Associates<br>10906 Bel Air Drive<br>Omaha, Nebraska 68144                                          |    | 58 | <b>JAMES McLEOD</b><br>343 East 30 Street<br>New York, New York 10016                                                                                                        |
|    | 32 | <b>REMMERT HUYGENS</b> and <b>ANTHONY TAPPÉ</b> of<br>Huygens and Tappé<br>462 Boylston Street<br>Boston, Massachusetts 02116              |     | 60 | <b>WILLIAM TURNBULL</b> and <b>RICHARD GARLINGHOUSE</b> , MLTW/Turnbull Associates<br>Pier 1½, The Embarcadero<br>San Francisco, California 94111                            |
|   | 36 | <b>D. E. HOLMES</b><br>5440 Mariner Drive<br>Tampa, Florida 33609                                                                          |    | 62 | <b>LAURENCE BOOTH</b> and <b>JAMES NAGLE</b> of<br>Booth and Nagle<br>109 West Hubbard Street<br>Chicago, Illinois 60610                                                     |
|  | 38 | <b>RODNEY FRIEDMAN</b> of<br>Fisher-Friedman Associates<br>242 California Street<br>San Francisco, California 94111                        |  | 66 | <b>ALFRED DeVIDO</b><br>240 East 61 Street<br>New York, New York 10021                                                                                                       |
|  | 40 | <b>BARBARA</b> and <b>ALLAN ANDERSON</b><br>Mead Pond Lane<br>Rye, New York 10580                                                          |  | 70 | <b>CARL ABBOTT</b><br>1218 First Street<br>Sarasota, Florida 33577                                                                                                           |
|  | 44 | <b>HENRI CHARLES GUERON</b> of<br>Gueron, Lepp & Associates<br>132 Madison Avenue<br>New York, New York 10016                              |   | 72 | <b>IRVING WEINER</b> and <b>WARREN GRAN</b> of<br>Davis Brody & Assocs., 130 E. 59 St.,<br>New York City, and Weiner Gran Associates,<br>One Main Street, Brooklyn, New York |
|  | 46 | <b>WORLEY WONG</b> and <b>RONALD BROCCHINI</b> of<br>Wong, Brocchini and Associates<br>737 Beach Street<br>San Francisco, California 94109 |   | 74 | <b>SIGMUND BLUM</b> and <b>HARTURUN VAPORCIYAN</b> , Blum, Vaporciyan and Mitch, Inc., Suite 1900 Fisher Building<br>Detroit, Michigan 48202                                 |

## ARCHITECTS OF THE APARTMENTS OF THE YEAR 1972

- |                                                                                     |    |                                                                                                                                                |                                                                                       |    |                                                                                                                                                                                |
|-------------------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 80 | <b>EDMUND BURGER</b> and <b>PATRICIA COPLANS</b> of<br>Burger and Coplans, Inc.<br>Westwind Basin, 1 Fifth Avenue<br>Oakland, California 94606 |  | 90 | <b>ALDEN R. BERMAN</b> of<br>Alden Berman Associates<br>43 Whitney Avenue<br>New Haven, Connecticut 06510                                                                      |
|  | 82 | <b>JOHN O'BRIEN</b> and <b>JOHN ARMSTRONG</b> of<br>O'Brien and Armstrong<br>116 Caledonia Street<br>Sausalito, California 94965               |  | 92 | <b>ANTOINE PREDOCK</b><br>300 12th Street, NW<br>Albuquerque, New Mexico 87102                                                                                                 |
|  | 84 | <b>TAI SOO KIM</b> and <b>NEIL TATY</b> of<br>Hartford Design Group<br>470 Asylum Street<br>Hartford, Connecticut 06103                        |   | 94 | <b>ALLEN MOORE, JR.</b> , <b>JOHN B. ROGERS</b> and<br><b>JAMES M. MCCONNELL</b> of Rogers Moore and<br>Associates, 806 Massachusetts Avenue<br>Cambridge, Massachusetts 02139 |
|  | 88 | <b>DONALD SANDY, JR.</b> and <b>JAMES BABCOCK</b><br>1827 Union Street<br>San Francisco, California 94123                                      |   | 96 | <b>JONATHAN BULKLEY</b> and <b>IGOR SAZEVICH</b> of<br>Bulkley & Szevich<br>1154 Clement Street<br>San Francisco, California 94118                                             |



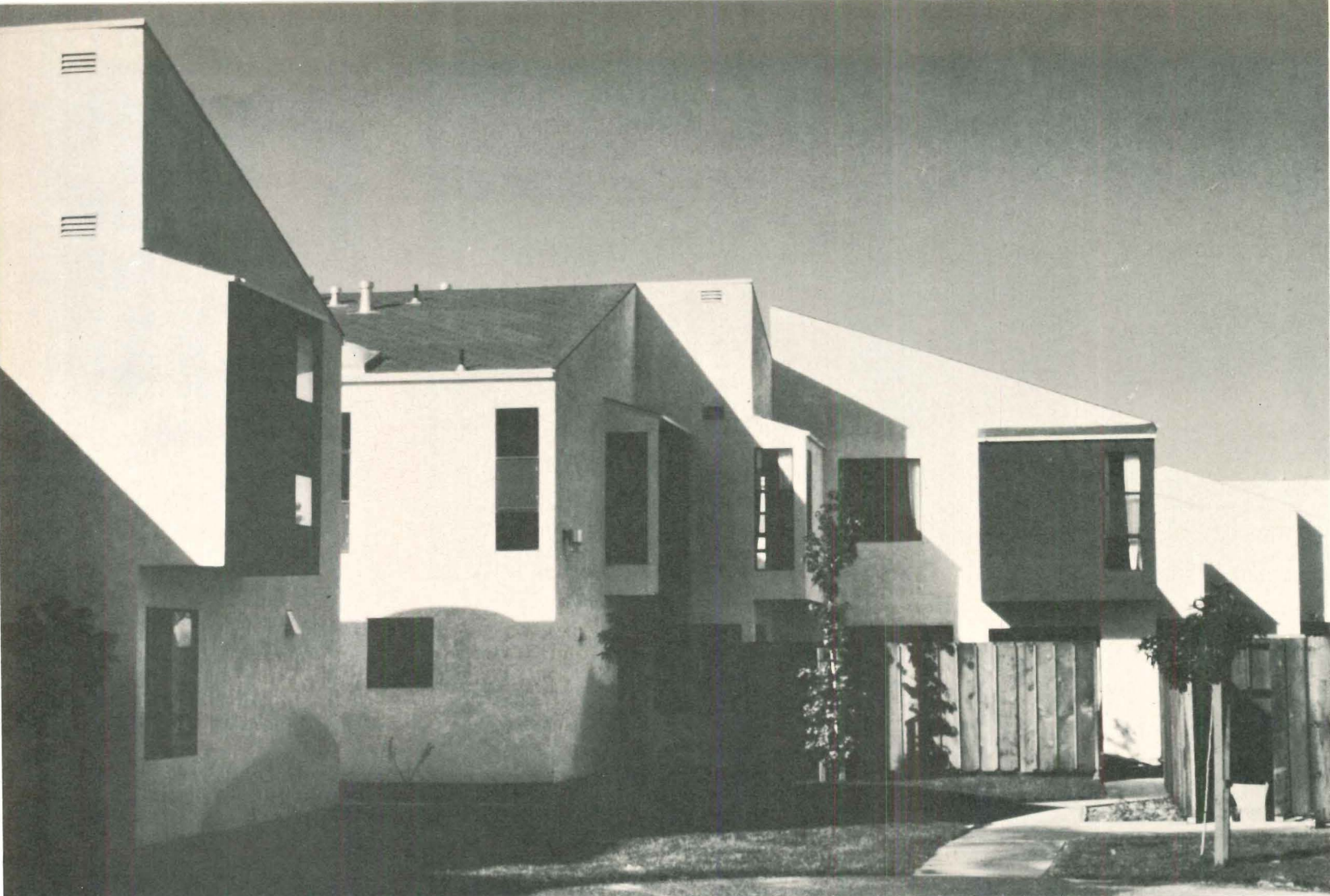
# איך לאהוב את הארץ?



—Drawn for the Record by Alan Dunn

"My idea of heaven is a town house in the city and an apartment in the country."



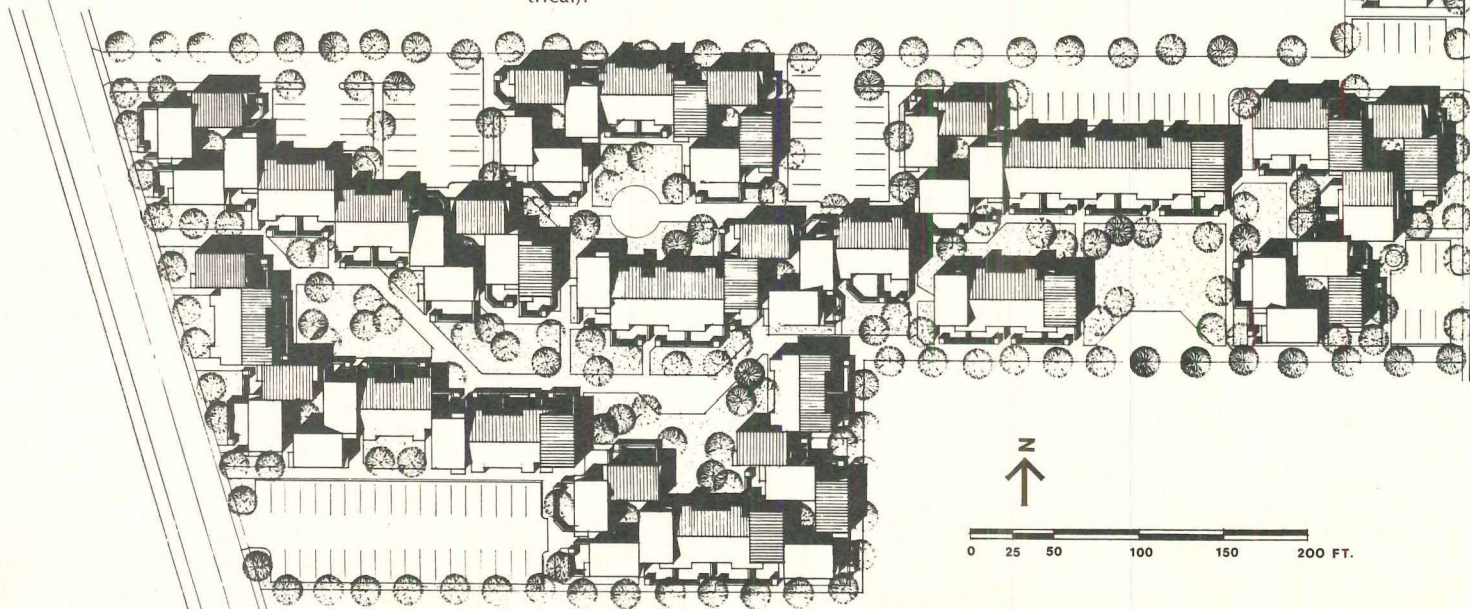


Color photo by architects, others by Joshua Freiwald

Crescent Village, 106 units of 221(d)3 housing in Suisun City, California by Burger and Coplans, has a number of qualities that distinguish it from public housing in general. First, it is mostly three- and four-bedroom units (except for 18 studio apartments for elderly residents on a nearby site) that are so desperately needed by large families. Second, it makes use of somewhat swampy land that had not previously been built upon. Third, it was extremely inexpensive (\$9.50 per square foot for the buildings). Fourth, through the use of bright color and such scale-giving elements as projecting bays on each house, wood fences and tiny

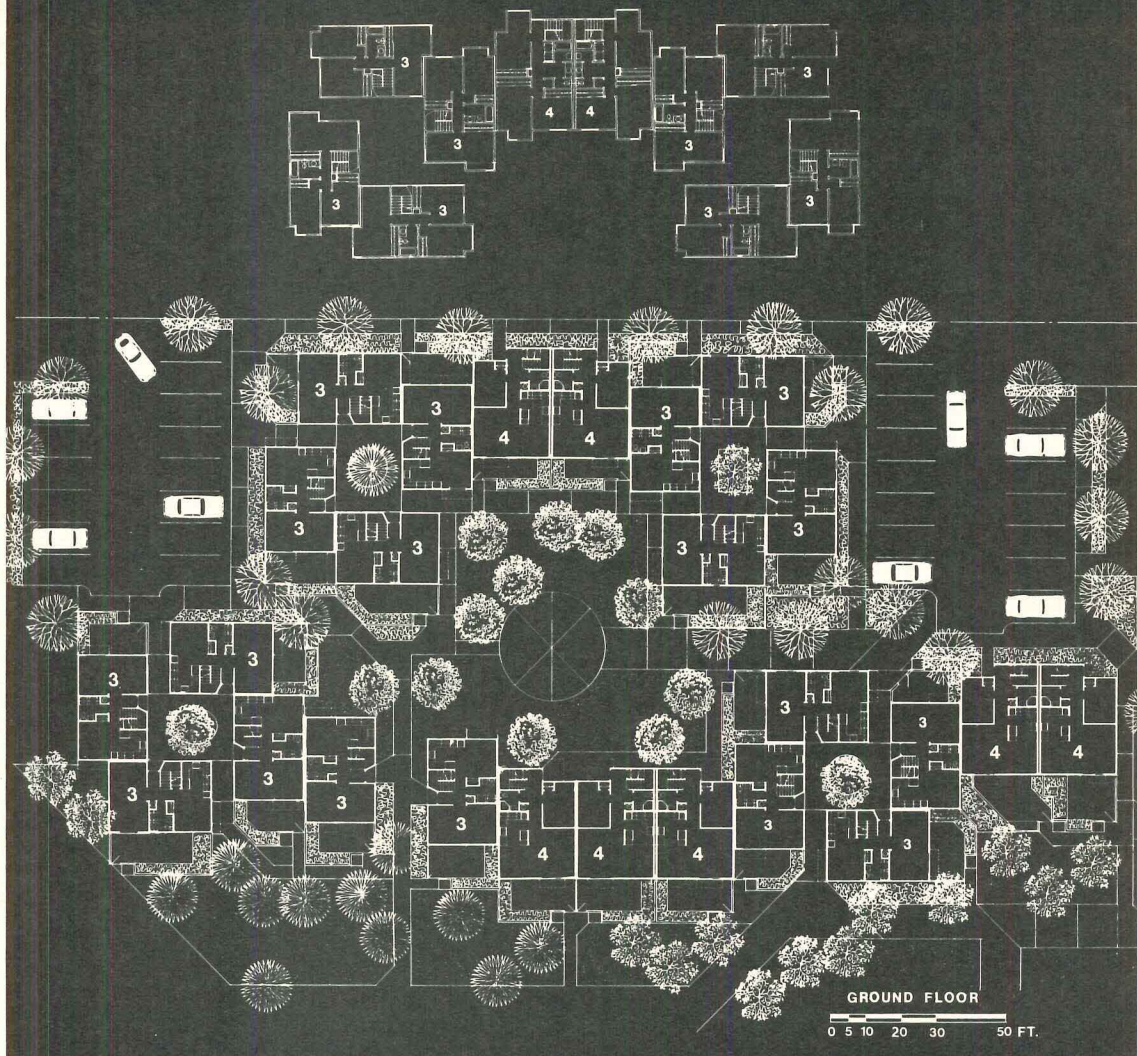
entry courts, it seems an extraordinarily pleasant place to live. Finally, the units themselves are somewhat larger than average. One interesting result of the construction of this project is that Suisun City, which has recently had a marginal economy, now foresees a period of growth, and the architects of Crescent Village have been asked to serve as the town's planners.

*Architects:* EDMUND G. BURGER and PATRICIA A. COPLANS of Burger and Coplans, Inc. *Owner, developer and contractor:* Paul Bryan, Jr. *Location:* Suisun City, California. *Engineers:* Geoffrey Barrett (structural); Tage Hansen (electrical).

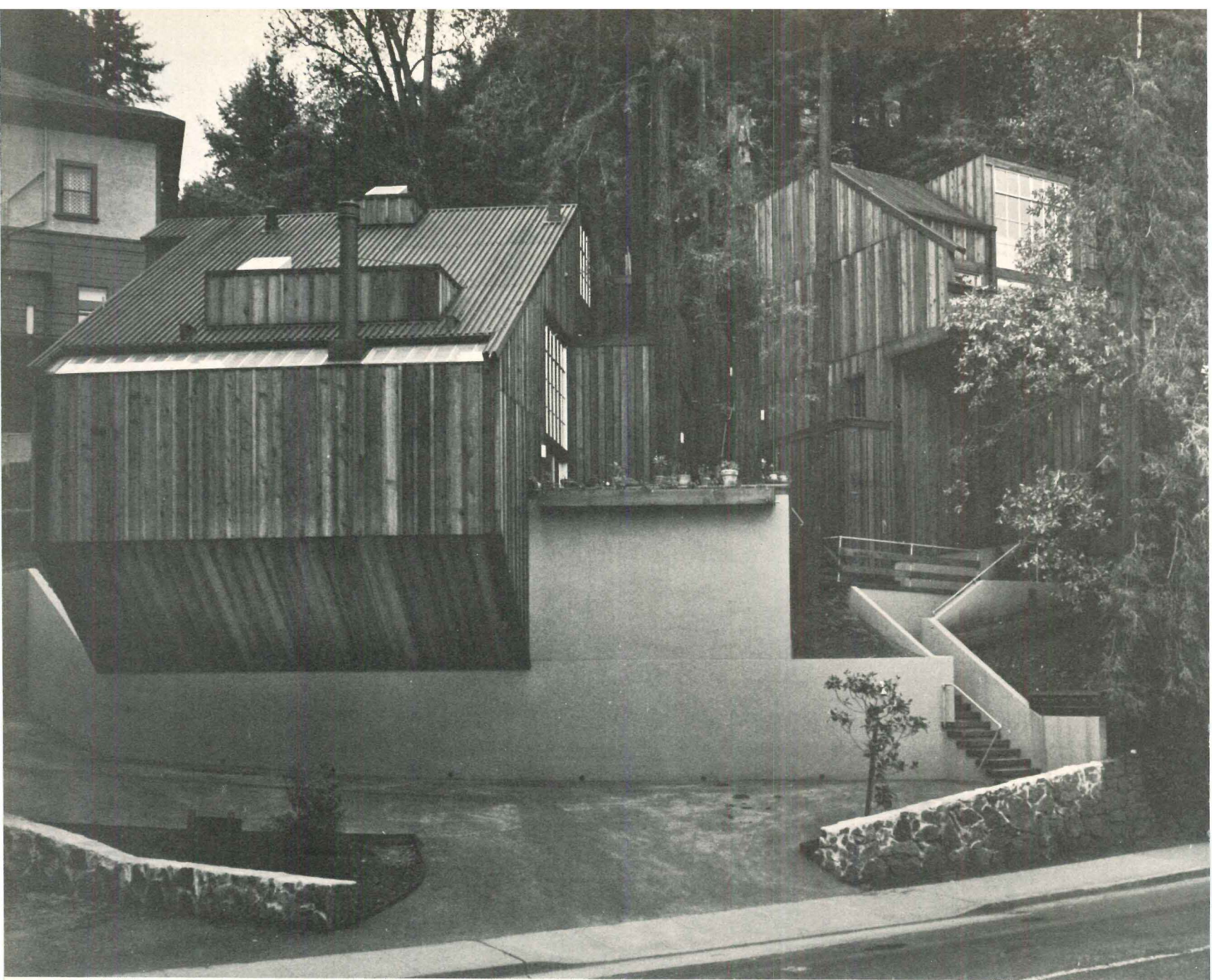




In order to achieve the necessary density of 21 units per acre, the architects developed a side-entry three-bedroom unit (right) and grouped some of them around entry courts barely twenty feet square. The bright piece of graphics (below) was designed by the architects. The houses across page are situated on the south-west corner of the square with the round paving (right).



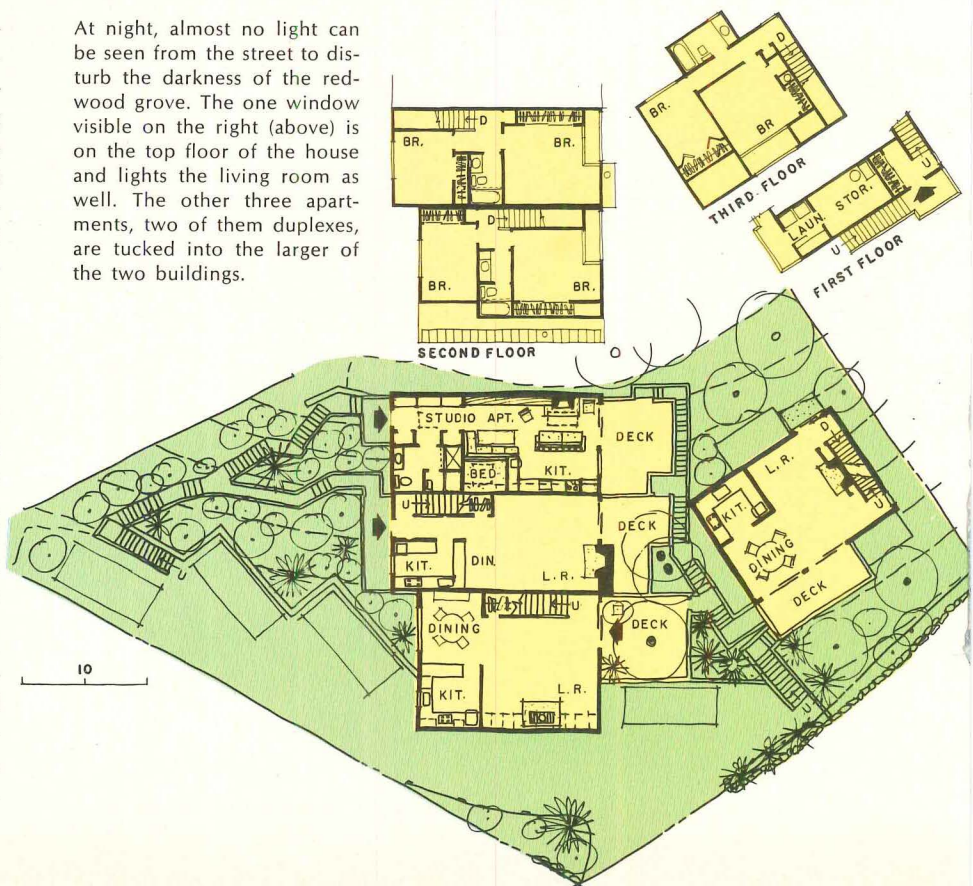




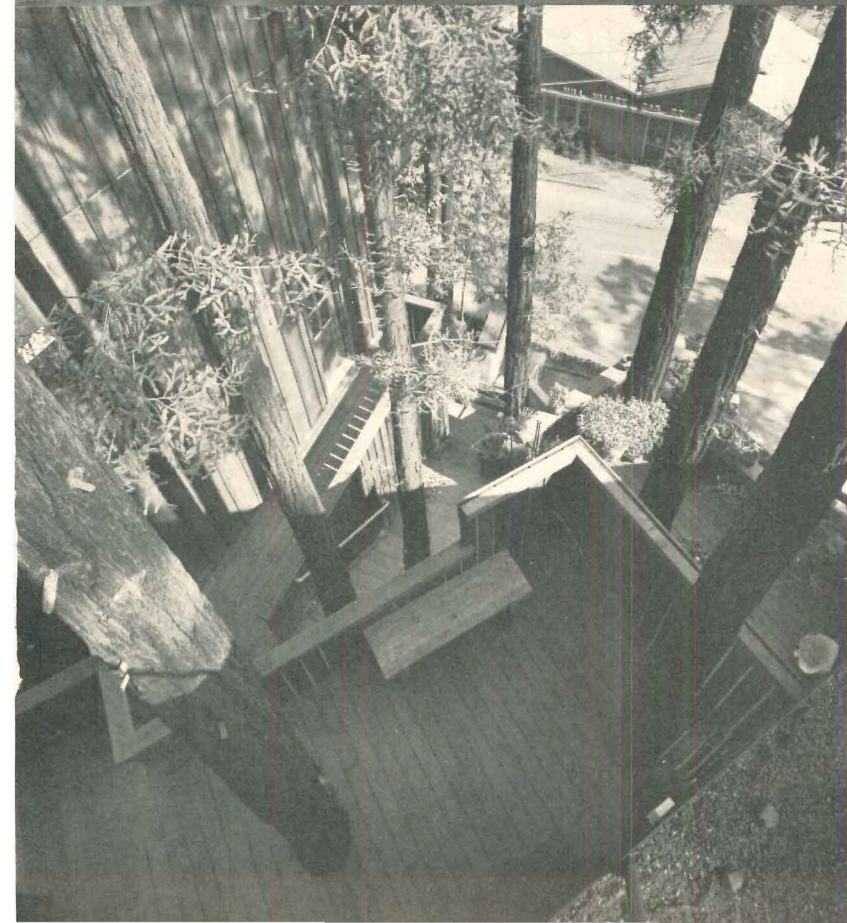
Difficult site conditions were largely responsible for the rugged, idiosyncratic character of this housing in Mill Valley, California. Architects O'Brien and Armstrong began by fitting as many parking spaces as possible on the small level area adjacent to the street. The resulting position of the retaining wall and the existing redwood and bay trees on the steep, wooded portion determined the location of the two structures. There are three apartments in the building atop the wall and one in the house to the right, a total limited by parking space and not by zoning which would have allowed 16 units on the two-acre site. Since there is no view from the hillside, all windows in the larger building look out to the sides. The weathering steel roof and the redwood rough-sawn board and batten siding help the buildings to seem at home among the long lines of the nearby trees.

*Architects:* JOHN O'BRIEN and JOHN ARMSTRONG of O'Brien and Armstrong. *Owner:* Kal Lines. *Location:* Mill Valley, California. *Engineers:* Schaff and Jacobs (structural); Arthur T. Knutson (soils). *Contractor:* Warren H. Holmes.

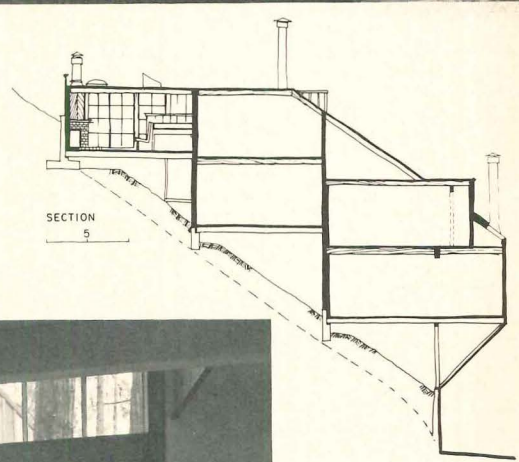
At night, almost no light can be seen from the street to disturb the darkness of the redwood grove. The one window visible on the right (above) is on the top floor of the house and lights the living room as well. The other three apartments, two of them duplexes, are tucked into the larger of the two buildings.







The extraordinary steepness of the site is apparent in the section, in the retaining walls and stairways (above) and in the view (left) looking down onto the decks of the duplex apartments that have been carefully fitted in among the redwoods. One grows through the middle of the deck outside the lowest apartment (below).



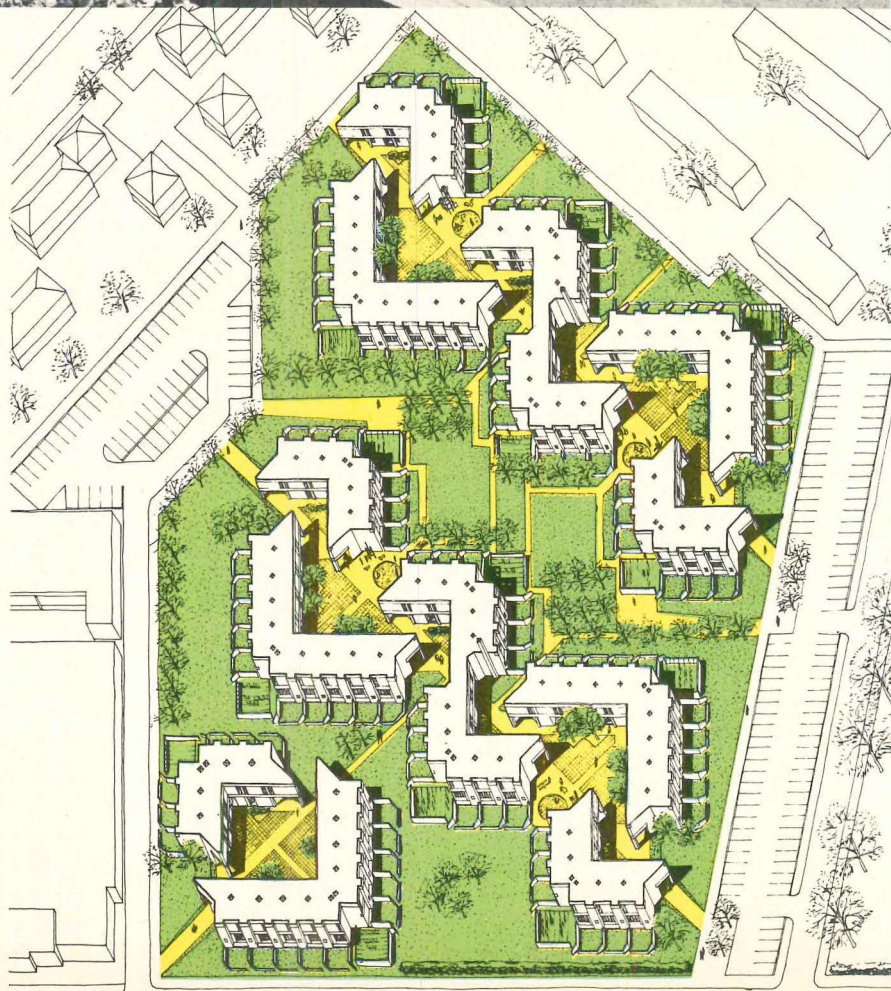
Philip Molten photos



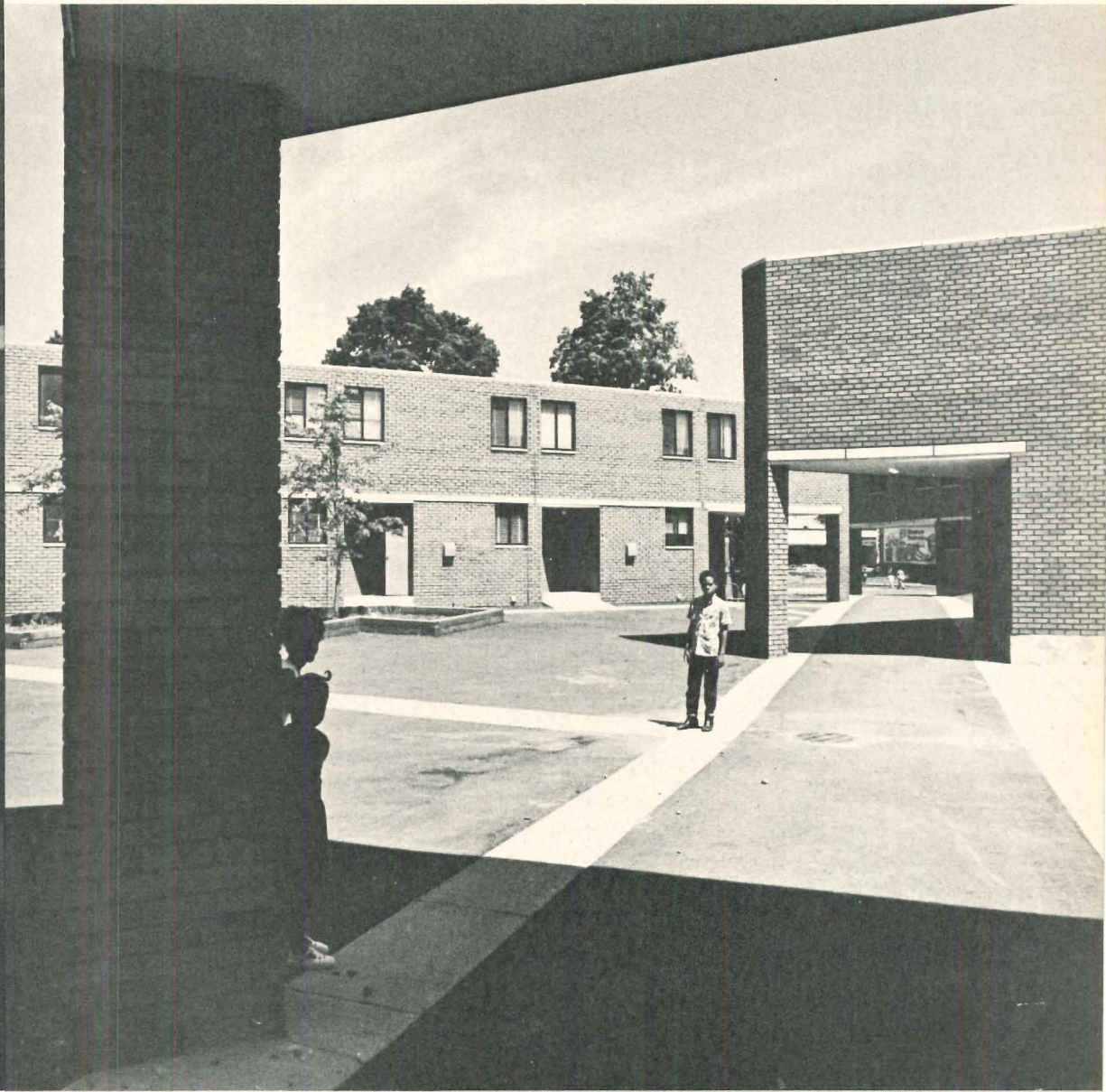
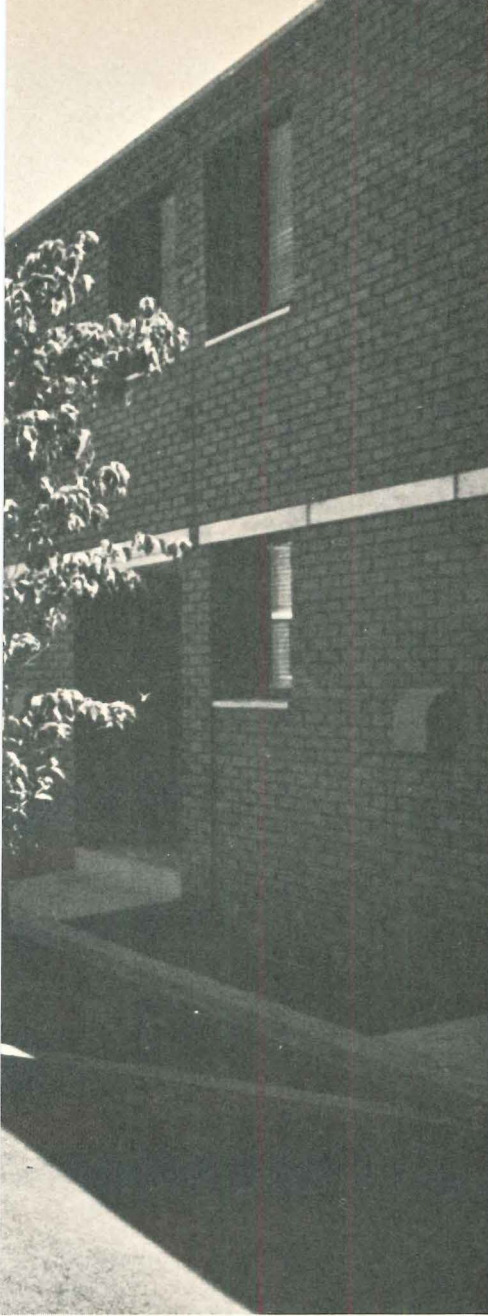


The Martin Luther King, Jr. Community, a HUD 221(d)3 project by the Hartford Design Group, is the strongest example, in formal terms, included in the 1972 Apartments of the Year collection. Tai Soo Kim, the designer, has developed a linear scheme which clearly differentiates between community and private outdoor areas. He wanted to express the relationship of each family's home to the community by emphasizing the approach sequence. Thus, paved streets and courts, with "gates" formed by the buildings themselves (above) lead one from the city street to his door. These courts, adjacent to the kitchens of each unit, are meant for neighborly socializing and children's play. In contrast, the private areas, open off the living rooms (right) and have grass and trees. The project has 112 units altogether of which 88 have three or three-and-a-half bedrooms; the building cost was \$16.50 per square foot in 1970.

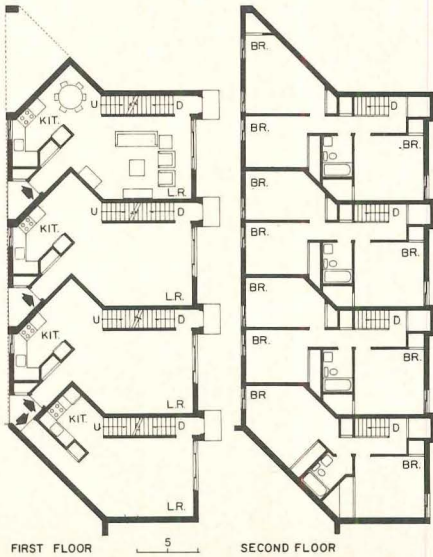
*Architects:* TAI SOO KIM and NEIL R. TATY of the Hartford Design Group; *Owner:* Van Block Housing Corporation. *Location:* Hartford, Connecticut. *Engineers:* Bounds and Griffes (structural); Jacob Koton Associates (mechanical). *Contractor:* Carabetta Enterprises, Inc.







The neatly detailed concrete and brick bearing wall buildings form courts (above) in which communal activities are concentrated. On the opposite side (right), grassy private spaces have been provided. Each unit (below) is a duplex with bedrooms above, assuring reasonable cross-ventilation. The recessed entry has built-in rubbish storage, a detail often overlooked in multi-family housing design.







Thomas A. Abels photos

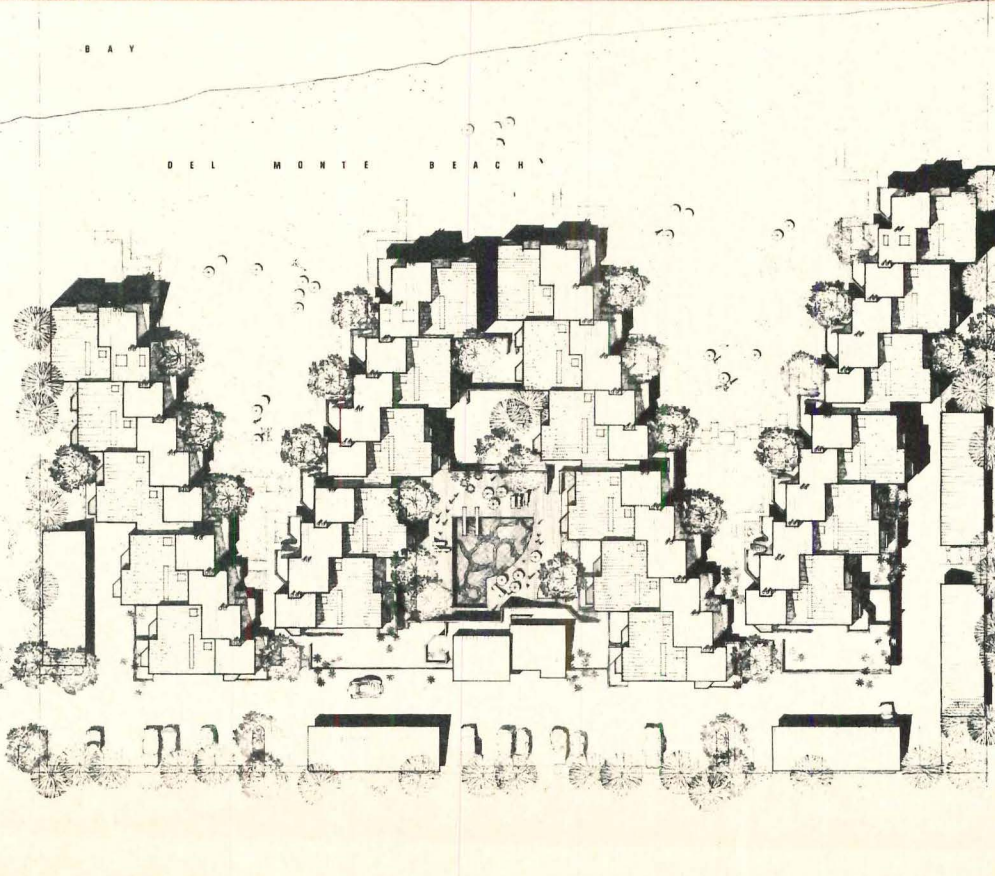
Architects Donald Sandy and James Babcock have gently placed Ocean House, with 84 apartments, on the sloping sand above the beach at Monterey, California, by using wood pole construction. Thus, the sand can shift and adjust itself naturally around and under the buildings over the years. Since one-third of the site, which Donald Phillips, the developer owned, is public beach, the architects chose a solution which would make the complex seem as naturally and intimately integrated to the beach and the water as possible. The four buildings step horizontally and vertically in order to achieve maximum adaptation to the topography. They form a large "W" on the site, providing two spaces which open toward the beach and one enclosed space surrounding a pool. Every unit has a water view and direct access to the beach. Standard wood framing tied to the pole foundations allows the upper floor of each apartment to have a sloping ceiling with exposed beams and decking. The natural incense cedar, used for the exterior siding, will

weather to a color sympathetic to the seascape and requiring very little maintenance. Black aluminum window frames complement the wood siding and trim and are themselves highly resistant to the effects of salt water spray. Black asphalt shingles are used to emphasize and define the stepped roof planes which slope toward the water. Covered parking is provided on the uphill side of the site, under the building itself and a group of simple sheds. Photo (far right), shows informal outdoor circulation that links apartments to each other and to the beach.

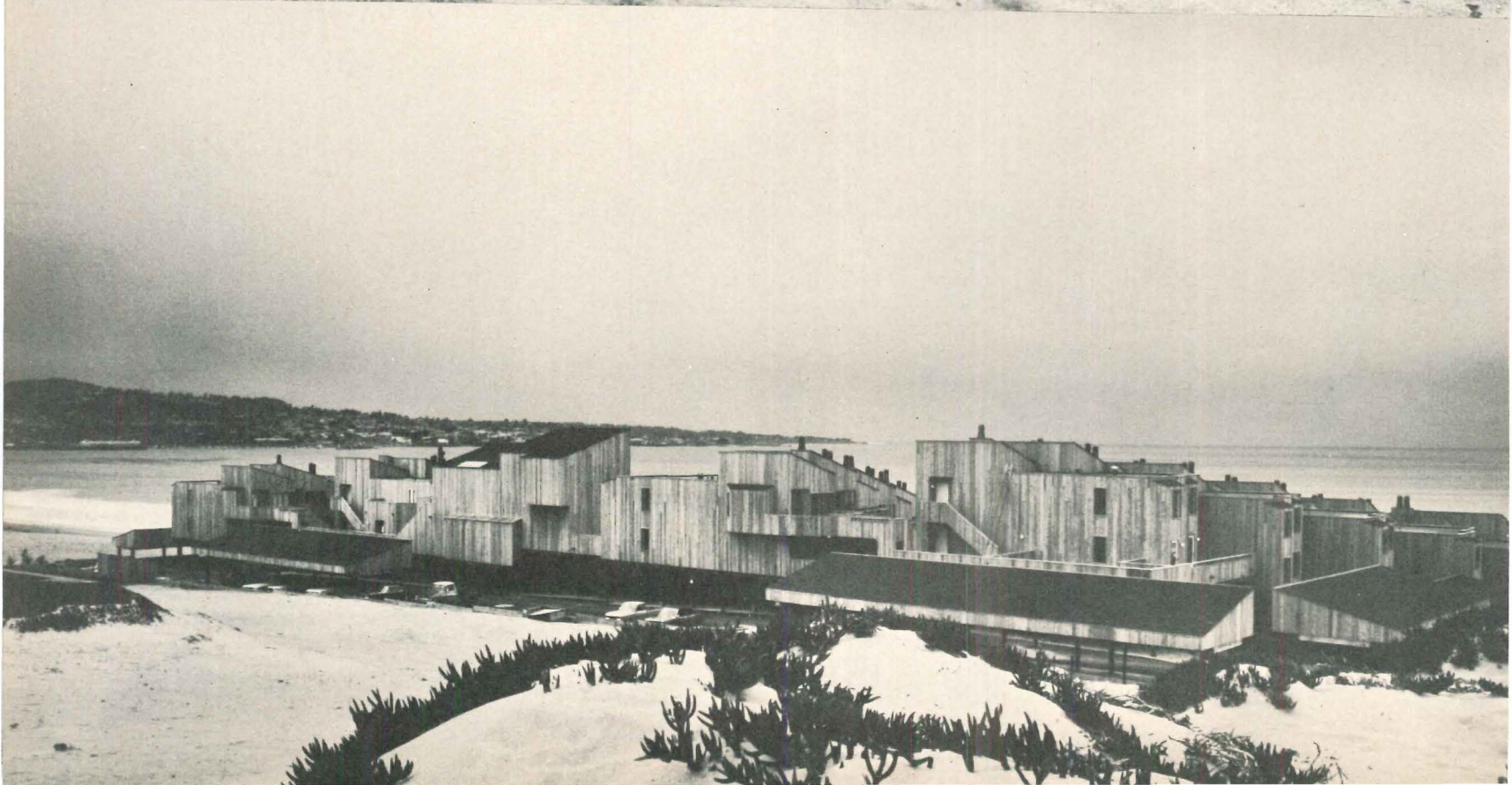
-----  
*Architects:* DONALD SANDY, JR. and JAMES A. BABCOCK of Sandy and Babcock. *Location:* Del Monte Beach, Monterey, California. *Owner and developer:* Donald Phillips and Ocean House (a limited partnership). *Engineers:* Shapiro, Okino and Hom (structural); Reynolds Engineering (foundations). *Interior design:* Mary Elizabeth Phillips. *Landscape architects:* Anthony M. Guzzardo and Associates. *Contractor:* Barnhart Construction Co., Robert Chase, project director.

Carefully-detailed balconies and stairs on the living room facades (right) canted bays on the bedroom elevations (above) and paired metal chimneys combine to give Ocean House intimate scale. The limited materials, basically weathering cedar with all other elements black, produces an over-all integrity reminiscent of European fishing villages.

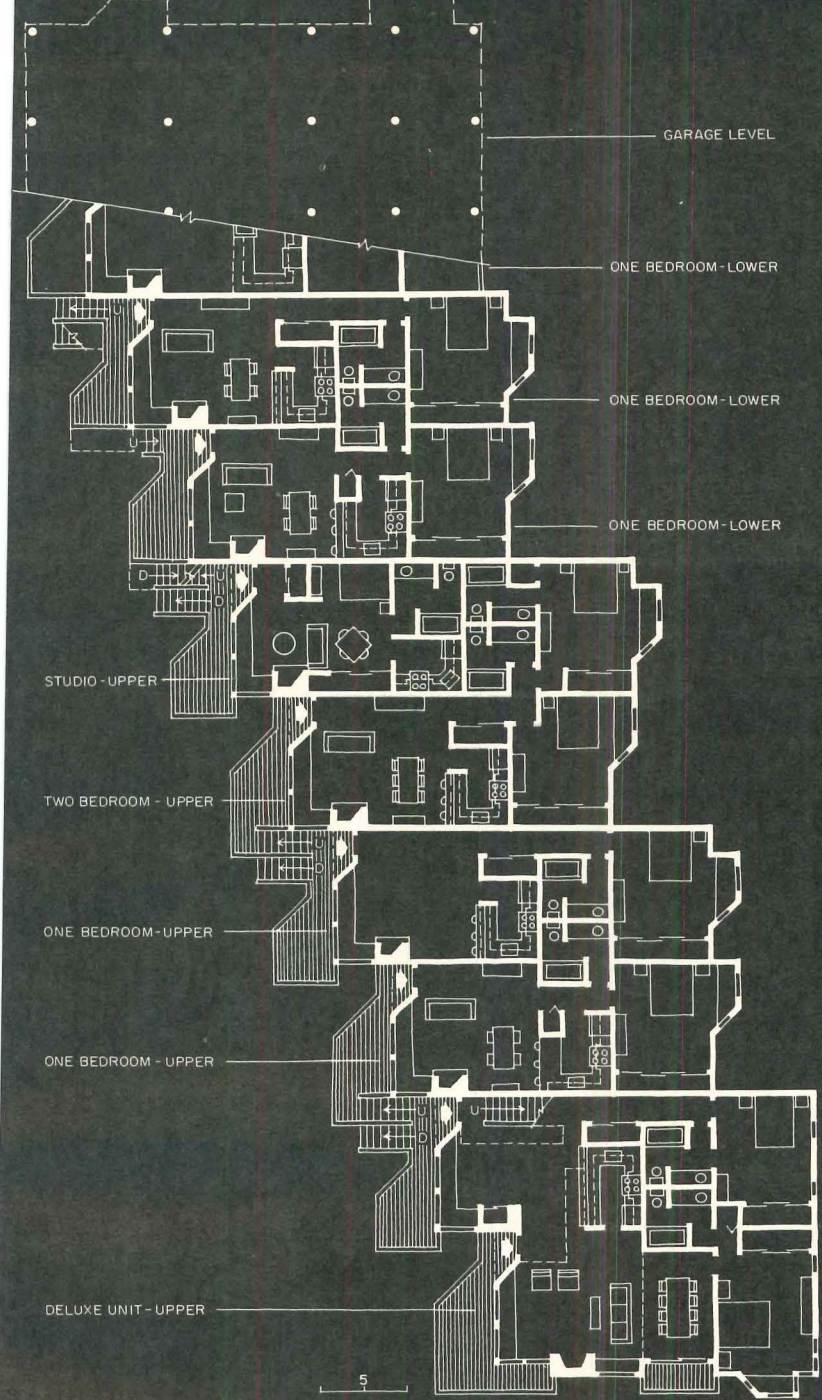












Seen from the southeast corner of the site (left) which is the highest one, Ocean House reveals little of the openness and rich scale of the side facing the water. Because the land slopes diagonally across the site, units across from each other (above left) as the space facing the ocean narrows, gain privacy since floor levels in each building are different. Units range in size from studios which have one exposure to the Bay through one- and two-bedroom units with two views to the deluxe units on the end facing the water. Those on the upper level have another bedroom over the living room.







Jack Stock photos

A young New Haven architect, Alden Berman, was co-developer of Sheffield Manor, a 36-unit project of the scattered site housing program of the New Haven Housing Authority. With his partner, Sheldon M. Liner, Berman works as a developer and general contractor as well as architect. They have completed four million dollars worth of housing in the three years that their firm, Structures Incorporated, has existed.

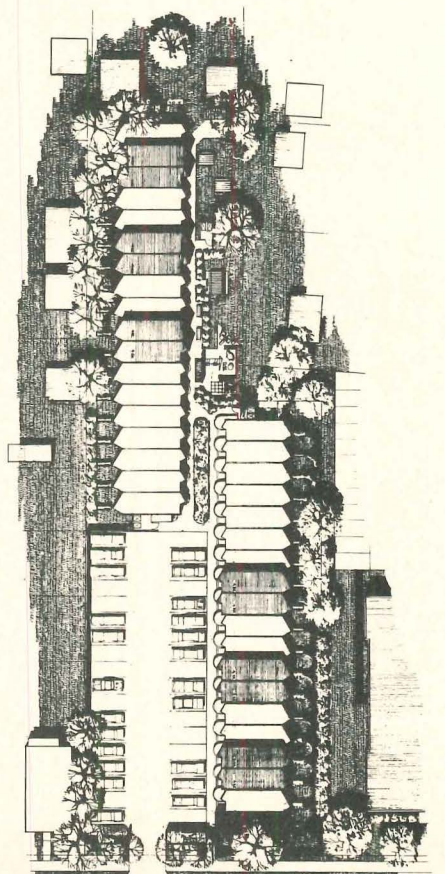
Sheffield Manor, their first major job, was produced by the team under the HUD Turnkey Program in 13 months and sold to the Housing Authority in August, 1970. It cost \$816,000. One key to the success of the operation lies in the vigor of the Authority itself. It presently operates 3200 units, more than half of which are low-rent family housing. In 1971, it had almost nine hundred more units in planning or under construction, all of which appear to be of higher than average design quality.

Tucked onto a narrow, but deep one-acre site, Sheffield Manor uses a number of design devices to mitigate the effects of its relatively high density. The two rows of houses overlap only slightly, but even at that point avoid privacy problems because the angled facades aim all windows to the

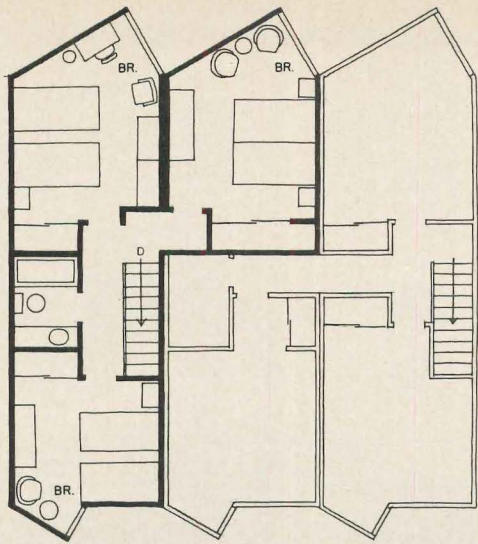
south. To the rear (across page, bottom), each unit has an extremely private yard of its own. The public spaces, including a playground designed by Berman for the almost one hundred children who live there, are designed to be easily cared for. The tenants have maintained a high degree of interest in the appearance of their neighborhood and, according to Sheldon Liner, feel that the design of the buildings is an important ingredient in determining the quality of their family and community life.

Three types of units have been provided. Twelve of the two-story row units (above) are standard two-bedroom rowhouses. Several are a pair of three bedroom units combined with an efficiency (plans across page). The third bedroom, in each case, is above the efficiency. Twelve four bedroom units, three stories high, are also included.

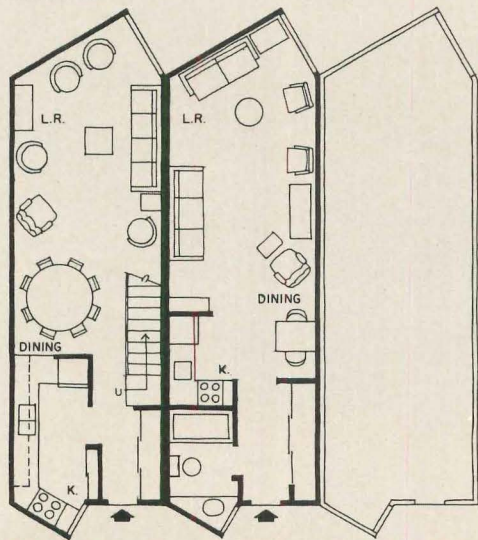
*Architect:* ALDEN R. BERMAN. *Developer and contractor:* Northeast Enterprises, Inc., a subsidiary of Structures Incorporated. *Owner:* The New Haven Housing Authority. *Engineers:* Christopher Marx Associates (structural); Giordano Associates (mechanical); Daniel Gaidosz (electrical); Donald Disbrow (sitework). *Landscape architect:* Donald Biondi of the New Haven Redevelopment Agency.



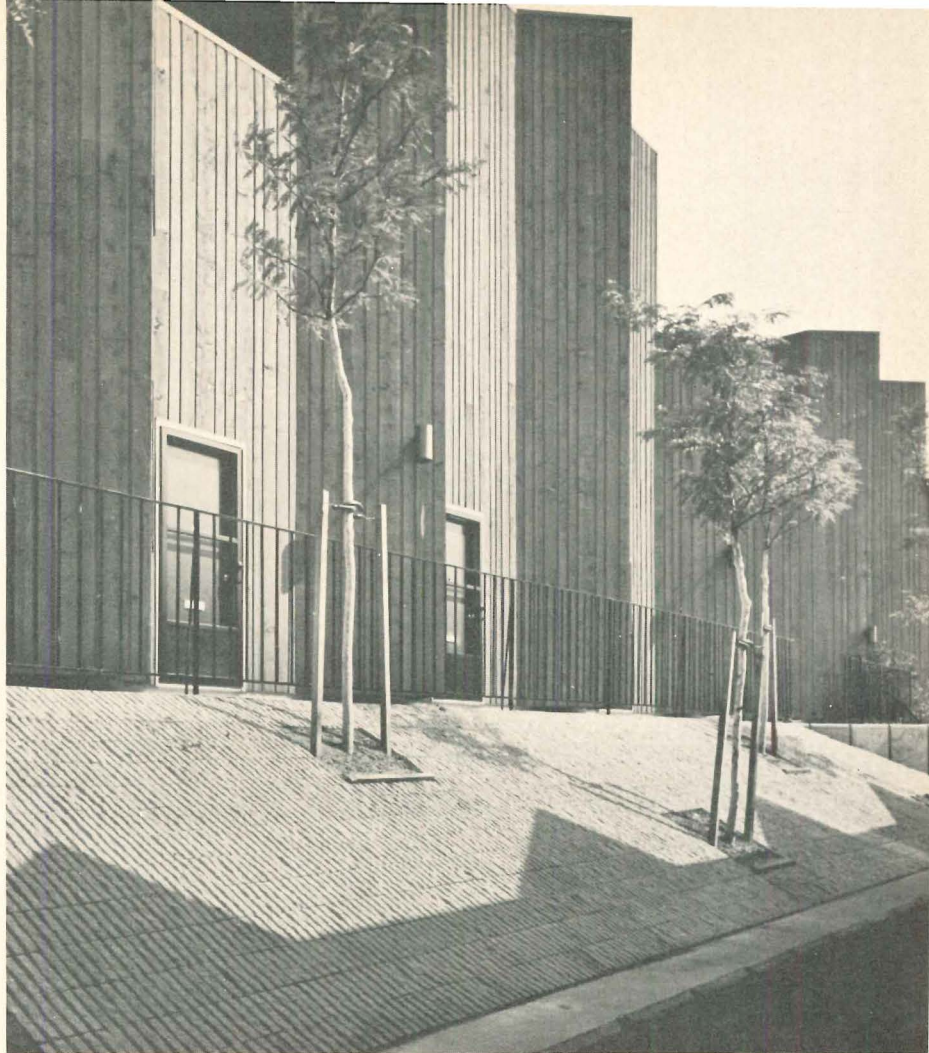




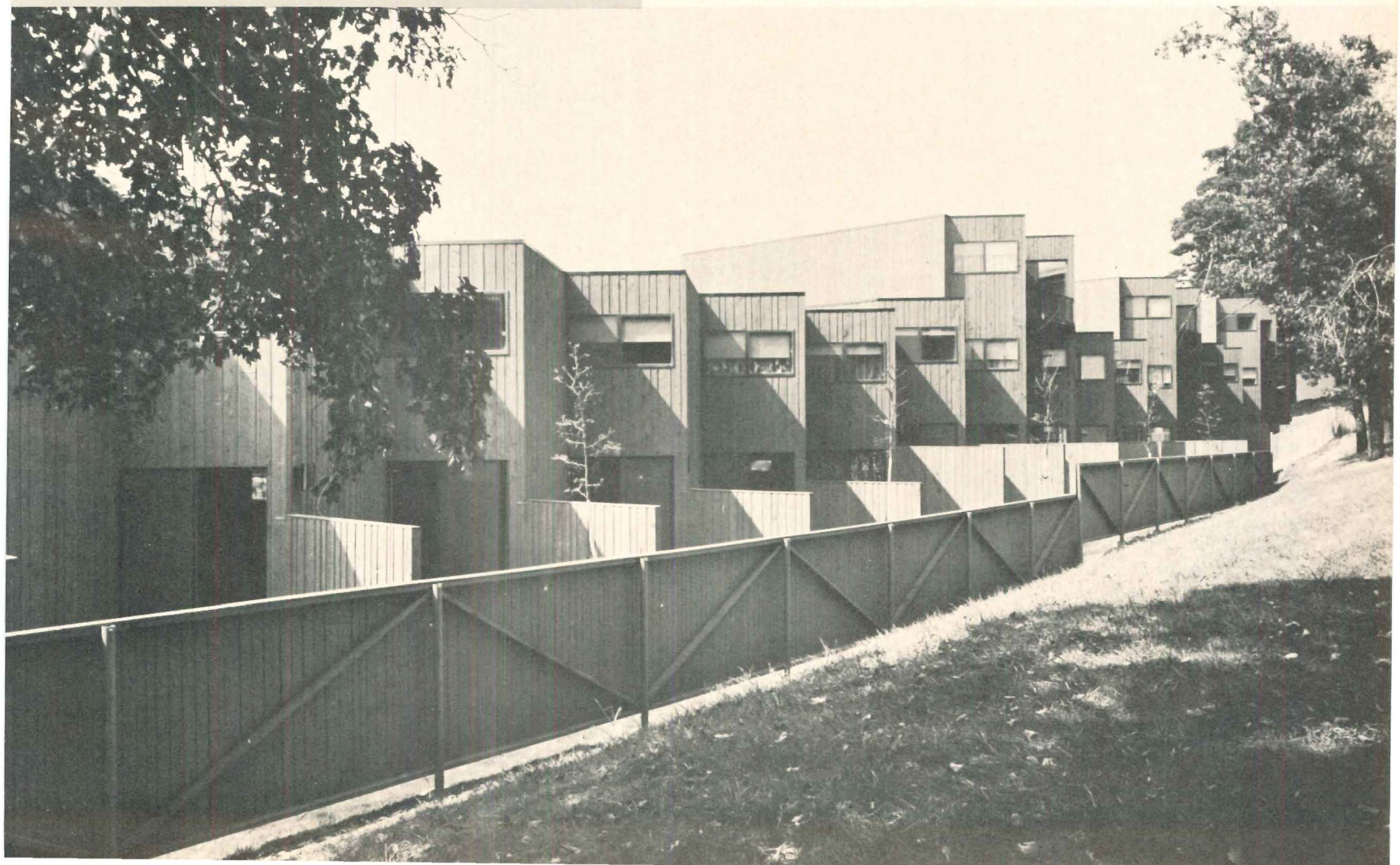
THREE BEDROOM UNIT  
SECOND FLOOR



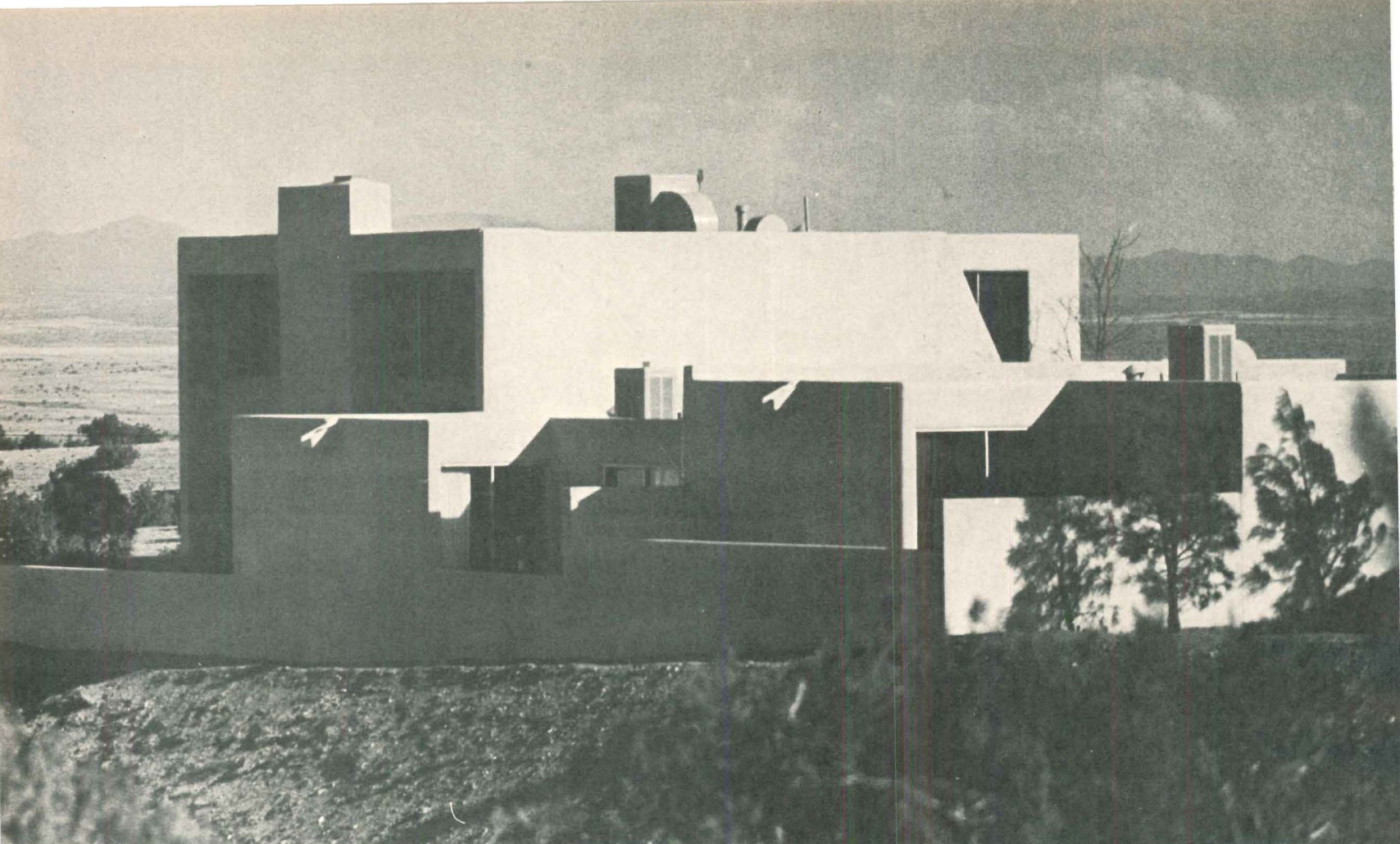
THREE BEDROOM UNIT    EFFICIENCY    THREE BEDROOM UNIT  
FIRST FLOOR



Where the two rows of houses overlap (above), a change in grade occurs. Striated concrete blocks were laid on the slope to provide an open yet easily maintained space. Unit plans are very similar with only minor variations necessary to add or subtract bedrooms. Three-bedroom units (left) are basically two-bedroom ones which share the floor above an efficiency.







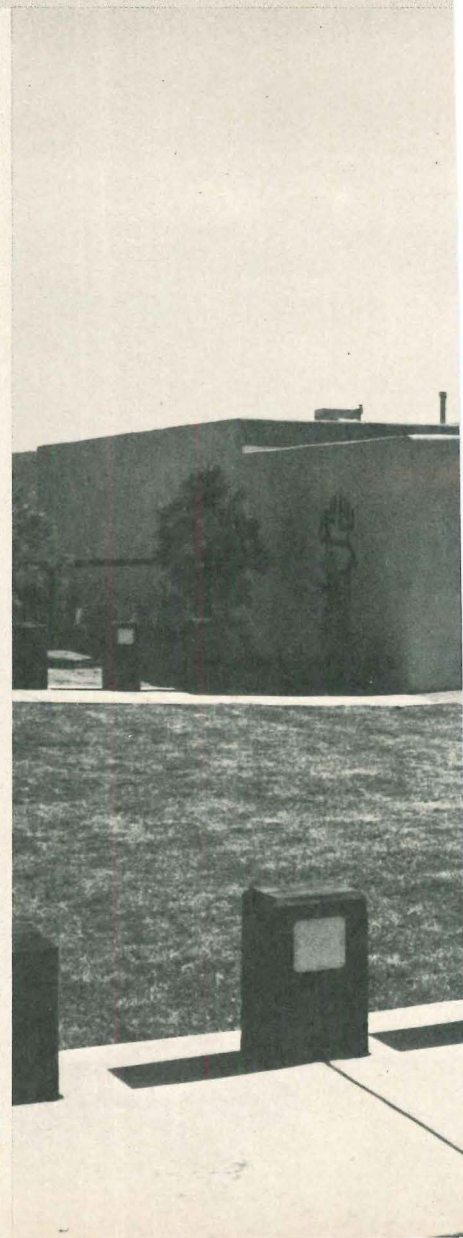
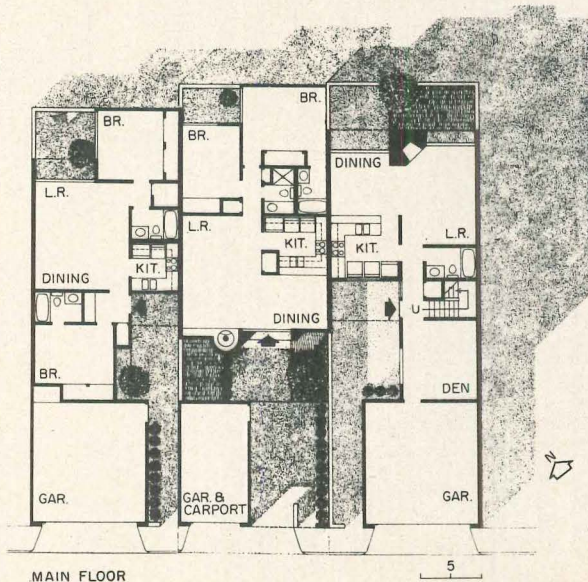
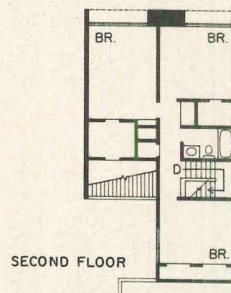
One of the few architects in the Southwest pursuing regional themes, Antoine Predock has developed a highly flexible housing scheme for Cochiti, New Mexico. His success with La Luz (RECORD HOUSES 1970), led Great Western Cities, Inc., developers of Cochiti, a new, recreation-oriented community on leased Indian land, to ask him to design these condominium models.

In order to facilitate his client's sales program, Predock has three basic schemes, each of which can be purchased with varying numbers of bedrooms; prices range from \$20,000 to \$29,000. The units are designed to be expanded from a central utility core. When more than two bedrooms are desired, a second story is added. All units are 25 feet wide and are separated from the neighbors by continuous masonry walls. The garages, although optional, permit owners to safely store boats when the house is not in use. They also shield the entry courts, providing visitors protection from dust storms and winter winds.

The flat roofs with stuccoed masonry parapets are, of course, derived from Pueblo antecedents but also help to hide the air-conditioning condensers and other mechanical equipment so necessary for desert living. Windows and glass doors are recessed into the masonry wherever possible to reduce cooling loads.

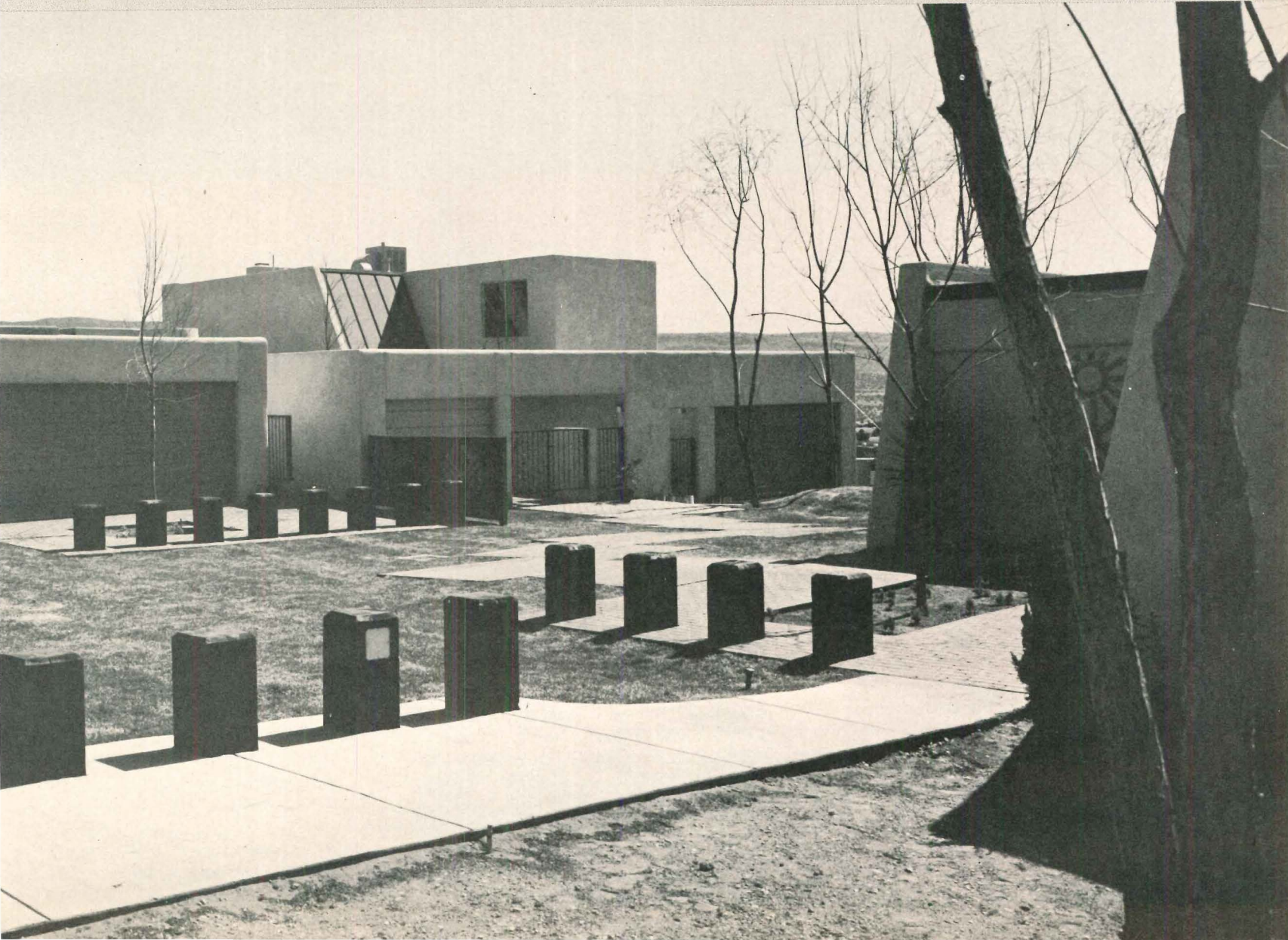
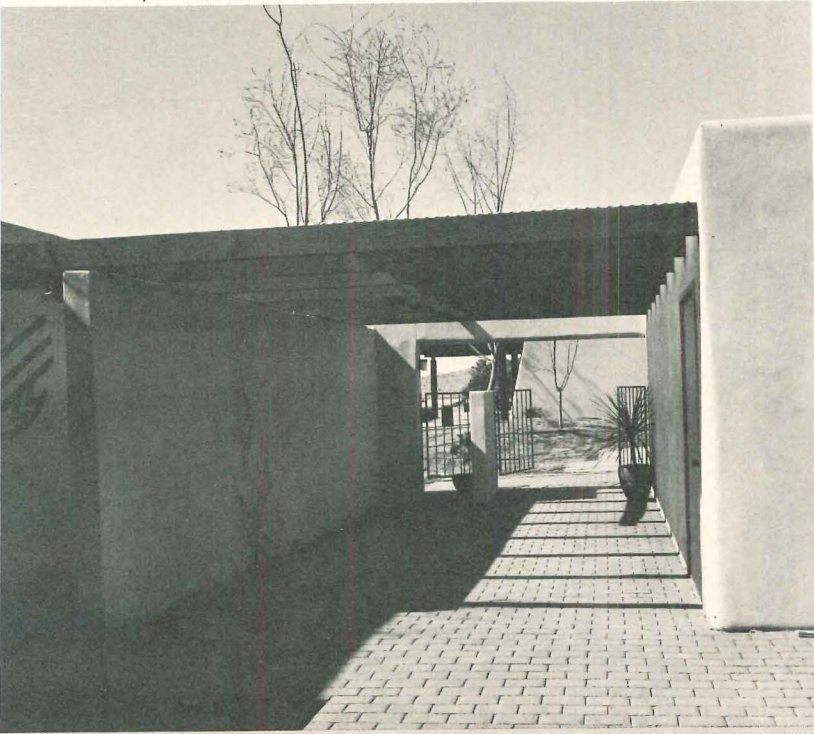
Architect: ANTOINE PREDOCK, associate: Stanley G. Moore. Owner and contractor: Great Western Cities, Inc. Location: Cochiti, New Mexico. Engineer: Allison Engineering (mechanical). Landscape architect: Sasaki/Walker Associates.

Three of the available designs have been built. Two of them have one story with living and dining areas oriented either to the mountain views, left plan, or inward to the court, center plan. The living-dining room and entry court of that model are shown across page. The two-story model is also shown.

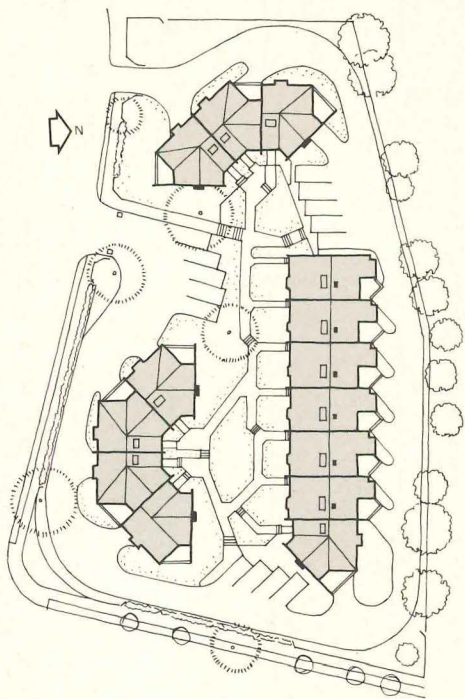
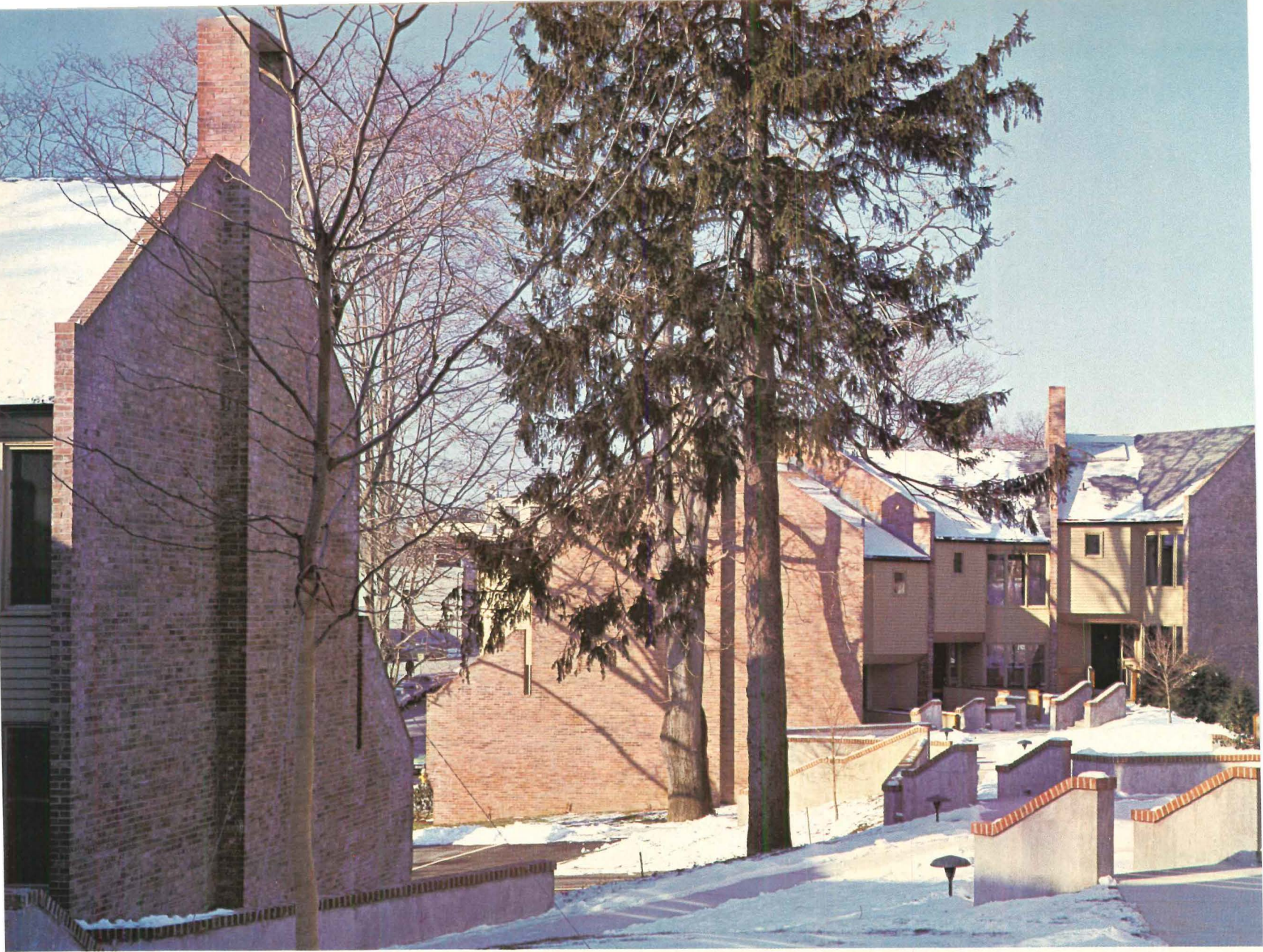




Color by Antoine Predock, other photos by Jerry Goffe





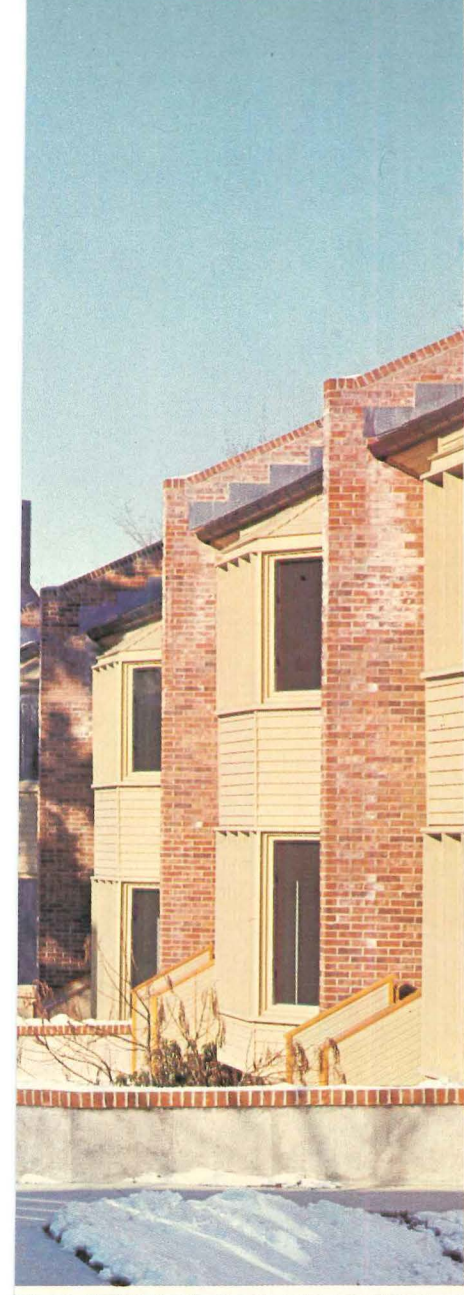


Two blocks from downtown Greenwich, Connecticut, a town that has never really opened its arms to contemporary architecture, Rogers\*Moore and Associates have designed fourteen condominium units that blend remarkably well in scale and detail with the neighborhood. But the Meadgate Condominiums are not just warmed-over suburbia. Within walking distance of the railroad station, the project is intended for couples about to retire who want to stay in Greenwich but who no longer need a large house in the country. Stringent zoning laws determined much of the planning for the site, formerly an old YWCA. Parking and driveway requirements, including 1:1 guest parking, necessitated the sunken perimeter drive and the basement garages. A carefully-

detailed promenade in the center of the site is the focus for the entrances and living rooms of all the units. Several mature trees have been integrated into the landscape design and give it a settled quality. The houses (there are two basic schemes) have either two or three bedrooms and have large central skylights which fill the interior with light.

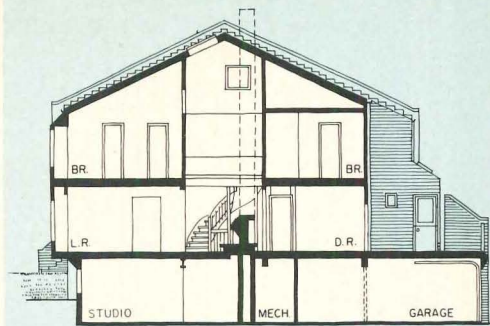
*Architects:* ALLEN MOORE, JR., JOHN B. ROGERS and JAMES M. McCONNELL of Rogers • Moore and Associates. *Developer:* Patterson Condominium Corporation. *Location:* Greenwich, Connecticut. *Engineers:* Engineers Design Group (structural); Swanson Associates (mechanical and electrical). *Landscape consultant:* Carol R. Johnson. *Landscape architect:* William Rutherford. *Contractor:* Deluca Construction Company.



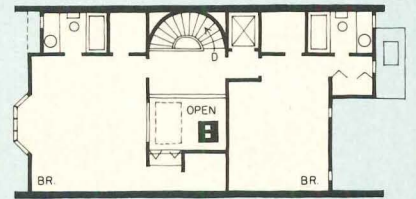


Carol Rankin photos

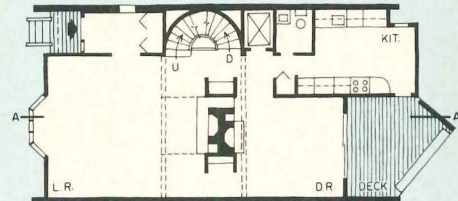
Winding staircases, freestanding brick fireplaces, bay windows, and elevators are features of the two basic plans that were used to fit fourteen units onto the tightly-restricted one-and-a-half acre site. Each house also has a built-in garage. Although the complex form (left), the buildings have cuses on an interior landscaped captured much of the scale and feeling of the existing neighborhood (below).



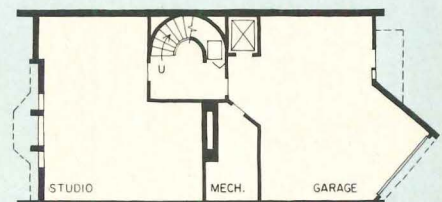
SECTION A-A



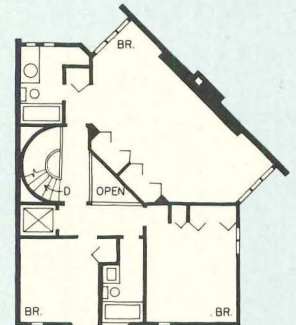
SECOND FLOOR



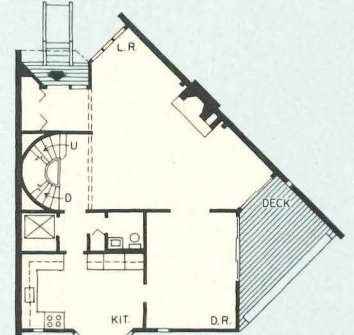
FIRST FLOOR



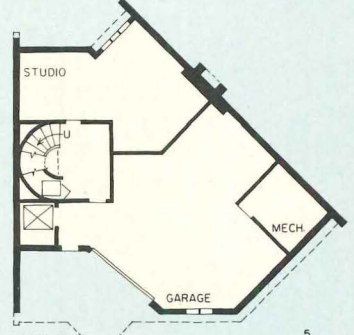
BASEMENT



SECOND FLOOR



FIRST FLOOR



BASEMENT

5







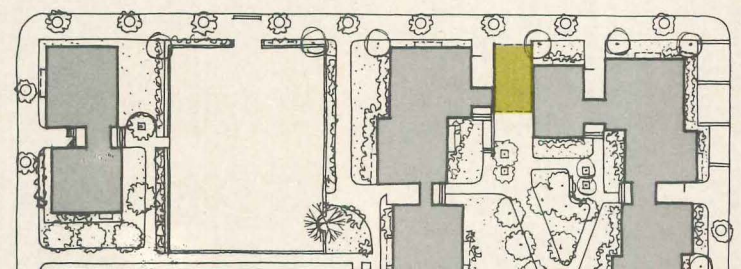
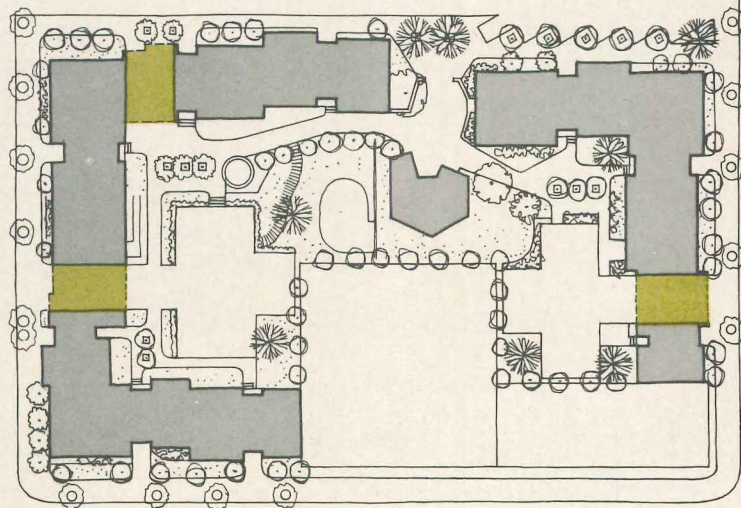
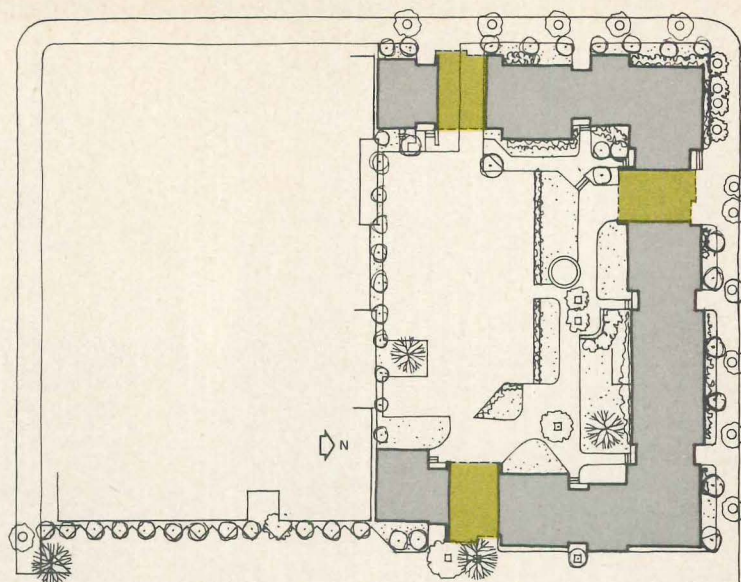


Friendship Village is the third in a series of remarkably successful housing complexes recently built in San Francisco's Western Addition. And in each case, good design—and each one has been handsome—has grown out of the commitment to quality housing by the late M. Justin Herman and the San Francisco Redevelopment Agency, the selection of concerned young architects and the effort to provide a continuity of community spirit in the new work.

In the case of Friendship Village, sponsored by the First Friendship Baptist Church, 90 per cent of those who moved into the 158 units last June were from the Western Addition area originally. Many of the families are receiving substantial rent supplements so that some four-bedroom apartments rent for less than \$60 per month. Thus, it is a shamefully rare example, in terms of most American urban renewal, of well-designed housing for those who most need it in the neighborhood where they formerly lived.

Architects Bulkley and Sazevich worked to maximize the family living qualities of the project, within the apartment, in the design of community facilities, and in the way the buildings relate to the neighborhood. Every unit is oriented outward and the continuous three-story shingled structures preserve the patterns of old San Francisco street fronts. Play space for small children, in turn, is sheltered from traffic. Parking lots are designed to provide play-space during the day and to keep cars under observation at night. In contrast to the rectilinear geometry of the housing, a fanciful, polygonal community building is located near the center of the complex.

*Architects:* JONATHAN BULKLEY and IGOR SAZEVICH. *Owner:* First Friendship Institutional Baptist Church. *Location:* San Francisco. *Engineers:* Jordan and Mathis (structural), Harding Miller Lawson and Associates (foundations). *Housing consultants:* Walter C. Lampe and Associates. *Contractors:* Williams and Burrows.

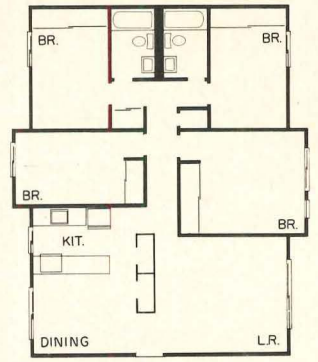
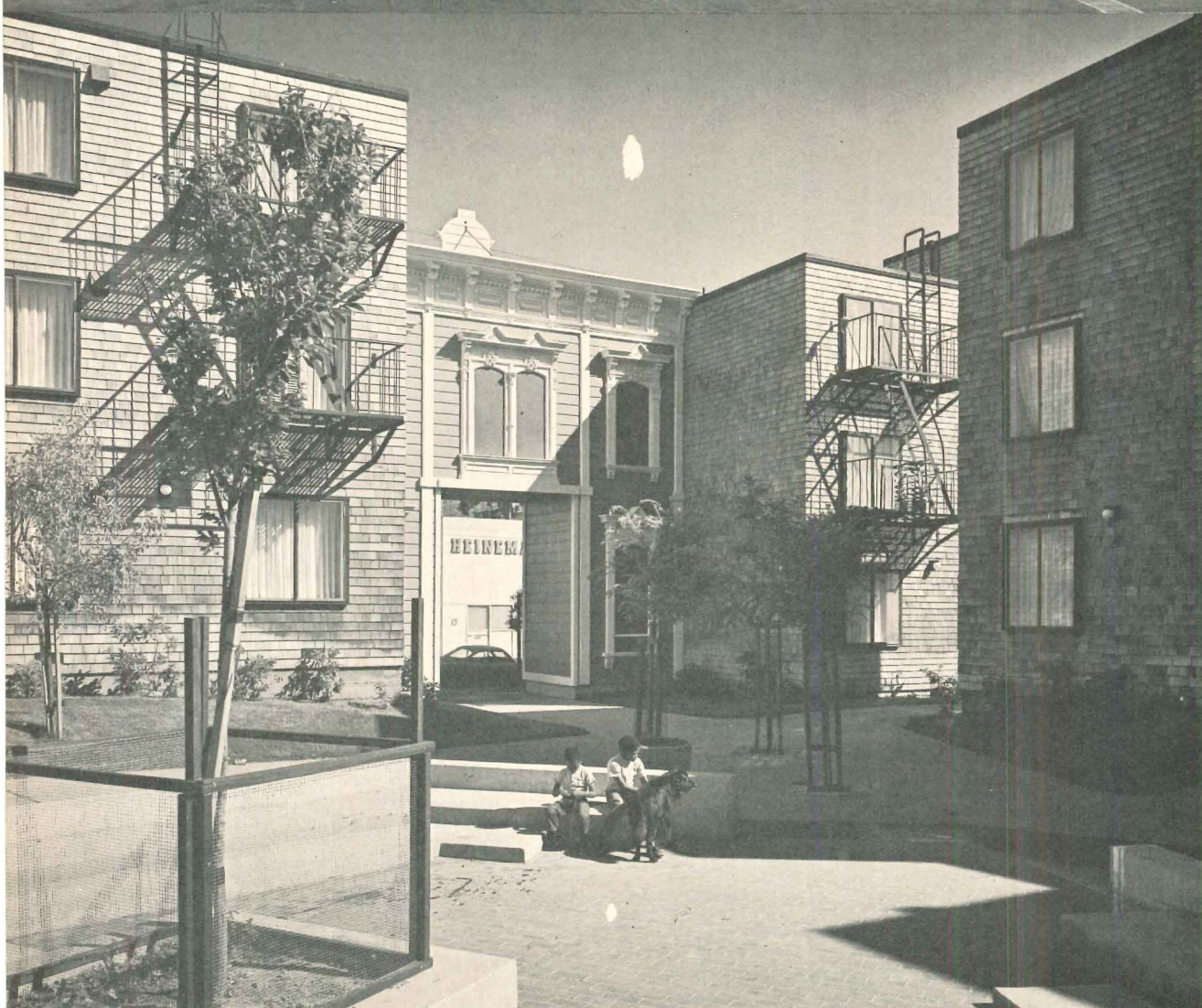


Phase Two of Friendship Village, upper portion of the site plan, was built with less articulation between units than Phase One (right and across page). But both preserve continuity of the street facade by putting some units over arcades which lead to the interior play spaces (left). The anodized aluminum sliding windows are set in projecting, stained wood frames.

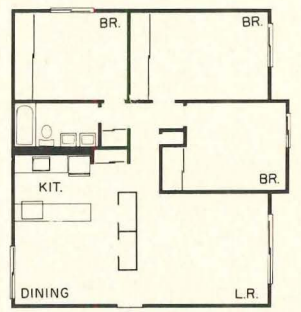


Joshua Freiwald photos

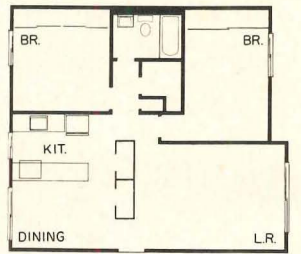




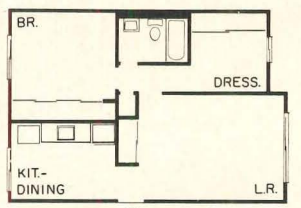
FOUR BEDROOM



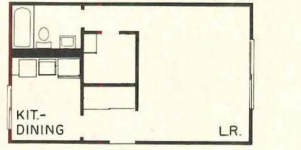
THREE BEDROOM



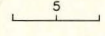
TWO BEDROOM



ONE BEDROOM



STUDIO



Five apartment types, ranging from studios to four-bedroom units, have been provided. All have through ventilation and exposure both to the play space and to the street. The community facilities building (above left), is playfully polygonal in contrast to the other buildings. Another playful addition is the front and rear facade (left), of an old San Francisco firehouse. The necessary fire escapes, applied in a straightforward way, also echo older neighborhoods.

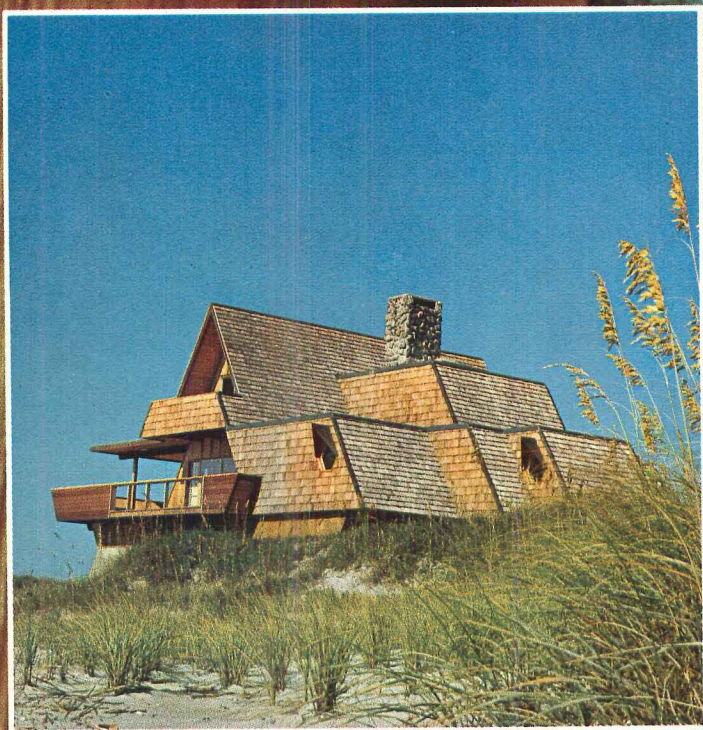


Hands that learned their craft before  
you were born  
fashion shingles and handsplit shakes  
of red cedar.

An enduring wood. Richly textured.  
Strong. Natural.

A wood to touch. And be touched by.  
Imagine a home of your own  
in red cedar.

Then make it happen.

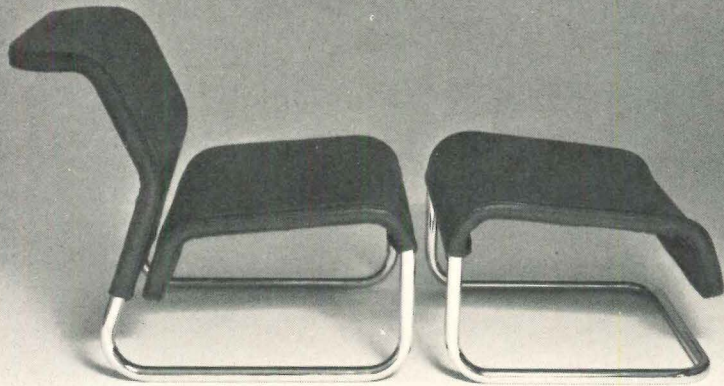


Write for Timeless Beauty, a book about red cedar and designs for living.  
Send 25¢ to: Red Cedar Shingle & Handsplit Shake Bureau, 5510 White Building, Seattle, Washington 98101.

*For more data, circle 27 on inquiry card*



# The Sling's the thing.



The JF 1000 Sling chair from Design Import. For full information see your decorator, or write Design Import, 511 E. Wells St., Milwaukee, Wisconsin. In Chicago: J.R. Willis Co. showrooms, 325 N. Wells St.



For more data, circle 28 on inquiry card

## PRODUCTS FOR THE HOUSE

For more information circle selected item numbers on Reader Service Inquiry card, pages 113-114



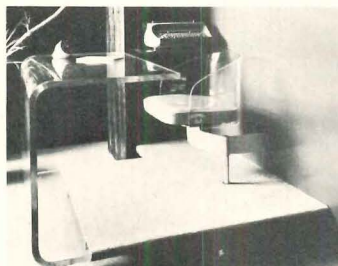
**DINING TABLE** / Stainless steel base supports glass top 48 in. in diameter. ■ Lutten-Clarey-Stern, Inc., New York City.

Circle 300 on inquiry card



**CHAIR** / Fabric vinyl or leather upholstery is available. ■ Atelier International, Ltd., New York City.

Circle 305 on inquiry card



**PLEXIGLASS DESK** / Base is supported by a platform structure. ■ Vladimir Kagan, New York City.

Circle 301 on inquiry card



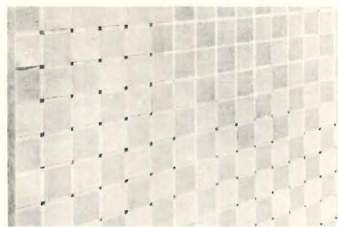
**VINYL FLOORING** / Pattern conceals seams. Design is available in four colors. ■ Armstrong Cork Co., Lancaster, Pa.

Circle 306 on inquiry card



**CREDENZA** / Steel tubing supports olive burl sideboard with marble top. ■ Thayer Coggin, Inc., High Point, N.C.

Circle 307 on inquiry card



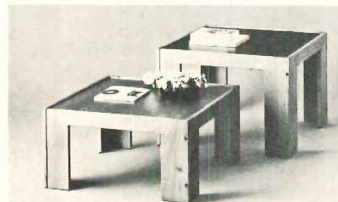
**VINYL-COATED FIBERGLASS** / Woven room divider panel shown here is one application. Others include window shades and pleated draperies. ■ Isabel Scott Fabrics Corp., New York City.

Circle 302 on inquiry card



**LOUNGE CHAIR** / Seat and back are upholstered in red or black Russian leather. ■ Atelier International, Ltd., New York City.

Circle 308 on inquiry card



**TABLES** / Walnut or rosewood frames are available. Reversible top is available in wood or plastic. ■ Atelier International, Ltd., New York City.

Circle 303 on inquiry card



**COFFEE TABLE** / Stainless steel table is available in many sizes. ■ The Pace Collection Inc., New York City.

Circle 304 on inquiry card



**LIBRARY LADDER** / Stainless steel supports plate glass shelves. ■ The Pace Collection Inc., New York City.

Circle 309 on inquiry card

more products on page 102

## A NEW DIMENSION IN PROFIT FOR YOUR CLIENT

Billy Casper's  
**GOLFOMAT**

It's what you put into it...that counts! Put a golf course IN your next building! GOLFOMAT is real golf played indoors with regulation free-flying balls using all clubs with the same force and finesse required outdoors. Thanks to computerized electronics and optics, players can drive, chip, and putt the internationally famous greens of Pebble Beach, Doral, and Congressional Country Clubs. Imagine...Golf...365 days a year! If the apartment or condominium you are designing is looking for a real "inside" plus...consider GOLFOMAT. Your client will have a unique advertising message that will give him a strong competitive advantage in his selling. GOLFOMAT is flexible...will fit existing as well as proposed buildings.

Golfomat... The "In" Recreation for '72!

For Complete Information  
Call or Write

**BILLY CASPER  
GOLFOMAT**

Division of EMC/Electronics & Manufacturing Corp.

816 N. St. Asaph St., Alexandria, Va. 22313  
Phone (703)-549-3400

**REAL  
GOLF  
PLAYED  
INDOORS**

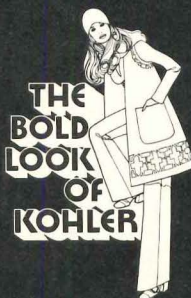
For more data, circle 29 on inquiry card





## BLACK BLACK. GREAT COLOR IDEAS BEGIN WITH KOHLER.

Introducing Black Black. Stunningly neutral. Totally elegant. A color that will live with tomorrow's decorating changes. Center: The Bath, 5½' x 7' of bathing luxury. At right: Lady Vanity shampoo center doubles as a baby bath. At left: Rochelle toilet, new Caravelle bidet,



and new Man's Lav shampoo/grooming center. Fittings are Kohler's Alterna in brushed gold electroplate. Black Black is available in top-of-the-line products. For more great bath, powder room, and kitchen ideas, write Kohler Co., Kohler, Wis. 53044.

KOHLER CO., KOHLER, WIS.

For more data, circle 30 on inquiry card



the tradition of india's finest handcrafts-



Carved Wood Screens 3 Feet to 9 Feet Tall And Matching Panels For A Total Wall Or Window Treatment

WOOD CARVINGS • ANTIQUES & REPRODUCTIONS BRASS DOOR HANDLES

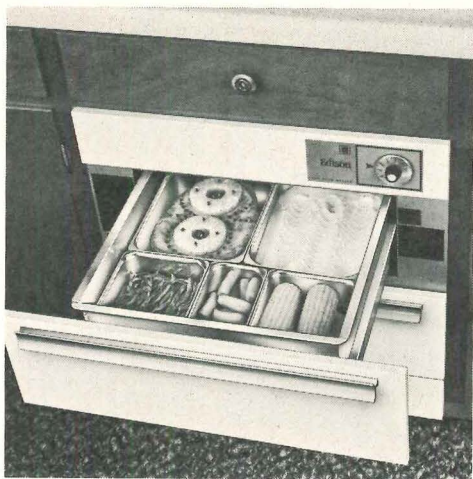
Catalog Available Special Order Dept.

**India Nepal, INC.** 225 FIFTH AVE., N.Y., N.Y., 10010  
233 FIFTH AVE., N.Y., N.Y., 10016  
Tel. 212 686-7996

For more data, circle 31 on inquiry card

COOK EARLY—  
SERVE ANYTIME

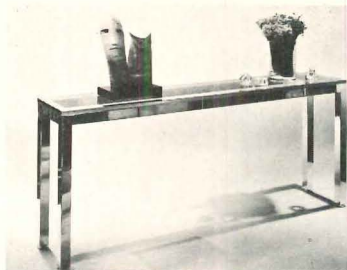
Here's an exciting new built-in you'll use every day. It will let you cook complete meals in advance and keep them hot and delicious for later serving. Now you'll enjoy your dinner parties . . . have hot lunches for the kids when you're not there . . . even serve Dad an oven-fresh meal when he's late. Precise "Moist-Crisp" and temperature controls are its "Secret." Available wherever fine kitchens and better homes are sold.



EDISON  
HOT FOOD SERVER

**McGraw-Edison Company**  
Edison Building Products Division  
333 West River Road, Elgin, Illinois 60120

For more data, circle 32 on inquiry card



CONSOLE TABLES / Stainless steel unit has a glass top. Acrylic table has concealed lighting in the top. ■ The Pace Collection Inc., New York City.

Circle 310 on inquiry card



SOFA/CHAIR / Construction is polyurethane on rubber webbing. Designer is Frank Majore. ■ The Pacer Collection Inc., New York City.

Circle 311 on inquiry card



MURALS AND SUPER-GRAPHICS

FOR WALLS / Designs are printed on vinyls or foils, and cover walls from floor to ceiling. ■ James Seeman Studios, Garden City Park, N.Y.

Circle 312 on inquiry card



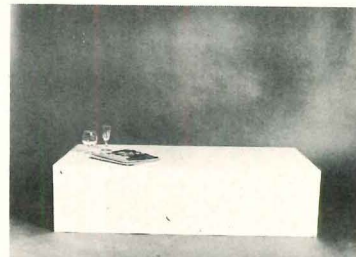
LOUNGE CHAIR/OTTOMAN / Glove leather or soft suede upholstery is available. ■ Brueton Industries Inc., Springfield Gardens, N.Y.

Circle 313 on inquiry card



EXTENDIBLE TABLE / Walnut or rosewood frame and top are available. ■ Atelier International, Ltd., New York City.

Circle 314 on inquiry card



COFFEE TABLE / Plexiglas table is available in gray, bronze, clear, and white. ■ Cubus Co., Forest Hills, New York.

Circle 315 on inquiry card



NYLON CARPETS / Both are available in 14 colors and have built-in static control systems. ■ C.H. Masland & Sons, Carlisle, Pa.

Circle 316 on inquiry card

more products on page 105





Charter Oak Townhouse and Apartment complex, St. Louis, Missouri, features use of Non-Com® Exterior for board and batten cedar siding. Developer: Lincoln Property Company, St. Louis. Architects: Dale E. Selzer, AIA, Dallas; Hastings and Chivetta, AIA, St. Louis.

## Fire-retardant wood for the great outdoors ...Non-Com® Exterior.

The rustic, outdoor beauty of wood says "Welcome Home" to prospective tenants—it has a gracious warmth that people like.

Now that Non-Com Exterior treated wood is here, you can add the aesthetic appeal of wood to your apartment or townhouse construction—and at the same time obtain built-in fire protection that is code recognized, and qualifies for favorable insurance rates.

Non-Com Exterior treated wood is the only fire-protected wood in the world that's suitable for outdoor service. Specify it for siding, soffits, framing

and other weather-exposed areas.

The fire-retardant quality stays safe outdoors, even in the wettest locations, because Non-Com Exterior is an all-weather treatment.

Non-Com Exterior fire-protected plywood and lumber opens up a wealth of practical possibilities in commercial construction. Think about the benefits this Koppers super wood can add to your next job.

Koppers has a full line of wood products with built-in fire protection, for indoor and outdoor use; plus fire-retardant red cedar shakes and shingles. For literature, send for

W-640 and 576. Forest Products Division, Koppers Company, Inc., 750 Koppers Building, Pittsburgh, Pa. 15219.

71-9

Support ASTRO:  
a sound railroad transportation plan  
to meet tomorrow's needs.

# KOPPERS

Architectural and  
Construction Materials



Despite the fact that apartments are filled with young people, no cabinet manufacturer has ever really designed a line to reach that specific portion of the market.

Until now. At Del-Mar, we've developed Overture. The first cabinet line that's both provocatively young in design and solidly based in sales potential.

Its doors are laminated on all sides with attractive and practical white polyester. Its end panels and frame are ebony black. These two basic colors in Overture will highlight any color appliances, floor coverings or accessories. And the new, bright colors in counter tops make a perfect marriage with Overture. Self-closing hinges, solid end panels and

three point drawer suspension round out Overture's beautifully efficient styling.

In other words, if you've got designs on this young market, we've got the design for you.

**Del-Mar**  
THE CABINETMAKER



**If you design your kitchens to appeal to people over thirty, you've just missed over half of your market.**

Del-Mar Cabinets by U.S. Plywood, a division of U.S. Plywood-Champion Papers, Inc.





continued from page 102

**KITCHEN SINK** / Waste disposal compartment is situated in the upper right hand corner of the sink, away from the principal work area. It meets the demand for an auxiliary drain when the larger basin is in use. Unit measures 25 in. by 22 in. ■ Kohler Co., Kohler, Wis.



Circle 317 on inquiry card

**DOUBLE OVEN** / Both upper and lower ovens are self-cleaning. The entire oven interior, including racks and rack guides, are completely cleaned of stains and crusted-on food drippings. Unit fits into 27-in. cabinet. ■ General Electric Co., Major Appliance Business Corp. Louisville, Ky.



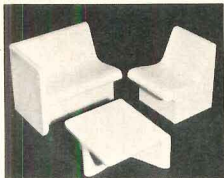
Circle 318 on inquiry card

**JUTE WALL COVERINGS** / Fabric is woven in India, bleached, dyed, finished and bonded to strippable wallpaper in the U.S. Product has a high degree of scratch- and abrasion-resistance and a Class A flame spread rating. ■ Specialty Jute Products Corp., Inc., New York City.



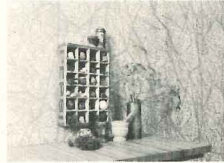
Circle 319 on inquiry card

**MOLDED POLYETHYLENE FURNITURE** / Three basic modules, one chair section and two side pieces, can create a settee, an armchair and side chair, end tables, or a coffee table. Upholstered cushions are available. ■ Gould Inc., Milwaukee.



Circle 320 on inquiry card

**PLYWOOD WALL PANEL** / Prefinished wall covering's pattern renders seams invisible. Finish is said to be permanent, non-fading, and impervious to most household chemicals. Product can be damp-wiped clean. Applications include kitchen and dining room areas. ■ Evans Products Co., Portland, Ore.



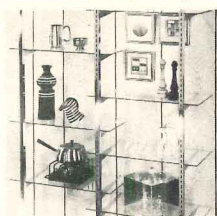
Circle 321 on inquiry card

**COMPACT KITCHEN** / Range, sink, refrigerator and storage area are contained in this unit. Features include a continuously self-cleaning oven which cleans as it cooks (optional); and prewiring into a terminal box requiring only one electrical connection. ■ Acme-National Refrigeration Co., Inc., Astoria, N.Y.



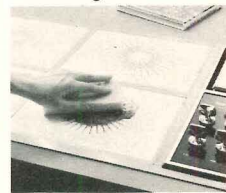
Circle 322 on inquiry card

**GLASS SHELVING** / All-steel brackets, standards, and floor-to-ceiling poles are finished in chrome. Brackets, standards and glass shelves come in three sizes. Floor-to-ceiling poles are 96-in.-high and adjustable. ■ Kason hardware Corp., Binghamton, N.Y.



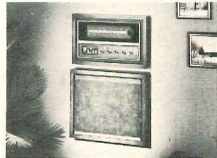
Circle 323 on inquiry card

**CERAMIC COOK TOP** / Cooking is done on four rapid heating elements operated by control knobs offering a range of temperature settings. Glass, iron, steel, or aluminum utensils may be used. Any food prepared on a conventional range can be cooked on this unit. ■ Tappan, Mansfield, Ohio.



Circle 324 on inquiry card

**STEREO SYSTEM** / Separate intercommunication system is optional. Features include a record changer with jam-proof mechanism, accommodation of up to twenty speaker locations, stereo or monaural, and, with the intercom option, room-to-room communication and door answering. ■ Nu Tone, Cincinnati.



Circle 325 on inquiry card

more products on page 110

# Weathering for sale . . .



## To enhance the beauty of wood... **Cabot's STAINS**

Why are stains often chosen over paints? Because wood and stains are made for each other . . . stains bring out the best in wood, blend naturally, beautifully into the setting. For the home shown here, the architects specified Cabot's Bleaching Oil to attain the weathered "driftwood" look . . . an effect heretofore found only in seacoast areas after years of exposure to salt air. Cabot's Stains, in 87 unique colors, protect the wood, enhance the grain, grow old gracefully, never crack, peel or blister.



### Samuel Cabot Inc.

One Union St., Dept. 529, Boston, Mass. 02108

- Send color cards on Cabot's Stains
- Send Cabot handbook on Wood Stains

Long Island home; Architects: Vernon and Jay Sears, Quoque, Long Island; vertical siding treated with Cabot products.

**"Cabot's Stains, the Original Stains and Standard for the Nation since 1877"**

For more data, circle 35 on inquiry card



# You can have paneling samples on your desk within 48 hours!



## Just wire this address collect.

Georgia-Pacific  
Instant Sample MA  
Portland, Oregon

Now, instead of showing your clients pictures or renderings, you can show them actual 12" x 6" paneling samples. Just send a collect night letter to the above address. And we'll get you the individual paneling samples\*

you need. Within 48 hours! Georgia-Pacific has a complete line of wall paneling. In every price range. Every style. So look through your Sweets Catalog. Decide which paneling you need. Then wire us collect.

### Georgia-Pacific

Portland, Oregon 97204

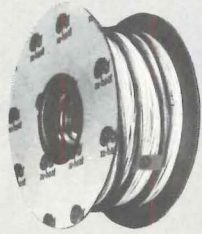


\*Quantities limited—one sample per specie and color

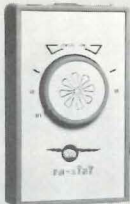
*For more data, circle 36 on inquiry card*



**RESIDENTIAL  
COMMERCIAL**



RADIANT HEATING CABLE



RA-STAT THERMOSTATS



PRF (FAN DRIVEN)  
PORTABLE HEATER



PORTABLE  
RADIANT HEATER



PORTABLE  
BASEBOARD HEATER



RAYWALL ECB



BF (FAN DRIVEN) HEATER



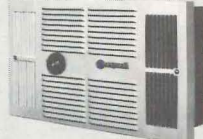
RAYWALL JR.



CEILING HEATER



RF (FAN DRIVEN) HEATER



STUD DUCT HEATER



RADIANT WALL  
INSERT HEATER



RKS HEATER



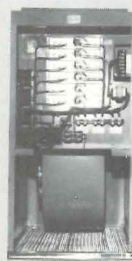
BB BASEBOARD HEATER



FB BASEBOARD HEATER



BH BASEBOARD HEATER



"F" SERIES FURNACE



"FC" SERIES FURNACE



"MFC" SERIES FURNACE



REDI-WARM  
FORCED AIR HEATER



"H" COILS



"A" COILS



SLOPED COILS



PUMPHOUSE HEATER



ELECTRONIC  
AIR CLEANER



SERIES DP-600-P  
ELECTRONIC  
AIR CLEANER



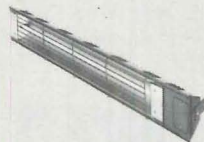
**raywall** A DIVISION OF TENNESSEE PLASTICS, INC.  
**HEATING & AIR CONDITIONING**

P.O. BOX T, CARROLL REECE STATION ■ JOHNSON CITY, TENNESSEE 37601 AREA CODE 615/928-8101 ■ TELEX NO. 55-3442

**COMMERCIAL  
-INDUSTRIAL**



FIH UNIT HEATER



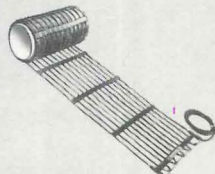
QUARTZ HEATER



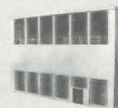
INDUSTRIAL UNIT HEATER



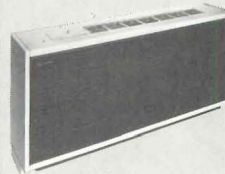
DUCT HEATER



SNOW MELTING MATS



RECESS MOUNT  
CONVECTOR HEATER



THRU-THE-WALL  
HEATING &  
AIR CONDITIONING



PRE-CHARGED  
CONDENSING UNIT



PRE-CHARGED TUBING

For more data, circle 38 on inquiry card



**1972  
Guide  
to Masonry  
Reinforcing  
Systems  
and Ties**

*Our  
25th  
anniversary  
of service  
and quality*

**AA**  
**WIRE PRODUCTS COMPANY**  
6100 S. New England Ave. • Chicago, Ill. 60638  
Manufactured in Chicago • Dallas • Toronto, Can.

**4** UNIT MASONRY  
ties & reinforcement

REGISTERED • PATENTED • PROVEN TO

## 25 years of masonry reinforcing know-how is packed into this handy guide. It's yours for the asking!

That's right! Complete specifications and recommendation on selecting the best wall tie system for your particular need is in this AA Wire guide! It includes 25 years of engineering the industry's largest line of proven quality products: There's popular Blok-Lok, Blok-Trus, Adjustable Econo-Lok Cavity-Lok and many more. No architect, engineer, specifier or contractor should be without this handy tool.

Send for your guide today. AA Wire Products Company, 6100 South New England Avenue, Chicago, Illinois 60638. Manufactured in Chicago, Dallas, and Toronto, Canada.



For more data, circle 39 on inquiry card



**MOLDED PLASTIC FURNITURE /** Collection includes an hourglass stool and table, three nesting tables, chair, double etagere, ash stand and wastebasket. ■ Lutens-Clarey-Stern, Inc., New York City.

Circle 326 on inquiry card



**SOFA /** Genuine suede leather upholstery is gold in color. ■ Thayer Coggin, Inc., High Point, N.C.

Circle 327 on inquiry card



**SOFA/ARMCHAIR /** Soft rolls of upholstery cross seat and back, lending a pillow effect. ■ Thayer Coggin, Inc., High Point, N.C.

Circle 328 on inquiry card



**END TABLE/COCKTAIL TABLE /** Construction is clear plexiglass. ■ Lutens-Clarey-Stern, Inc., New York City.

Circle 329 on inquiry card



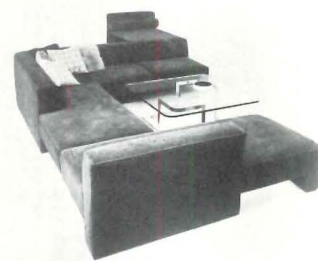
**MAN'S LAVATORY /** Unit features a large, deep basin and generous dimensions—28 in. by 19 in. ■ Kohler Co., Kohler, Wis.

Circle 330 on inquiry card



**KITCHEN SINK /** Waste disposal unit is centrally located. Unit is available in 12 colors. ■ Kohler Co., Kohler, Wis.

Circle 331 on inquiry card



**MULTI-LEVEL SEATING /** Chenille upholstered seating is available in custom sizes. ■ Vladimir Kagan Designs, New York City.

Circle 332 on inquiry card



**STACKING TABLES /** Stamped fiberglass pieces are available in five colors. ■ Atelier International, Ltd., New York City.

Circle 333 on inquiry card



**DESKS /** Wooden top unit has four drawers. Glass table has an aluminum base. ■ The Pace Collection Inc., New York City.

Circle 334 on inquiry card





# distinctive

all-weather lighting  
obtainable in cubes  
or spheres — clear acrylic,  
and antique raindrop glass —  
one piece die cast canopy

CONSULT YOUR PRESCOLITE REPRESENTATIVE

**PRESCOLITE**



A U.S. INDUSTRIES COMPANY.  
And that makes a world of difference.

*For more data, circle 40 on inquiry card*





# 705 NEVAMAR®

## Carefree Kitchens begin where other apartment kitchens end

JOHN HANCOCK CENTER  
CHICAGO, ILLINOIS  
Architects: Skidmore, Owings and Merrill

John Hancock Center's 705 apartments on 48 floors begin where other high-rise apartment buildings end.

The kitchens in these apartments also begin where other kitchens end. In styling. And in quality. They are NEVAMAR® Carefree Kitchens. Every cabinet is exceptionally well-made and protected against wear with an impervious surface of high-pressure plastic laminate. Inside and out. They were made to stand up to hard use and retain their fresh beauty.

Maintenance and replacement costs have proven to be the prime factors against installing short-lived, budget kitchens in apartments. Today, cost-conscious architects and designers are persuading clients toward quality.

The pace setters at the John Hancock Center chose not to save a dollar today only to spend two tomorrow. Learn how you can do the same.

**National Industries Div.**

AVM OF MARYLAND, INC.  
ODENTON, MARYLAND 21113

*The pioneer in plastic laminated kitchens.*







**WONDER  
WOODTONES™**  
EXTERIOR STAIN  
SEMI-TRANSPARENT

**WONDER  
WOODTONES™**  
EXTERIOR STAIN  
SOLID HIDE  
**DEVOE  
PAINT®**

## New decks to give you better deals on exterior stains.

New Wonder Woodtones™— a complete line of solid hide and semi-transparent exterior stains.

Ideal for wood siding, porches, shingles, shakes, steps, fences, exterior plywood benches or rustic woods.

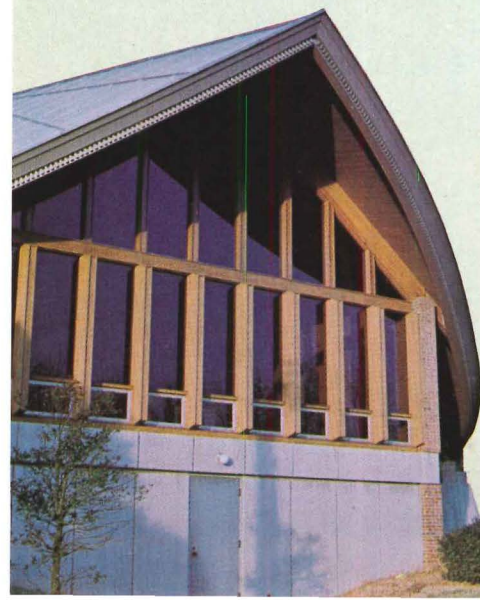
Wonder Woodtones works for you indoors, too — on beams, barnwood or rough-sawn panels. The flat finish brings the wood texture to life, yet it's heavy enough to hide old stained surfaces.

Ask your Devoe representative to show you these important new exterior stains — they're in the Celanese tradition of color leadership, a part of the Colors of the '70's family.

**DEVOE PAINT, DIV. OF CELANESE COATINGS CO.**

224 East Broadway, Louisville, Ky. 40202

*For more data, circle 42 on inquiry card*

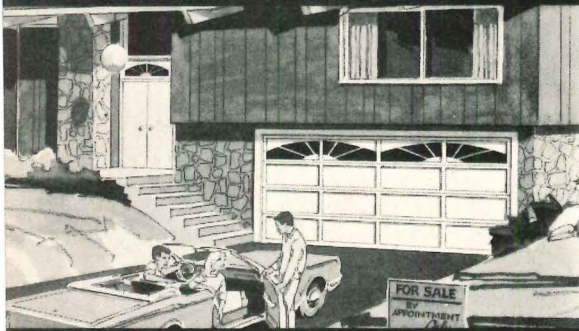




# residential garage doors that harmonize



Cathedral Lites



Sunburst Lite



Custom Co-ordinated Panels

## From the Crawford Design Team

The ideal way to *add buyer appeal* to any home . . . garage doors that harmonize with your entrance doors . . . *the costs are low* and any or all of these ideas are *available now*. You can order one, today, or get full details from your local Crawford distributor or write.



**CRAWFORD**

**Crawford Door Company, 4270  
High Street, Ecorse, Michigan  
48229.**

division of The Celotex Corp.

## LITERATURE FOR HOUSE PLANNING

**WINDOWS** / A complete line of prefinished, factory-assembled windows including double hung, gliding, picture and casement units is presented in a 36-page catalog. ■ Marvin Windows, Warroad, Minn.

Circle 400 on inquiry card

**WOOD STAINS** / A 16-page booklet discusses types of stains, application methods, color effects, and interior and exterior staining. ■ Samuel Cabot Inc., Boston.

Circle 401 on inquiry card

**AUTOMATIC ICE CUBE MAKERS** / A 4-page folder describes a complete line. Standard model specifications are included. ■ U-Line Corp., Milwaukee.

Circle 402 on inquiry card

**WOOD WINDOWS AND DOORS** / Double hung, casement, and awning windows, and wood folding doors are described in a 16-page booklet. ■ Rolscreen Co., Pella, Iowa.

Circle 403 on inquiry card

**KITCHEN CABINETS** / Design ideas are covered in detail in a 16-page booklet. The company's modular cabinet units are featured. ■ Long-Bell, Longview, Wash.

Circle 404 on inquiry card

**GAS-BURNING FIREPLACES** / A complete line including wall-mounted and built-in units is presented in a 6-page catalog. ■ Heatilator Fireplace, Mt. Pleasant, Iowa.

Circle 405 on inquiry card

**ROOM DIVIDERS** / Eleven styles consisting of spring tension poles which fit between ceiling and floor, and panels which attach to the poles, are illustrated in a 20 page catalog. ■ Galway, Traverse City, Mich.

Circle 406 on inquiry card

**RADIO INTERCOM-INTRUDER ALARM SYSTEM** / Four features are built into one master station: radio, room-to-room intercommunication, security alarm signal and an electronic door signal. Brochure discusses system in detail. ■ NuTone, Div. of Scovill, Cincinnati.

Circle 407 on inquiry card

**INTERIOR PANELING** / A complete line of prefinished hardboard panels is presented in a 20-page catalog. Information is given on moldings and accessories. Specifications are included. ■ Masonite Corp., Chicago.

Circle 408 on inquiry card

**PLUMBING PRODUCTS** / Over 75 models of bathroom lavatories, toilets, bathtubs, kitchen sinks, and faucets are described in an 8-page booklet. ■ Borg-Warner Corp., Plumbing Products Div., Mansfield, Ohio.

Circle 409 on inquiry card

**FRAMED FABRIC SERIGRAPHS** / Ten designs are presented in a brochure. Prints are planned to integrate with all types of residential motifs, and are used primarily as interior wall decorations. ■ Greatthings, Inc., Houston.

Circle 410 on inquiry card

## DO COLLEGES HELP BUSINESS AS MUCH AS BUSINESS HELPS COLLEGES?

Yes, they do. But not in the same proportion.

Business contributes about 15% of the total voluntary support received by colleges.

But today, business gets half the college-trained people who are employed. Tomorrow, it will need even more.

As a result, businessmen should think seriously about increasing the level of corporate giving to education. Can you, as a businessman, think of a better investment?

For the latest national figures on corporate giving to higher education, write on your letterhead for "CFAE Survey of Corporation Support of Higher Education," and enclose \$2.00 to help cover costs. Mail to: Council for Financial Aid to Education, 6 East 45th Street, New York, N.Y. 10017.

Give to the college of your choice. Now.



Advertising contributed for the public good.



# What's going on here?

Everything. From student assembly to the senior play. From a lecture on ecology, to a community action meeting. From PTA to politics. The high school auditorium is the center of activity in many communities. And Laverne High School, Laverne, Oklahoma, is one of many schools who have chosen Polaris, by Massey Seating Co., to provide the very best setting for every activity. A beautiful, comfortable, relaxing atmosphere that allows everyone to concentrate on what's happening in front of them, not under them. And Polaris is as durable as it is beautiful and comfortable.

So, whatever's going on in your town, see Massey for your seating needs.

**S** For the complete Massey story, see Sweets Architectural Catalog File 12.5MA. For the name of your nearest distributor, write Massey Seating Company.

**Massey**  
seating co.  
NASHVILLE, TENNESSEE 37208

Architect: Locke, Wright and Foster AIA, Oklahoma City, Oklahoma.  
Distributor: Dowling's Inc., Oklahoma City, Oklahoma





## PLEXIGLAS® LETS THE SUN SHINE IN

Use sunlight to design a home and set it apart from the crowd. You will be giving your clients outdoor living year-round, plus brighter larger-looking rooms.

Transparent gray and bronze Plexiglas permits clear vision of the outdoors while controlling solar heat and light. These colors and the variety of low profile shapes that are possible with Plexiglas, make it easy to blend the skylights into the roof attractively and economically.

Plexiglas skylights are designed not to leak and come to the job-site preassembled and ready for fast installation in standard sizes up to 8 feet square.

So it's easy to design sunlight into a home when you use Plexiglas acrylic plastic. And with Plexiglas, there's 25 years of outdoor use to prove that it will not change color or become brittle.

Write for our brochure, "New Ideas in Home Daylighting with Plexiglas", and the names of qualified manufacturers of skylights of Plexiglas.

**Rohm and Haas Company**  
Independence Mall West  
Philadelphia, Pa. 19105  
Attn: R. R. Rorke (ARH)

Name \_\_\_\_\_

Firm \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**ROHM  
AND  
HAAS**   
PHILADELPHIA, PA. 19105





# Knoll International

745 Fifth Avenue, New York 10022

## Cini Boeri designs for Knoll.

The Boeri System revolves and expands or diminishes. Like all Boeri designs it is varied and flexible. Skill in organizing varied elements and a unique sense of space within space are characteristic of her work.

Knoll International operates in 31 countries.

For more data, circle 45 on inquiry card





# INDEX TO ADVERTISING

## ARCHITECTURAL RECORD

McGraw-Hill, Inc., 330 West 42nd Street,  
New York, New York 10036

Advertising Sales Mgr.: Louis F. Kutscher (212) 971-2838

Eastern Sales Mgr.: Donald T. Lock (212) 971-3583

Central Sales Mgr.: Robert G. Kliesch (215) 568-6161

Advertising Service Mgr.: Joseph R. Wunk

(212) 971-2793

Marketing Services Mgr.: Elizabeth Hayman

(212) 971-2858

Research Mgr.: Camille Padula (212) 971-2814

Classified Advertising (212) 971-2557

### District Offices:

Atlanta 30309 Edward G. Graves  
100 Colony Street (404) 892-2868

Boston 02116  
607 Boylston St., (617) 262-1160

Chicago 60611 Robert T. Franden  
Edward R. Novak  
645 N. Michigan Ave., (312) 751-3764-5

Cleveland 44113 Willis W. Ingersoll  
55 Public Square, (216) 781-7000

Dallas 75201 Dick Grater  
1340 Republic National Bank Building

Denver 80202 Harry B. Doyle  
1700 Broadway, (303) 266-3863

Detroit 48226 Richard D. Thielmann  
2600 Penobscot Bldg., (313) 962-1793

Los Angeles 90017 Richard R. Butera  
1125 W. Sixth St. (213) 482-5450

New York 10036 Donald T. Lock,  
Ted Rzempollich  
Michael M. Woods  
330 W. 42nd St. (212) 971-3583

Philadelphia 19103 Robert G. Kliesch  
George T. Broskey  
6 Penn Center Plaza, (215) 568-6161

Pittsburgh 15222 Edward C. Weil  
4 Gateway Center, (412) 391-1314

St. Louis 63105 Richard Grater  
Manchester Rd., (314) 227-1600

San Francisco 94111 Richard R. Butera  
425 Battery St. (415) 362-4600

## A

A A Wire Products Co. ....	110
Aluminum Company of America .....	B4-B5
American Olean Tile Company .....	4th Cover
American Standard, Plumbing & Heating Div. ....	4-5
Andersen .....	B12-B13
Armstrong Floors .....	2nd Cover-1

## B

Bommer Spring Hinge .....	B15
---------------------------	-----

## C

Cabot, Inc., Samuel .....	105
California Redwood Assn. ....	3
Caradco Division of Scovill Mfg. Co. ....	16-17
Celanese Devoe .....	115
Crawford Door .....	116

## D

Del Mar Division of U.S. Plywood—Champion Papers Inc. ....	104
Design Import .....	100

## G

Georgia-Pacific Corp. ....	106
Golfomat .....	100

## H

h c Products Co. ....	107-108
Hercules, Inc. ....	11

## I

India Nepal .....	102
-------------------	-----

## J

Jute Carpet Backing Council, Inc. ....	8
----------------------------------------	---

## K

Knoll International .....	119
Kohler Company .....	101
Koppers Company, Inc., Forest Products Div. ....	103

## L

Laverne International .....	121
Levolor Lorentzen, Inc. ....	18
Ludowici-Celadon Co. ....	B3

## M

Massey Seating Co. ....	117
Medusa Portland Cement Co. ....	B11
Moen Division, Standard Screw Co. ....	15
Montgomery Elevator Co. ....	B8

## N

National Floor Products Inc. ....	3rd Cover
National Industries—AVM Div. ....	112

## O

Olympic Stain Company .....	B1
Onan Division, Onan Corporation .....	B7

## P

Pella Rolscreen .....	9-10
Potlatch Forests, Inc. ....	B9
PPG Coil Coatings .....	B6
PPG Commercial Glass—Residential .....	6-7
Prescolite Mfg. Corp. ....	111

## R

Red Cedar Shingle & Handsplit Shake Bureau .....	99
Rez Company .....	122
Rohm & Haas .....	118

## S

Shakertown Corp. ....	B10
Sico Inc. ....	14
Simpson Timber Co. ....	B14

## T

Tennessee Plastics Inc. ....	109
Toastmaster Div., McGraw-Edison Co. ....	102

## V

Vega Industries Inc. ....	B2
---------------------------	----

## W

Western Wood Products Assn. ....	12-13
----------------------------------	-------

Pages B-1 to B-16 appear in AB edition only



# TOTAL DESIGN ENVIRONMENT.



*Laverne International, Ltd.*

*979 Third Avenue, New York, New York 10022*

*telephone: 759-5455, cable: "Lavernint"*

---

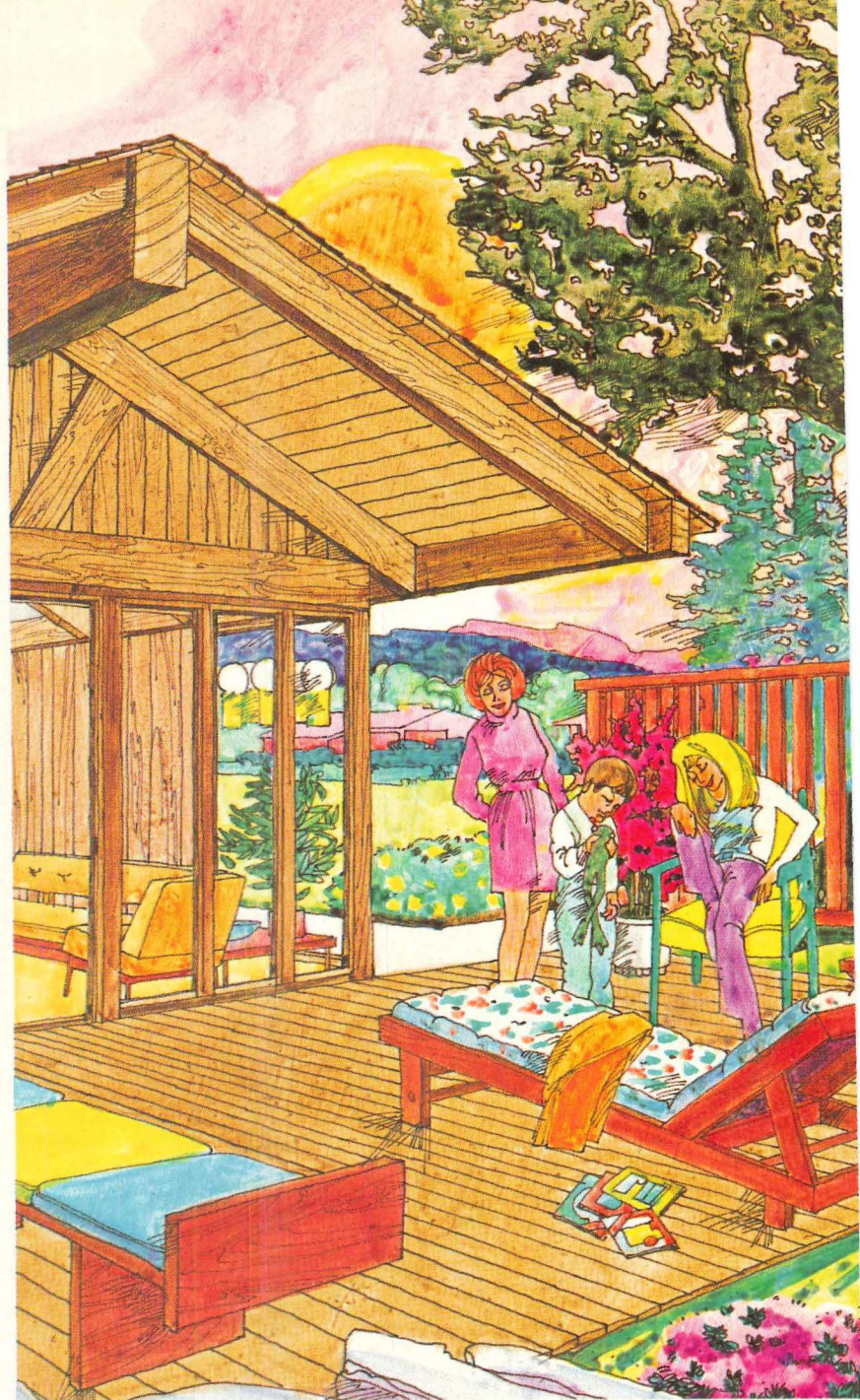
*divisions: Furniture, Textiles, Wallcovering; + Works of Art, Painting, Sculpture, Graphics*

*New York, Chicago, Toronto, Paris, Brussels,*

*Stuttgart, London, Rome, Milan, Zurich*

*Write for Catalog AR-1*





# Rez<sup>®</sup> NATURAL WOOD Fashions



**NEW Interior Latex Stains—formulated for color uniformity.** There are 30 colors in this REZ line and they've been especially developed for uniform color "take" on

various species of wood. So, if you want a color-matched finish on oak paneling and pine bookcases, for example, there's no problem.



**NEW Solid Color Latex Stains—great for exterior or interior.** REZ offers 36 new *solid* color latex stains, too. While they're ideal for highlighting ceiling beams, wall

panels, doors, etc., they are particularly suited for the rough sawn or textured exterior siding that is so popular today.

Whatever the mood you plan to create—whether it be contemporary, rustic or even antique—REZ has the fashion-right colors to match. And, these colors are available in a brand new selection of finishes that go on easy and dry fast (30 minutes). Soap and water clean-up.

For literature on REZ Latex Stains write to The REZ Company, One Gateway Center, Pittsburgh, Pa. 15222; or P.O. Box 3638, Torrance, California 90505.

For more data, circle 47 on inquiry card

**Rez<sup>®</sup>**  
Natural Wood Finishes