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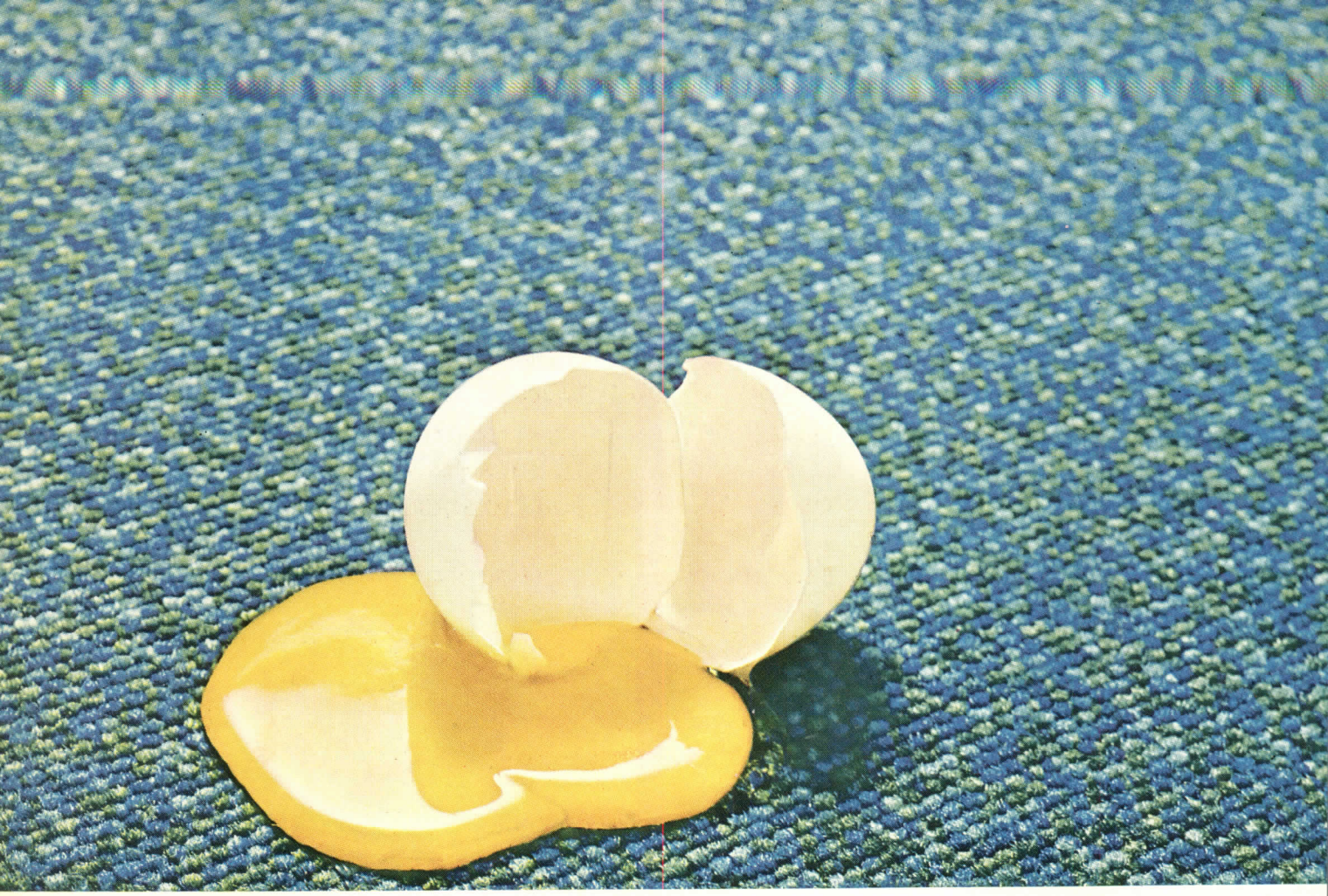

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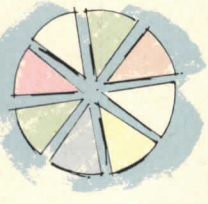

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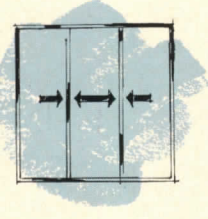

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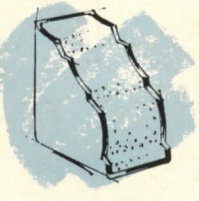

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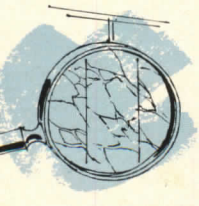

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Record house looks outward to pines and sea through ASG's Starlux plate glass

This elegantly proportioned Record House stands on a heavily-wooded slope overlooking California's Monterey Bay. It commands stunning views of towering pines, rolling hills, and the distant sea.

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The Starlux is glazed into windows that appear random-size, but actually reflect the proportions of the rooms on which they open. Through these windows (left), the owners have distortion-free views of the home's majestic surroundings.

Seen from outside (right) the lustrous polished surfaces of Starlux dramatically mirror woods and sky, and complement the home's rough-shingled exterior.

Twin ground, polished Starlux is the premier product in American Saint Gobain's complete line of architectural glasses. For full information on Starlux, including sizes and thicknesses, write: Dept. DA-5, American Saint Gobain Corporation, P.O. Box 929, Kingsport, Tennessee 37662.

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Architect: MLTW/Moore Turnbull

Picture window of ASG's Starlux brings in all the view.

On the northern exposure, a white baffle with a painted sun brings reflected light to the interior.

Starlux twin-ground, polished plate glass by... ASG CREATIVE IDEAS IN GLASS

When they said, "Give us a home that takes care of itself"...the men at Reynolds gave them one with aluminum in 49 places.

There's a house out in Wilmette, Illinois that's a lazy man's dream. It uses 49 different aluminum building products. Over four tons of aluminum, and just about every pound will save the owner work. It was built by the men at Reynolds to show just how many ways this metal can be used to make a homeowner's life easier.

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The men at Reynolds developed prepainted aluminum Colorweld® back in 1955. And builders, as well as homeowners, have had good reason to be grateful ever since.

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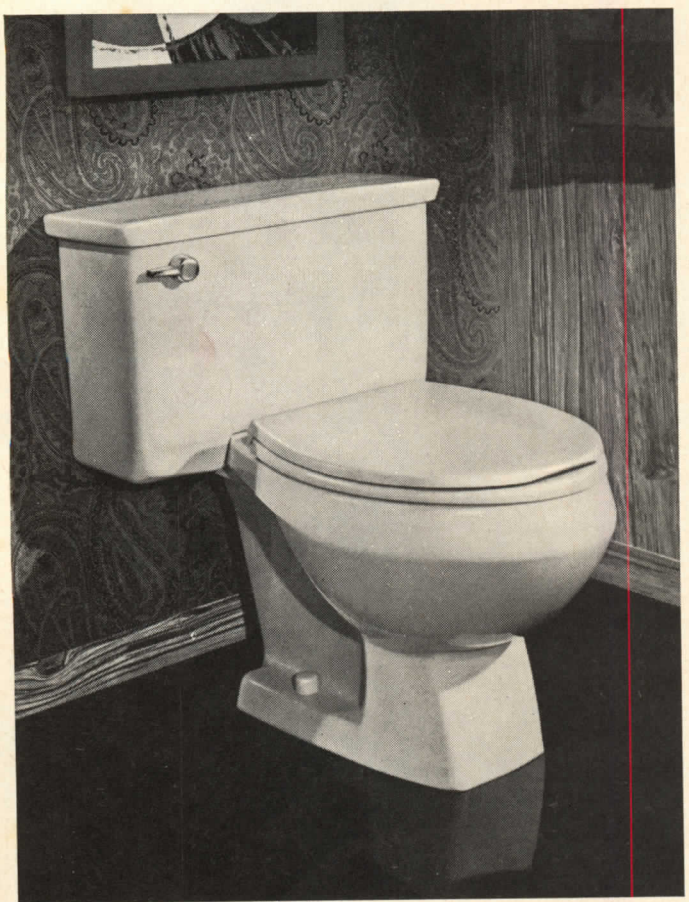
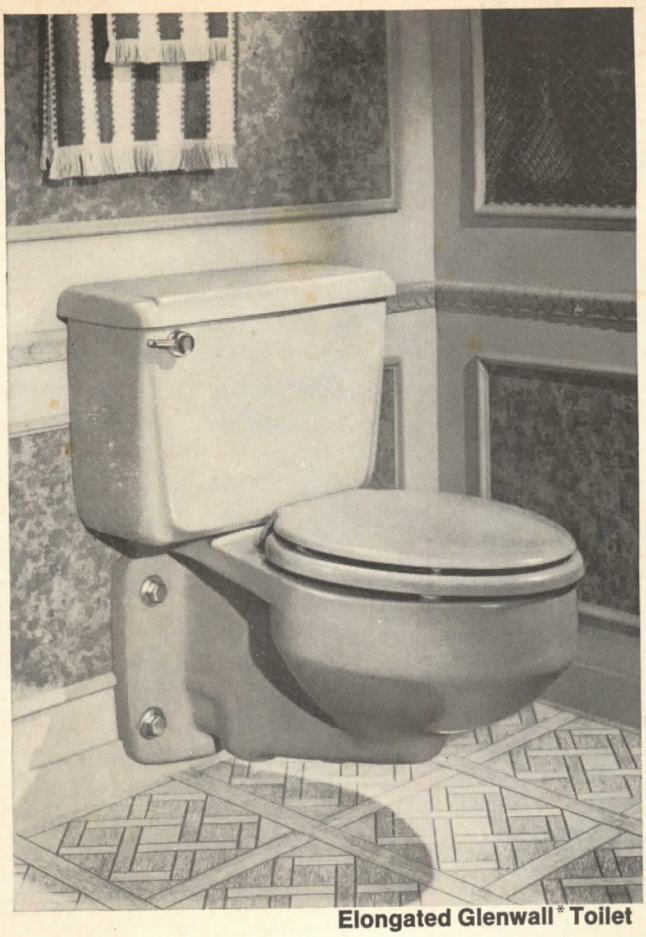


Elongated Compact* Toilet



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General Electric Kitchen and Electric Living

Concepts

NO TWO WOMEN WANT THE SAME KITCHEN,
AND NOBODY KNOWS IT BETTER THAN GENERAL ELECTRIC.

Women's tastes are as unlike as pebbles on a beach. This fact has influenced the appearance of General Electric appliances. Unequaled for looks, features and dependability, these appliances never dictate decor. The crisp, clean lines let the housewife express herself. The following designer kitchens show you how totally compatible the appliances are—and demonstrate why General Electric continues to rank first with builders, architects and consumers.

Concept #1—J-797 Americana P-7 Oven Range, TFF-21C Refrigerator-Freezer, SD-400C Dishwasher, FA-800 Disposall® Unit, W-370 Sound System/Intercom.

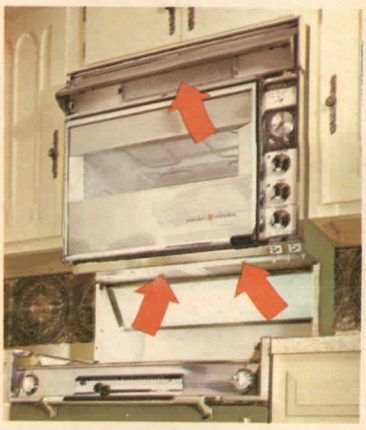
Happiness is side-by-side refrigeration and the range that's got everything.

This truly luxurious cooking center highlights the J-797 Americana® Range, a double-oven beauty with the fabulous P-7® master oven that cleans itself electrically. This lower oven also includes a rotisserie and meat thermometer. The range is a 30" free-standing unit with a true built-in look. Features a unique built-in two-level exhaust system and about every other modern range feature.

Don't touch this dirty oven.

Just set the controls

...it cleans itself electrically.



Diagrammatic illustration shows you how the J-797's built-in two-level exhaust system draws cooking vapors through vents above the top oven and the surface units.

The Refrigerator-Freezer is the striking 'Foodcenter 21', with 20.5 cu. ft. of storage—12.7 cu. ft. for fresh foods with a generous freezer that holds up to 275 lbs. Every refrigeration convenience including G.E.'s unique Auto-Fill Icemaker. No defrosting ever—either side. Rolls out on wheels. Only 65½" high, 35¾" wide, 28⅞" deep.

In freezer, 2 adjustable shelves, a slide-out basket and a juice-can dispenser for easy storage. In the refrigerator, the user gets a big assist from 1 adjustable, 2 slide-out shelves, meat pan, fruit and vegetable bins.

TEXTOLITE Countertops of durable general-purpose Avocado Twilight 4825.

Concept #2—JK-19 P-7 Oven, JP-84 Surface Plate, JV-64 Exhaust Hood, TBF-16C No-Frost Refrigerator-Freezer, SD-300C Dishwasher, FC-800 Disposall® Unit, W-370 Music/Intercom System.

A self-cleaning oven is a "must" today! G.E. can fit one into your kitchen and your budget exactly.

How much convenience can G.E. pack into a single appliance? Consider this big 27" built-in oven, the JK-19. It's a P-7® Oven that cleans itself electrically. It has a meat thermometer, rotisserie, clock and timer.

Today you can get the astonishing P-7 Oven just about any way you want it. It comes in a wide variety of free-standing and drop-in ranges in widths from 27" to 40". There are many built-in P-7 Ovens, too, to fit both 24" and 27" enclosures. You can choose from all the popular G-E colors plus brushed chrome. And remember, there are many P-7 Oven models without windows, if you prefer this type of oven. Whatever your needs, G.E. can fill them.

This striking JF-16 conventional built-in oven fits 27" enclosures and includes clock, timer and rotisserie with high styling similar to the P-7 self-cleaning oven model JK-19 shown above.

Moderately priced, FC-100 Stainless Disposall® Unit is a monument to efficiency and dependability. It's made of tough, noncorrosive stainless steel in a number of water-contact parts. Easy snap-on installation.

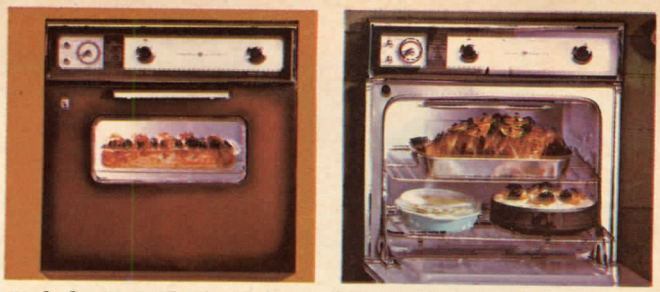
TEXTOLITE Countertops of durable general-purpose Pink 1672-N.

Big, hungry families and big built-in ovens were made for each other.

In fact, this whole kitchen was designed for a king-size family. The handsome JD-25 double oven lets you do several different kinds of cooking at once. It's big and fits 27" enclosures. Fully automatic with clock and timer. Both doors are removable for easy cleaning.

And consider the ample refrigeration. The 'Spacemaker 19' has 18.8 cu. ft. of storage space in a cabinet just 67" high, 33¾" wide and 26½" deep. The Auto-Fill Icemaker refills the ice tray automatically. There's no defrosting ever in refrigerator or big Roll-out Freezer.

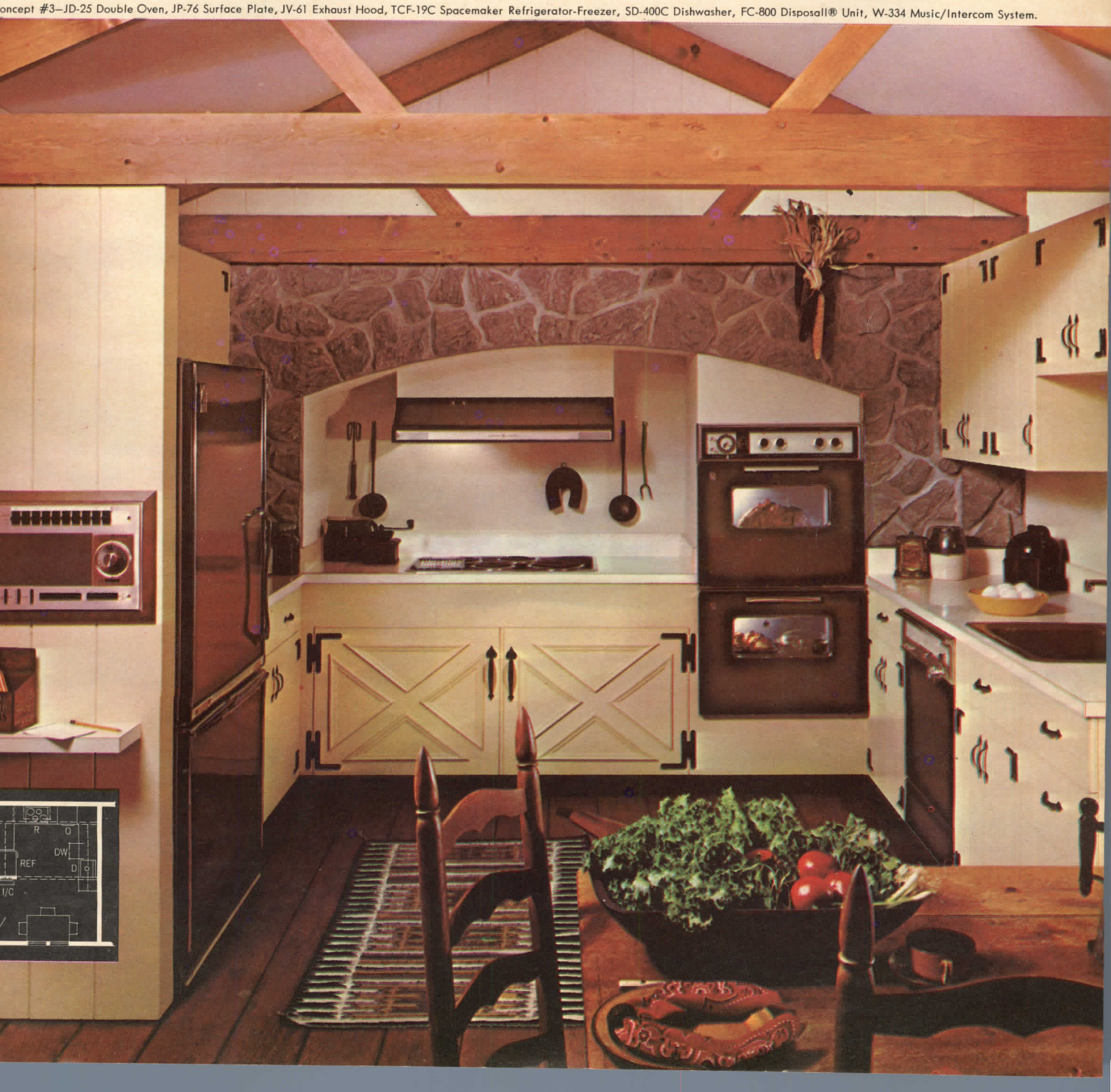
TEXTOLITE Countertops of durable general-purpose Oyster 1470-N.



Both the JD-14 (left) and the JD-12 (right) fit 27" enclosures. Both are automatic ovens. Choose between window or solid-door models.

Three new, full-width Adjusta-Glide Shelves adjust up or down on many levels and allow user to arrange her own shelf spacing. They glide in and out for easy accessibility. Removable, too.

oncept #3—JD-25 Double Oven, JP-76 Surface Plate, JV-61 Exhaust Hood, TCF-19C Spacemaker Refrigerator-Freezer, SD-400C Dishwasher, FC-800 Disposall® Unit, W-334 Music/Intercom System.



Get safety, company, entertainment and convenience—with a G-E Music/Intercom System.

No need to open the door when Dad's away... company and entertainment when you're alone in the kitchen... the perfect way to reach others in the house or monitor baby's room. These are advantages of a G-E Music/Intercom System. Make up your own system from a wide range of components.

MASTER STATIONS

W-332, deluxe AM/FM, white on gray, walnut frame.

W-334, deluxe AM/FM, copper, birch frame. W-33 brushed aluminum, birch frame.

Imagine—an ice tray that fills itself—and the P-7® self-cleaning feature in both ovens!

Go on and have a party! No ice trays to fill, no ovens to scrub. The huge 16.9-cu. ft. Refrigerator-Freezer rolls out on wheels for easy cleaning. Exclusive "stop" adjustments hold it securely in place for normal use. There's a big 4.9-cu. ft. Roll-out Freezer, Adjusta-Glide Shelves, a convertible 7-day meat pan, butter conditioner with temperature control. No defrosting ever, top or bottom. 67" high, 30½" wide, 29" deep. Right- or left-hand door.

No more filling, no more spilling. G.E.'s Auto-Fill Icemaker is plumbed right into the water line. Empty tray refills itself automatically.

This conventional JF-26 built-in oven fits 27" enclosures. Interchangeable with JK-29. It's fully automatic with clock and timer. Rotisserie in upper oven.

An exclusive Sensi-Temp® control, at eye-level on the exhaust hood, tailors the heat of this front right-hand surface unit to fit the utensil; 4", 6" or 8". Holds exactly the temperature you choose, prevents boiling over, sticking on.

TEXTOLITE Countertops of durable general-purpose Cranberry 1622-N. Wall and base cabinets of vertical Plankwood Cherry 9122-T.

Concept #4—JK-29 Double P-7 Oven, JP-86 Surface Plate, JV-66 Exhaust Hood, TCF-17C Refrigerator-Freezer, SD-300C Dishwasher, WA-1250C Washer, FC-600 Disposall® Unit, DE-1220C Dryer, W-333 Sound System/Intercom System.

70, standard AM/FM, white and gold.
71, Coppertone, W-372, Avocado.
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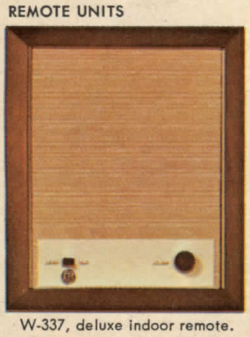
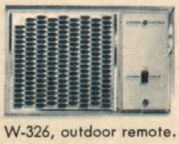
E: All Master Stations fully transistorized.

REMOTE UNITS

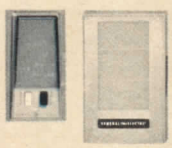


W-337, deluxe indoor remote.

W-377, indoor remote.



W-326, outdoor remote.



W-378, door speaker with doorbell button and W-388 electronic 2-note door chime.

W-376, door speaker.

W-338/W-339, portable plug-in remote.

Concept #5—JR-19 P-7 Oven, JP-84 Surface Plate, JV-43 Exhaust Hood, TAC-15C Fresh Food Refrigerator-Freezer, SD-200C Dishwasher, FA-600 Disposall® Unit, W-371 Music/Intercom System.

Now P-7® self-cleaning ovens have windows, fit both 24″ and 27″ enclosures.

Designed for 24″ enclosures, the sleek JR-19* self-cleaning oven above includes just about every convenience you can put in one oven. It's fully automatic with clock and timer. In addition to the fabulous self-cleaning feature, it has a rotisserie and meat thermometer. And there is a convenient peek-in window to see what's going on inside. Available in all the popular G-E colors and brushed chrome.

*Available Spring 1967

Here is the JR-19 showing the rotisserie. It also has a convenient automatic meat thermometer.

The JR-14 shown here is similar to the oven shown in the main illustration. Without meat thermometer or rotisserie but with the other deluxe features.

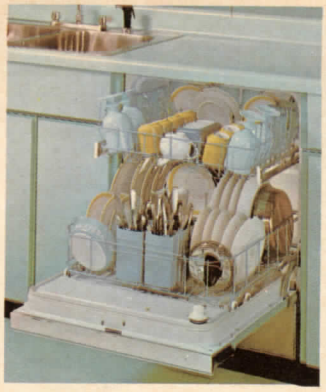
TEXTOLITE Countertops of durable general-purpose Champagne 1469-N.
Wall and base cabinets of vertical-Caisson Walnut 9552-T.

The cleaner she wants her dishes, the more she'll want this G-E dishwasher.

Here's sleek, quiet, dependable dishwashing efficiency. The SD-200C has exclusive 4-level Aerated Thoro-Wash with built-in Soft Food Waste Disposer to get everything cleaner and brighter without prerinsing or scraping...just tilt off large or hard food scraps. The Power Tower washes upward, the Power Shower washes downward, the Power Arm washes all around, and the separate Silver Shower gets your silverware sparkling clean. There are 5 cycles: (1) Daily loads, (2) Pots and Pans, (3) Rinse and Hold to get dishes out of the way until there's a full load, (4) Short Wash for lightly or freshly soiled dishes, or after you've filled the dishwasher using Rinse and Hold, and (5) the exclusive Aerated China Crystal cycle means more protection than ever for delicate china, fragile crystal.

NOTICE: the Mark 27 range model JM 89* with the P-7 Self-Cleaning Oven. Cooktop controls are in the hood at eye level.

*Available Spring 1967

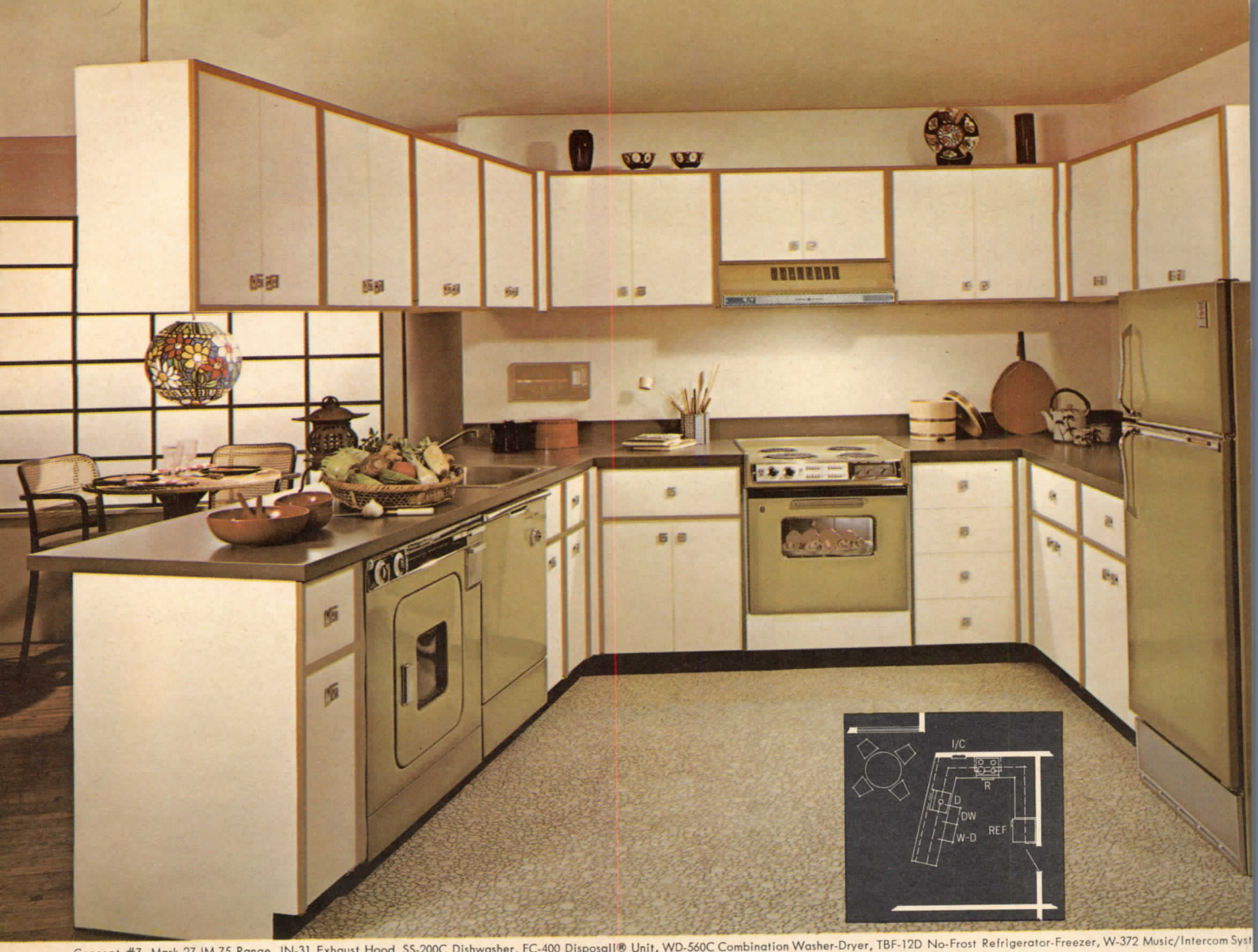


This is the design women want in a dishwasher: front loading with a pull-down door.

The J-772 is a single-oven version of the Americana® Range. Range is mounted on an accessory base cabinet. Eye-level window oven and controls for the surface units. Many more features including the unique 2-level built-in exhaust system.

TEXTOLITE Countertops of durable general-purpose Golden Teak 9204-T. Wall and base cabinets of vertical Golden Teak 9204-VT and White 1480-N.

ept #6—JM-89 Mark 27 Range with remote controls in companion JV-33 Exhaust Hood, TB-14S Refrigerator-Freezer, SD-200C Dishwasher, FC-100 Disposall® Unit, W-332 Sound System/Intercom System.



Concept #7—Mark 27 JM-75 Range, JN-31 Exhaust Hood, SS-200C Dishwasher, FC-400 Disposall® Unit, WD-560C Combination Washer-Dryer, TBF-12D No-Frost Refrigerator-Freezer, W-372 Music/Intercom Syst

Even a compact kitchen has space for a dishwasher. How about under the sink?

Leave the space-saving to G.E. The SS-200C Dishwasher is another appliance for small kitchens. It occupies that space under the sink that is usually wasted. Shown here off-set with a Disposall® Unit alongside, it can also be centered directly under the sink in a space only 24" wide. In fact, every appliance in this kitchen from the range to the Refrigerator-Freezer to the combination washer-dryer was created to pack maximum convenience in a minimum of space.

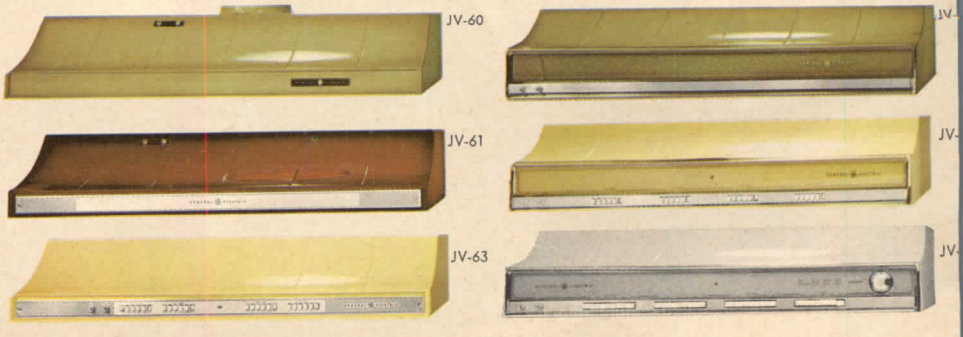
TEXTOLITE Countertops of durable general-purpose Black Olive 1665-N.

This deluxe backsplash accessory, the JA-27, is optional for all standard 27" Mark 27 drop-in ranges. Simple to install, it eliminates the extra expense of countertop cutouts and gives the range a custom look.

The J-245 is only 21" wide, exceptionally compact for small kitchens, summer cottages, etc. Can be used as a free-standing unit as shown, or built-in. 3-surface unit model, the J-235.

Now—a complete line of G-E vented and non-vented hoods.

Today there's a beautifully styled G-E hood to match almost any range or surface unit. Choose from 19 different models; blower vented...fan vented...non-vented. 30", 36" and 42" sizes, some with surface-unit controls built right in. The selection of hoods shown represents leader, deluxe and custom styling.



The lady wants laundry equipment for tomorrow's fabrics, too. Right? Right!

G-E washers and dryers both have an eye on the future. They were engineered for today's fabrics as well as the ones to come.

The WA1250C features the exclusive MINI-BASKET®, a small, extra wash basket that carefully launders up to 2 pounds of leftovers or special garments you'd normally wash by hand. The regular wash basket does extra-large loads, up to 16 pounds of mixed heavy fabrics. A special permanent-press cycle with automatic fabric cooldown gives new permanent-press fabrics "just right" care for best results.

The DE1220C dryer, "The Dryer that *Irons*," offers great new no-iron results at the push of a button. Tumble drying with controlled heat relaxes wrinkles and fluffs permanent-press fabrics to their original shape.

This little extra tub, the MINI-BASKET, is for leftovers, sneakers, colored things that run. Does all the delicate things you used to have to wash by hand. Economical, it uses a minimum amount of water and detergent.

G.E.'s exclusive Filter-Flo® washing system traps lint fuzz as the wash water is constantly recirculated through the non-clogging, moving filter. It's a long-time G-E feature that's never been equalled for efficiency.

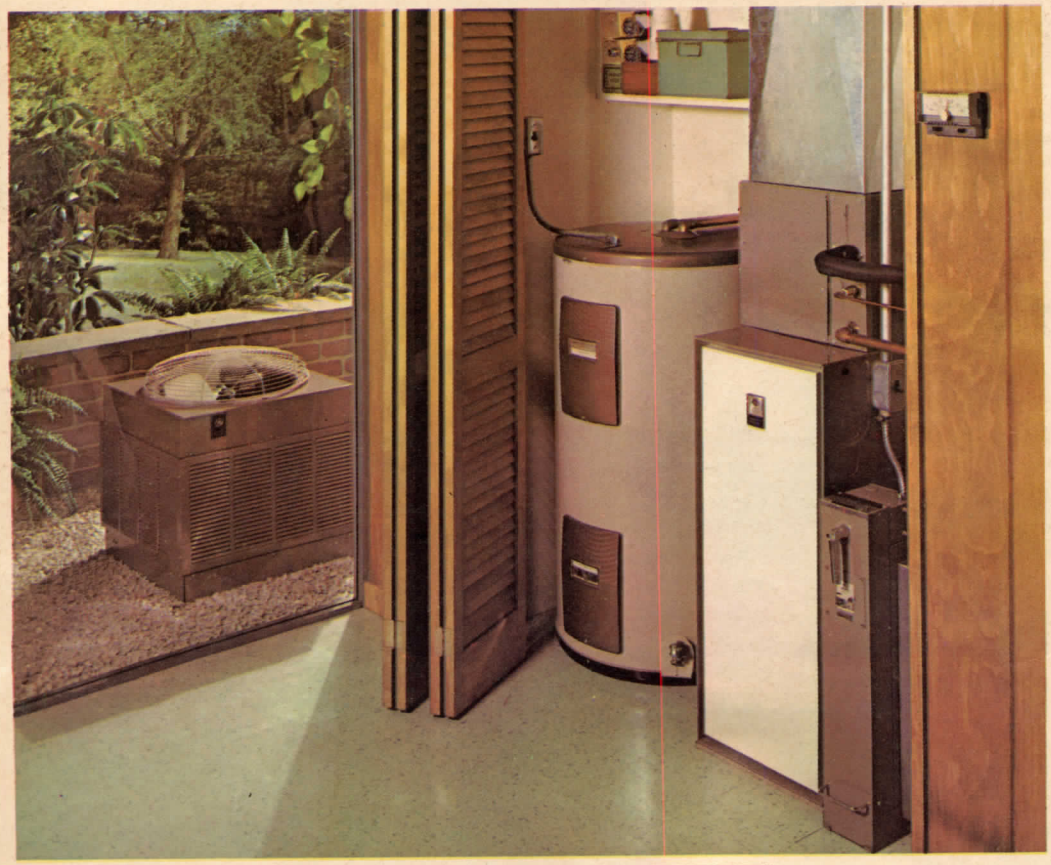
The DE-122OC Dryer's secret is the amazing Thermo-Sensor dry control. It automatically measures the moisture content for any fabric load, prevents overdrying or underdrying, eliminates guesswork.

Concept #8—WA-1250C Washer, DE-1220C Dryer, W-377 Intercom Remote.

Even a new home without year-round climate control is already obsolete.

The enormous appeal of Total Electric living comes from its comfort and convenience. With it you can enjoy the supreme luxuries of climate control, electric kitchens, laundries, and all the dramatic new methods of home lighting. Beyond all this, with Total Electric wiring, you are fully prepared for the electric wonders of tomorrow.

G-E Zoneline air conditioning is compact, trim looking, highly efficient for zonal cooling. Blends perfectly with any decor. Cooling or cooling-heating units from 6,000 to 15,000 BTUs. Also shown are baseboard electric heating units that are quiet, clean, economical, and they save space in any area. Baseboard is but one of many G-E electric heating systems offering room-by-room temperature control.



Central Air Conditioning with this new G-E electric furnace and electrostatic air cleaner gives the ultimate in year-round, whole-house comfort. Notice, too, the new G-E water heater. Fast, silent operation and loads of hot water. Compact equipment is easily installed and is available in capacity ranges suitable for any size residence.

The Gold Medallion is the electrical industry's mark of excellence in home building.

- ☐ Please send me details about General Electric's program for all-electric construction.
- ☐ Please send me working plans and specifications for Concept Nos. ____, ____, ____, ____, ____, ____, ____, ____, ____.
- ☐ Please send me specifications and additional information on the following products: _____, _____, _____, _____, _____, _____, _____, _____, _____,

Name_____

Street Address_____

City_____ State_____ Zip Code_____

Mail coupon to Mrs. Eleanor Mellichamp, Consumer's Institute, General Electric Company, Appliance Park, Louisville, Ky. 40225

For Builders General Electric offers a variety of services to help sell or rent total electric homes and apartments: kitchen and laundry designs, electrical systems, engineering counsel, customized merchandising programs and promotional aids. Whether you build the largest hi-rise apartment or the smallest single-family house, these services are yours when the home is equipped by General Electric.

GENERAL ELECTRIC

B24-4067

How can Raynor improve the No.1 fiberglass garage door? Make it with Tedlar, guarantee it for 15 years!

Now Raynor has found a way to make the industry's leading fiberglass garage door even better. Raynor took Raylon fiberglass, already rated outstanding in value and durability, made it with du Pont Tedlar* PVF Film, and guaranteed it for 15 years! Tedlar offers exceptional protection against corrosive acids, alkalies, hot tar, greases, caustics . . . virtually everything that defaces or erodes other surfaces and finishes. Unequalled in resistance to sunlight, oxygen, and weather. Maintenance? Virtually non-existent. And price? No change. Lightweight, ruggedly built, yet attractive in appearance. Raynor also makes industrial, commercial, and residential doors in wood, steel and aluminum in all price ranges.

*TEDLAR IS A REGISTERED TRADEMARK OF DU PONT.

RAYNOR
The Brand You Can Depend On

Raynor Manufacturing Co., Dept. H, Dixon, Illinois
Please send me free literature on Raynor garage doors.

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For more data, circle 5 on inquiry card

Others make hydronic pumps...we teach the industry how to use them!

More than 8,000 graduates of the B&G "School of Living Comfort" have returned to contractors, wholesalers, engineering firms and plant engineering departments... better qualified to design systems and apply the familiar B&G Booster pumps that changed a nation's thinking about hot water heating and chilled water cooling.

We've always felt we owed the heating industry *product plus.* We deliver it!

If you want *more* for your dollar, be sure it *is* B&G...not just a product that "looks like B&G." Check your local B&G Stocking Representative...the man ever willing to go the extra mile. In Canada: ITT Industries of Canada, Ltd., Guelph, Ont. Bell & Gossett, ITT Fluid Handling Division, International Telephone and Telegraph Corporation, Morton Grove, Ill., Dept. **32Y.**

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SIMPSON

RUF-SAWN REDWOOD PLYWOOD

If you like wood . . . you'll really like Ruf-sawn

When you want something to look extra special, dress it up with Ruf-Sawn Redwood. It will do the job for you and probably even save you money. Just take a look at what you get when you specify Simpson Ruf-sawn:

The wonderful, natural warmth of Redwood
A choice of distinctive, textured patterns
Virtual freedom from decay or insect attack
The best paint or stain retention available
All the economies of panel installation

Why not utilize these benefits to your advantage? For complete information and design ideas, see your Simpson supplier or write to: Simpson Timber Company; 2000 Washington Building; Seattle, Washington 98101.

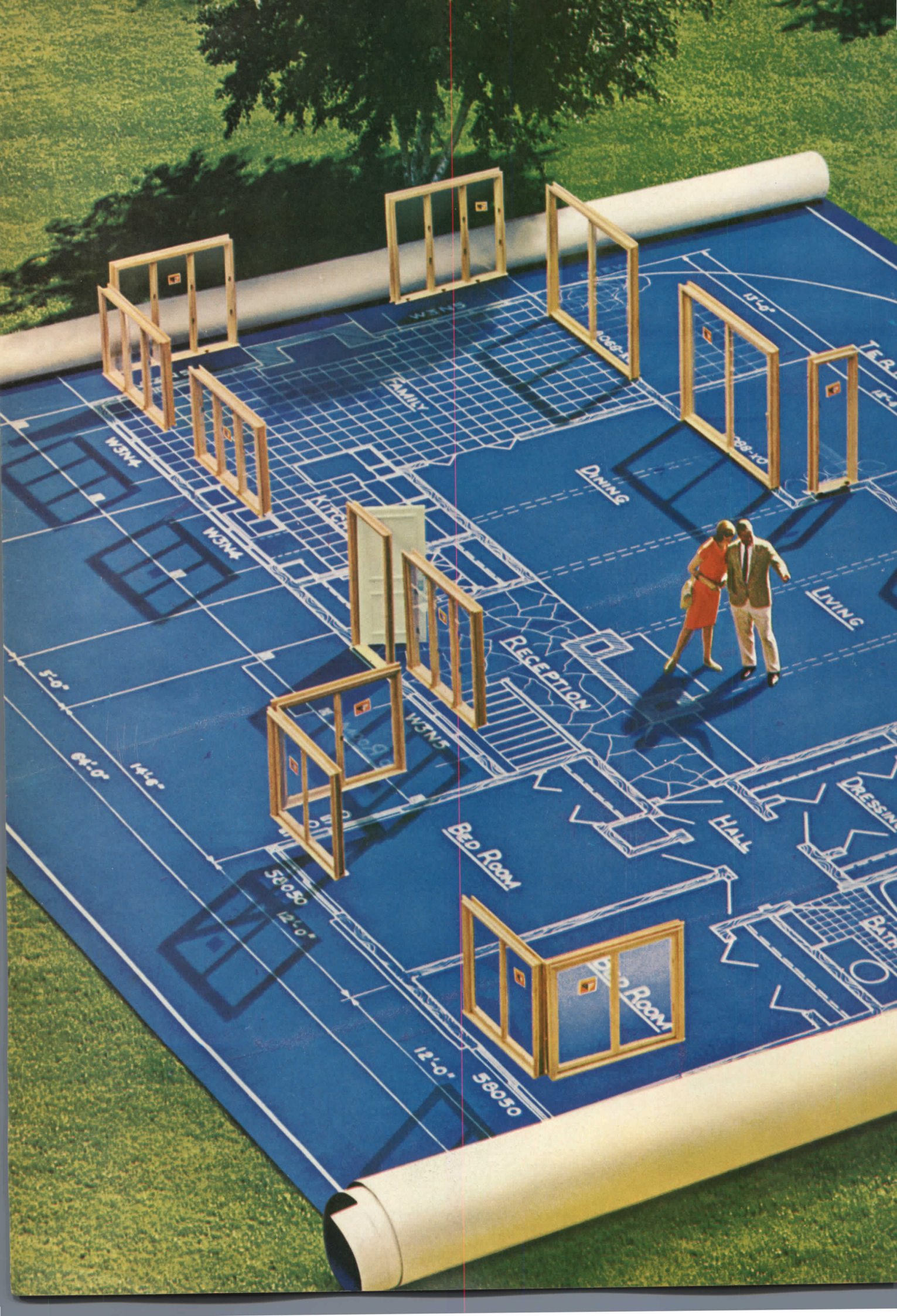
Simpson

Other quality Simpson products include: Redwood, Fir and Hemlock lumber; Redwood, Fir and Hardwood plywoods; Decorative and Acoustical ceilings; Insulating and Building board; Standard and Decorator doors; Decorative and Structural overlaid panels.

Forest products designed for better living

This background is new! Shadow Groove Ruf-sawn. Toasted grooves on 3.2" centers may be used horizontally or vertically.

For more data, circle 7 on inquiry card


W3N3
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BED ROOM
HALL
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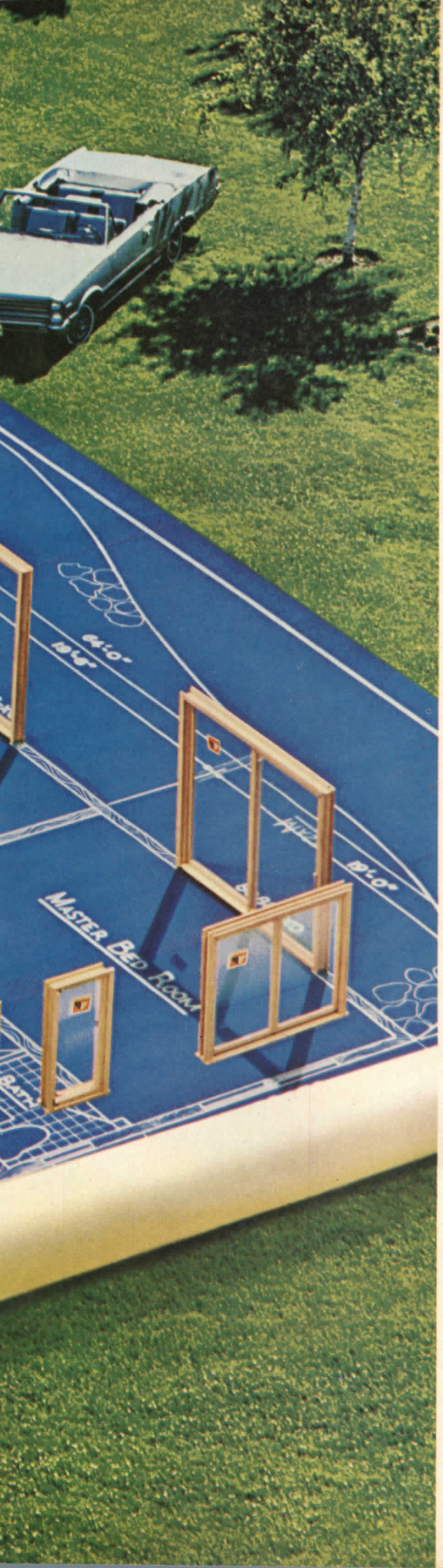


Andersen Windows and Gliding Doors comprise almost half the exterior wall area of this modern home. Plan by Johnson & Nordblom Inc., St. Paul, Minnesota.

When half the walls will be windows, can you justify the leaky, drafty kind?

The fact is, the more windows you use, the more important it becomes to specify Andersen Windows.

Because every window opening is a potential trouble spot.

But Andersen Windows are built **extra weathertight** (up to 4 times tighter than ordinary windows). They'll save your clients 15% or more each year on fuel costs.

Another reason for specifying them? Nobody will dispute the importance of windows as a design element. And Andersen Windows **complement your design** . . . no matter how many you include. They don't get in the way. They just do their job quietly . . . beautifully.

Also, the more windows your clients have, the more they will appreciate the convenience and carefree living their Andersen Windows afford. They'll thank you for specifying windows that **operate smoothly**, silently, effortlessly. They'll thank you for recommending welded insulating glass that eliminates all storing, handling and washing of storm windows. Or removable grilles that pop out for easy window cleaning.

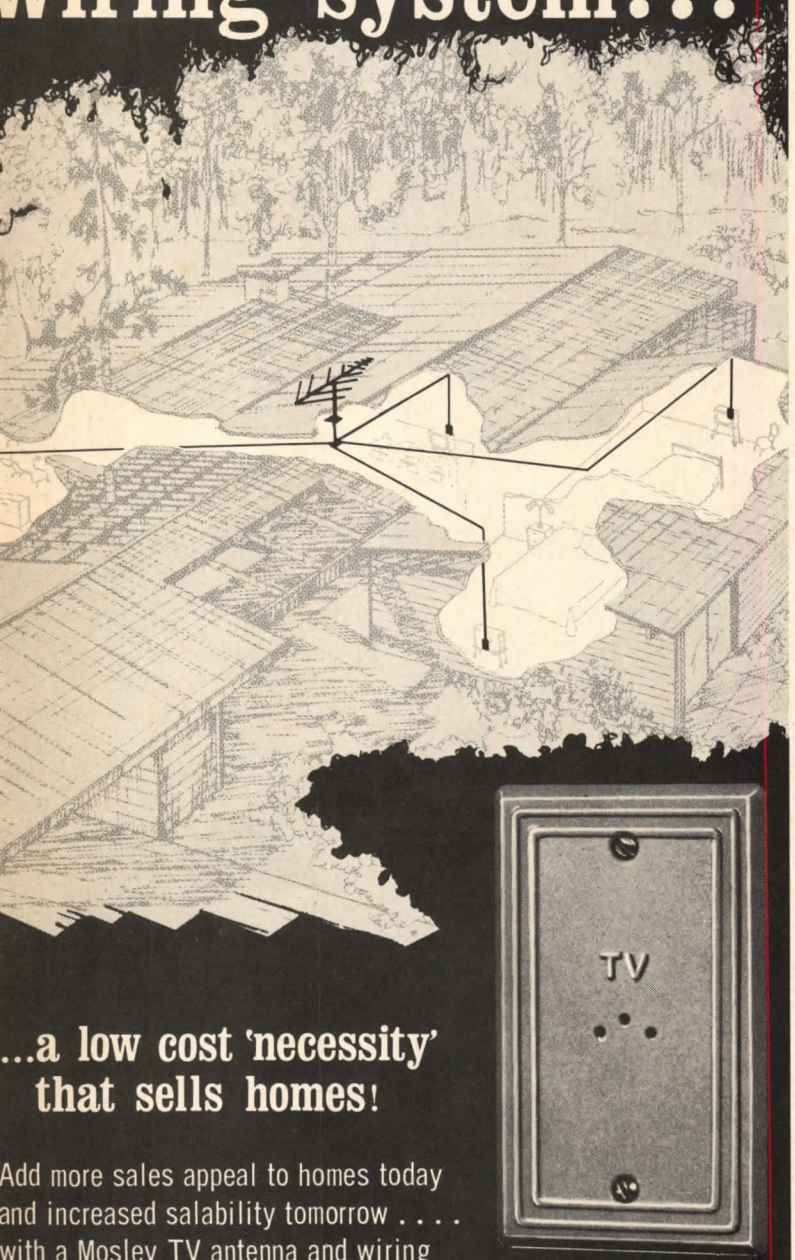
Find them all in Sweet's File. Or contact your Andersen distributor for a complete Tracing Detail File on all **6 beautiful types** (hundreds of sizes). Ask about the completely new Andersen Perma-Shield™ windows and gliding doors. They combine the insulating value of wood and the lifetime maintenance savings of a rigid vinyl shield.

Andersen Corporation, Bayport, Minnesota 55003.

Andersen Windowalls™ AW®

Window Beauty is Andersen

new "whole house tv wiring system"...



...a low cost 'necessity' that sells homes!

Add more sales appeal to homes today and increased salability tomorrow . . . . with a Mosley TV antenna and wiring system for 'picture-perfect' COLOR/B&W, and clear FM/STEREO RADIO reception. A must for your homes!

Connects one rooftop antenna with up to 8 outlets . . . have 8 TV sets operating simultaneously or move one around. Priced under $65.00. Installs in about 2 hours.

There's a Mosley TV antenna and wiring system ideal for your homes! Send for detailed brochure, MOSLEY ELECTRONICS. INC. Dept. 135, 4610 N. LINDBERGH BLVD., BRIDGETON, MO., 63042

Please send me FREE of charge and obligation, literature on the 'Whole house TV wiring system'. Dept. 135

Name _____

Address _____

City & State _____

Zip Code _____

MOSLEY ELECTRONICS, INC.

NEW LITERATURE FOR HOUSE PLANNING

For more information circle selected item numbers on Reader Service Inquiry Card pages 133-134

WOOD FINISHES / An 8-page brochure details information on surface preparation and application of natural wood finishes and varnishes for antique furniture, wood siding, wood porches, and other residential surfaces, including brick patios, stone walks, and marine surfaces. ■ McCloskey Varnish Co., Philadelphia.

Circle 400 on inquiry card

PAINT / A 16-page paint guide features color selection advice for interiors, exteriors and furniture. There are sections on furniture antiquing and exterior remodeling. Two pages of color chips are included. ■ Martin-Senour Paint Co., Chicago.*

Circle 401 on inquiry card

PLYWOOD CONSTRUCTION / A 28-page construction guide for residential buildings outlines types, grades, and applications based on latest *Product Standard PS 1-6 for Softwood Plywood.* One of the six sections recommends span and nailing schedules for plywood wall sheathing and siding. Other sections cover floor and roof construction. ■ American Plywood Assoc., Tacoma, Wash.*

Circle 402 on inquiry card

WROUGHT IRON / "Decorative Ideas in Iron" suggests uses for valances, brackets and screens—including stair railings and room dividers. Ideas for patios, gardens, porches, and windows are featured. ■ Logan Co., Louisville, Ky.

Circle 403 on inquiry card

DECORATIVE HARDWARE / Knobs and pulls in various traditional styles are illustrated in a 12-page catalog that describes available finishes and materials, including porcelain, crystal, and antiqued wrought iron. ■ Peabody Distributing Company, Los Angeles.

Circle 404 on inquiry card

MAILBOXES / A 10-model line of wall mailboxes in contemporary styles is shown in a 6-page color brochure. ■ John Sterling Corp., Richmond, Ill.

Circle 405 on inquiry card

LIGHTING FIXTURES / A collection of fixtures described by the manufacturer as "Country French" is illustrated in a 16-page color catalog. Included are chandeliers, brackets, and drops, as well as bathroom and kitchen fixtures. A contemporary series is also shown. ■ Light-Trend Division, Halo Lighting, Rosemont, Ill.

Circle 406 on inquiry card

WINDOW SHADES / "Window Fashions Work Wonders" is the title of a 36-page guide to the co-ordination of window shades, curtains, valances and shutters. One section tells how to choose, measure, and install shades and brackets. There are photographs of home interiors and details of new materials and trends. The guide is available for 50 cents. ■ Joanna Western Mills Co., Dept. HS, P.O. Box 3413, Merchandise Mart Station, Chicago.*

MURAL PANELS / An 8-page brochure illustrates a line of prefinished mural panels. Featured among the six plastic-coated murals are marine and river scenes designed for bathroom walls. ■ Marlite Paneling, Dover, Ohio.

Circle 407 on inquiry card

GLASS / All patterns for rolled, figured, and wired glass are illustrated in a 20-page catalog. ■ Mississippi Glass Company, St. Louis.*

Circle 408 on inquiry card

DOORS AND WOODWORK / Decorator doors featuring molded, handfinished carvings in Milano gold, Granada iron, white and gold are part of a 16-page color catalog. Individual carvings for other decorative purposes include entrance doors, Dutch doors, panel, sash and louver doors, as well as traditional and contemporary designs for stairways, mantels, room dividers, cabinets, blinds and shutters. ■ Morgan Company, Oshkosh, Wisc.

Circle 409 on inquiry card

** Additional product information in Sweet's Architectural File*

more literature on page 28

For more data, circle 8 on inquiry card

Specify Beauty

MONOSAIC SEAMLESS FLOORING

See our Catalog in Sweet's Architectural File (11e/Ma)
Industrial Construction File (10d/Ma)
Light Construction File (8b/Ma)

Elegant . . . glossy . . . 3-dimensional . . . and offering you the opportunity for an infinite range of custom-blended colors . . . soft or brilliant.

MONOSAIC is seamless flooring at its finest. It's resilient, flexible, comfortable and quiet to walk on, yet highly resistant to heel and furniture indentation. It's the easiest-of-all floors to maintain. Common stains, acids and alkalis don't affect it. Dirt and germs can't penetrate. *It almost never needs waxing!*

You'll also like the low cost of MONOSAIC, and the fact that it will be installed by the industry's best-trained applicators.

You can specify MONOSAIC Seamless Flooring practically anywhere. It's ideal for homes . . . a favorite for institutions . . . a big cost-saver for commercial buildings.

Your local MONOSAIC representative will be pleased to show you local installations, samples or to quote. Call him *today* . . . or write

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Experienced Applicators Throughout the Nation

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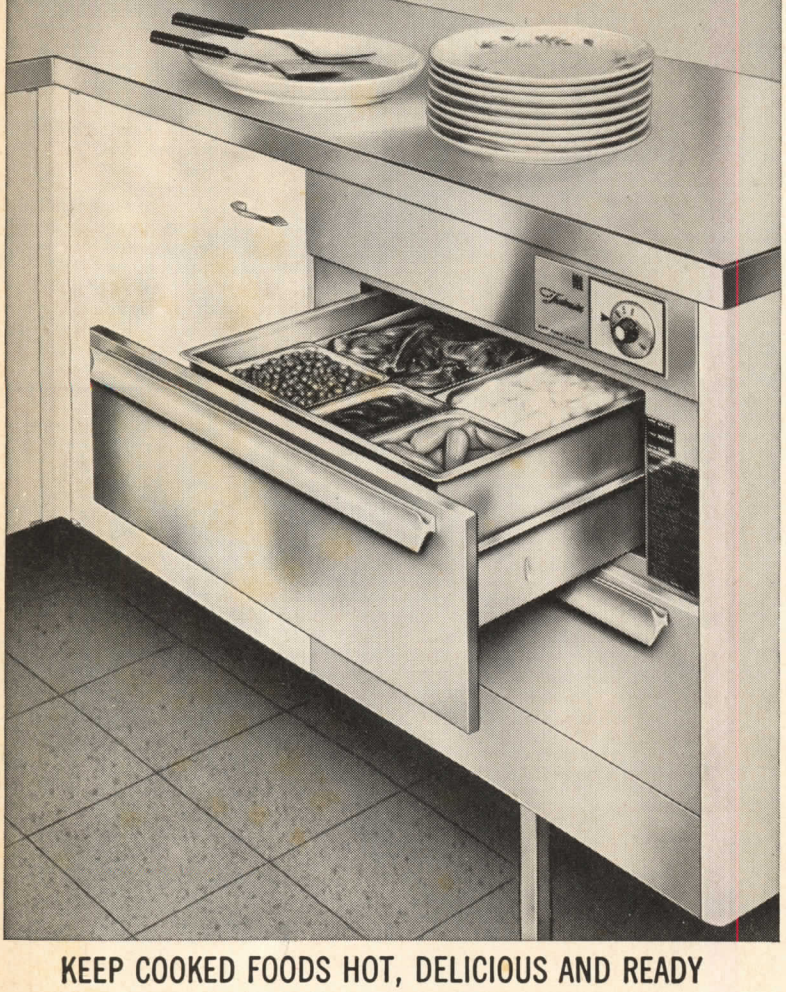
SERVE WHEN YOU PLEASE



KEEP COOKED FOODS HOT, DELICIOUS AND READY TO SERVE FOR HOURS AS NO OVEN CAN

NEW *Toastmaster*
HOT FOOD SERVER

This convenient, use-every-day appliance opens up a whole new world of kitchen freedom. Complete meals can be cooked in advance and kept hot and tempting for later serving. Children can now enjoy hot, tasty lunches even when you're away. You'll put an end to last-minute scrambling . . . eliminate the problem of having all foods hot at one time! And, you'll enjoy your guests when your party meal is cooked in advance! Exact "Moist-Crisp" and temperature controls insure perfect food for hours after cooking. Select from a variety of decorator-styled exterior finishes or matching wood fronts to beautify and customize your kitchen.

TOASTMASTER®
Toastmaster Division, McGraw-Edison Company
"Toastmaster" is a registered trademark of McGraw-Edison Company, Elgin, Ill., and Oakville, Ont.

McGRAW EDISON

Send more information!

TOASTMASTER DIVISION
McGraw-Edison Company, Elgin, Illinois
Tell me more about this wonderful new appliance.
And tell me name of my nearest dealer!

Name_____
Address_____
City_____ Zone____ State_____

LIVE BETTER ELECTRICALLY

continued from page 26

PLUMBING FIXTURES / A 20-page catalog illustrates bathroom fixtures, fittings, heaters and furnaces, and whirlpool bath. A porcelain color selector is included. ■ Briggs Manufacturing Co., Warren, Mich.
Circle 410 on inquiry card

CONVENIENCES / An 8-page booklet shows examples of pushbuttons, door chimes, range hood-fans, bathroom exhaust-light combinations and built-in music systems. ■ Nutone, Inc., Cincinnati, Ohio.*
Circle 411 on inquiry card

PAINTS / A 36-page booklet explains the use of *Ucar Latex 180*, a vinyl-acrylic copolymer, in exterior paints. The booklet reports on laboratory tests and studies made on houses. ■ Union Carbide Corp., Long Island City, N.Y.
Circle 412 on inquiry card

AIR CONDITIONERS / Supplement No. 1 to the first "1967 Directory of Certified Room Air Conditioner Models" up-dates the listings of all brand-name participants in the certification program. It lists 51 new models for window installation and 11 for through-the-wall installation. It also shows revisions in the certified data for 10 models. ■ Room Air Conditioner Certification Program, NEMA, New York, N.Y.
Circle 413 on inquiry card

HOME PLANNING / A model kit contains partitions, doors, windows, cabinets, and over 200 furniture shapes which help build and dismantle any number of floor plans. A decorating booklet and 14 color cards contain 224 paint swatches, 56 carpet and 28 drapery and upholstery colors. Available for $3.95 plus $.50 postage. ■ Leslie Creations, Box 10535, Penn Hills, Pittsburgh.

LANTERNS / A 4-page color brochure features the Windjammer series, a group of 10 lanterns modeled after the New England traditions of clipper ships in the mid-19th century. Lanterns are in solid copper and brass, and each model is named for (and bears the brass nameplate of) a different historic ship. A booklet is attached to each lantern describing its history. ■ Norwell Manufacturing Company, Taunton, Mass.
Circle 414 on inquiry card

LIGHTING FIXTURES / A 16-pag color booklet illustrating a vari ety of chandeliers and other resi dential fixtures stresses tradi tional styles. Additional novelt models have been influenced b Art Nouveau, Holland Delf Moorish and Shaker designs. Emerson Electric Co., St. Louis Mo.
Circle 415 on inquiry car

TILE / *CeramaLux* vinyl groute ceramic floor tile is featured i a 20-page catalog that include a variety of tiles for many jobs The catalog reports that *Cerama Lux will not crack*, chip or pow der out and is supplied in 20 patterns and color combination ■ United States Ceramic Til Company, Canton, Ohio.*
Circle 416 on inquiry car

CERAMIC TILE / An 8-page colo brochure offers ideas for cerami tile throughout the home. Pho tographs illustrate the varie uses, from bathroom surfaces t playroom walls and fireplace with quarry, textured, sculpture and other tiles. ■ Pomona Tile Pomona, Calif.*
Circle 417 on inquiry car

REDWOOD PANELING / Two color data sheets give informa tion on *Noyo* redwood panelin and *Noyo* redwood siding Grades, surfacing, and qualitie are detailed, and available pat terns and finishes are illustrated ■ Union Lumber Company, San Francisco, Calif.
Circle 418 on inquiry car

WALL PANELING / Application of plastic-finished hardboar paneling are illustrated in a 4 page booklet. A full line of pa terned, textured and wood grained panels are shown fo both new homes and remode ing. ■ Marlite Paneling, Dove Ohio.
Circle 419 on inquiry car

SIDING / A color brochure o rough-sawn siding details grade patterns, specifications, applica tion and finishing. Various pa terns are displayed in moder *settings* along with the wid range of color effects. Exteri stain finishes, which are r ported extremely durable o rough-sawn southern pine, a described. ■ Southern Pine A sociation, New Orleans, La.
Circle 420 on inquiry car

* *Additional product informatio in Sweet's Architectural File*

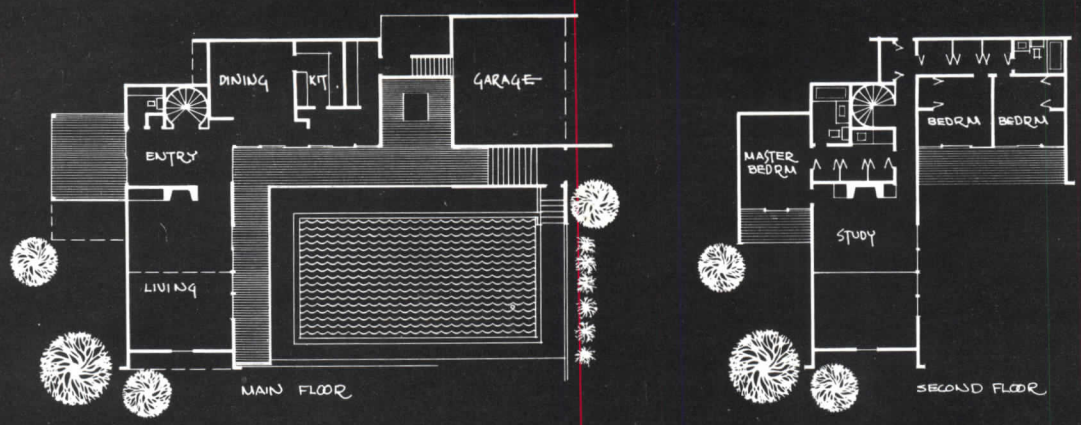
more literature on page

For more data, circle 10 on inquiry card

For more data, circle 11 on inquiry car

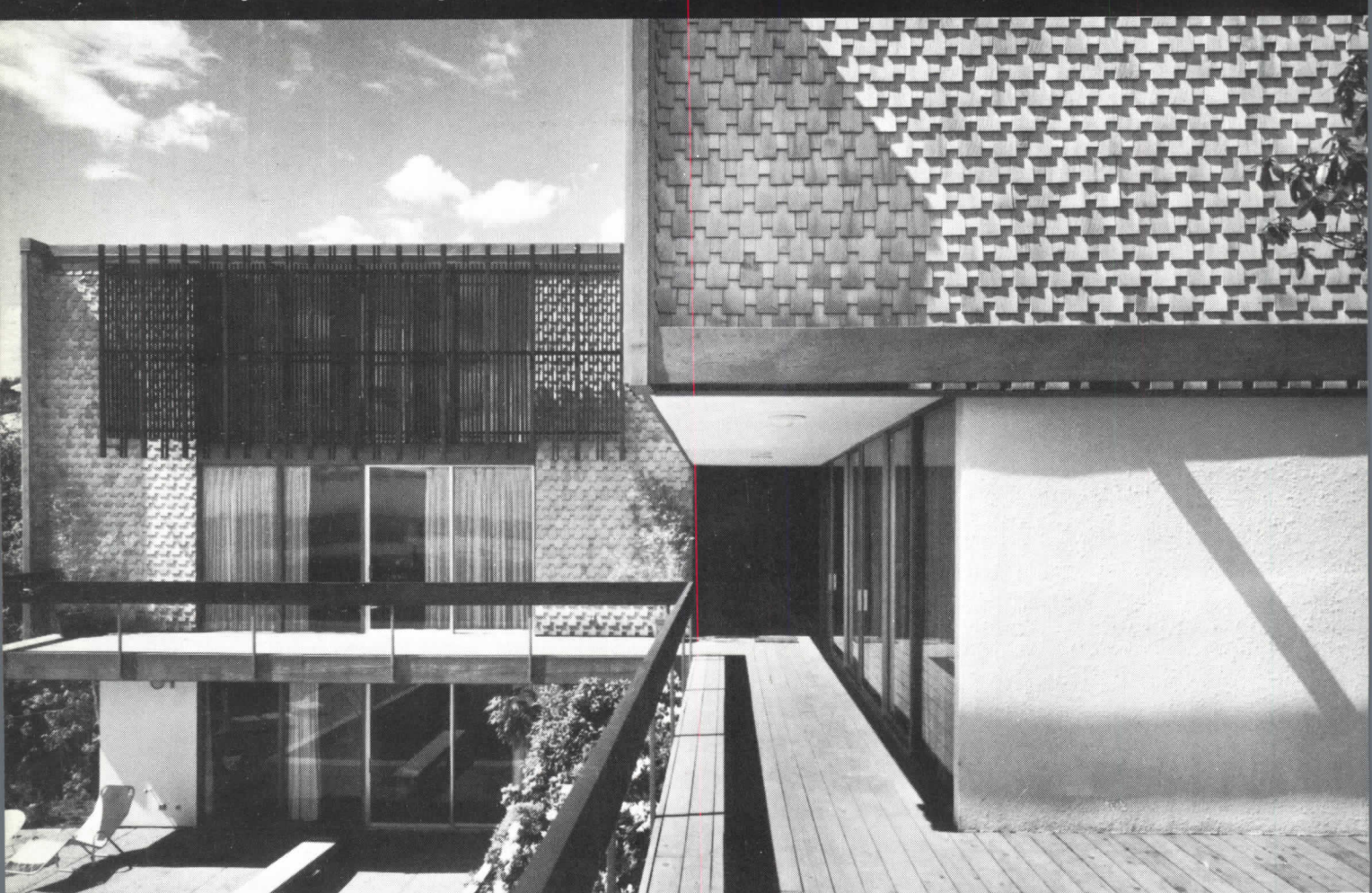
Richard Schultz designs furniture for indoors and out. The same furniture.

Richard Schultz set two goals for this Leisure Collection: It had to work equally well indoors and out. It had to be maintenance free and durable. The result is furniture that is cool to sit on, won't collect rain, dries rapidly and is rust-proof. The construction features aluminum frames coated with textured plastic. Nylon-dacron mesh sling seats with extruded vinyl edge bands. Stainless steel connections. The Knoll Leisure Collection includes lounge chair and dining chair, with or without arms: contour chaise; adjustable chaise; rectangular and square dining tables and coffee tables. In white or beige. Knoll Associates, Inc., Furniture and Textiles. 320 Park Avenue, New York, New York 10022. Knoll International operates in 26 countries.



THE CROWNING TOUCH OF QUALITY · RED CEDAR SHINGLES & HANDSPLIT SHAKES ·

Residence: West Vancouver, British Columbia, Canada / Architect: Ian Davidson, Gardiner Thornton Gathe Davidson Garrett Masson & Associates. Certigrade Dimension Shingles, #1 Grade, alternating 2½" and 5" widths, with buttlines staggered 2½", and 5" weather exposure.



Precision and texture: the special effect of red cedar dimension shingles.

Special red cedar dimension shingles make possible several highly controllable departures from the normal, unplanned patterns that result from the random widths of standard shingles.

By alternating 2½" and 5" uniform widths, butts staggered, the architect above has achieved a bold, dimensional effect. One beautifully enhanced by the wood's natural color and texture. And one which, thanks to red cedar's remarkable durability, should last the lifetime of the house — even if left untreated.

Of course shingles take stains and paints exceptionally well, too. And no other sidewall or roofing material so perfectly combines the advantages of light weight plus structural strength. Worth finding out more about? Then see our Sweet's catalog listing 21d/Re. Or call or write for details about Certigrade shingles (dimension or regular), Certigroove sidewall shakes or Certi-Split handsplit shakes.

RED CEDAR SHINGLE & HANDSPLIT SHAKE BUREAU

5510 White Building, Seattle, Washington 98101
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For the beauty of wood at a moderate price, it's the new PELLA Standard Casement! All traditional PELLA quality features are evident in this new wood window. Sturdy wood frames and 1 3/4" thick sash provide excellent insulating qualities. Dual Durometer weatherstripping (a combination of rigid and flexible vinyl) seals out drafts and moisture. All exterior surfaces are factory-primed, ready for finish painting. Double Glazing Panels and flat all-aluminum inside screens are self-storing. Sill-mounted roto operator opens sash 90° so both sides of glass can be washed from inside. PELLA offers 20 vent and 37 fixed sizes.

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When only the finest will do, pick PELLA Wood De Luxe Casements. Top PELLA quality, of course, with unique comfort and convenience features. Concealed steel frame adds strength to the beauty and insulating qualities of wood. Exclusive inside Rolscreens® pull down like a window shade, roll up out of sight. Self-storing inside storms and stainless steel weatherstripping seal against weather, dust and noise. Rectangular, horizontal or diamond muntin bars, snap in, snap out for easy cleaning. Exclusive design permits masonry installation without wood bucks. If you want the best pick from 18 vent and 48 fixed sizes.

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Mutschler also offers a complementary line of high-storage vanities. Built in the same fine furniture tradition, and available in a choice of styles. Outstanding interior adaptability to virtually every storage need.

Mention MUTSCHLER: *and the sale begins!*

If you are designing quality homes, one of the most demonstrable quality features you can employ is a Mutschler Kitchen. Mutschler Kitchens are the ultimate in fine cabinet craftsmanship. They are beautifully styled, offer a wide choice of lovely finishes. They add important elements of charm and elegance to the quality-home look. Most important, Mutschler Kitchens are recognized by people of discernment everywhere as the finest kitchens in the world. Isn't this the kind of impression you'd like to leave with your homes?

MUTSCHLER KITCHENS

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Fiberglass Aluminum Doors

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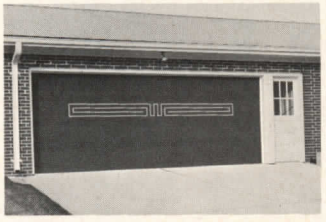
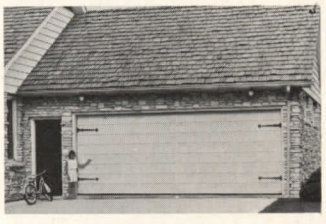
Wagner Doors have had greatest acceptance for over 60 years — and it's no wonder! No other doors so successfully fit into, blend into, or enhance the design of nearly any type house.

They have all the top quality features that assure longest door life with years of trouble-free, maintenance-free service. Electric operators with push-button and radio control are available for any kind of Wagner Garage Door.

There's a type, style, size, color Wagner Door to fit exactly into the plans you create! *Write for new Bulletin RH-67C.*



Wood Doors



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Division of Chamberlain Manufacturing Corporation

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continued from page 28

KITCHEN CABINETS / A brochure on *Spacecraft* kitchen wall and base cabinets describes the company's entire line, which ranges from small tray rack cabinets to 96-in. combination units. ■ International Paper Co., Long-Bell Div., Portland, Ore.

Circle 421 on inquiry card

LIGHTING FIXTURES / Both traditional and contemporary fixtures are featured in a 60-page color catalog. Shown in the traditional line are formal chandeliers, wall brackets and pendants in such materials as Bohemian crystal and Venetian glass. The contemporary line includes "floating" drops in glass and plastic. ■ A. W. Pistol Inc., New Rochelle, N.Y.*

Circle 422 on inquiry card

ELECTRIC HOMES / The features of total-electric living, including controlled climate, lighting, and appliances for kitchen and entertainment are described and illustrated in a 32-page brochure. ■ General Electric Company, Louisville, Ky.*

Circle 423 on inquiry card

GLASS / "Glass for Construction" is a 36-page manual on the design characteristics, uses and specifications of a broad range of flat glass products. There is detailed information on *Thermopane* insulating glass. ■ Libbey-Owens-Ford, Toledo, Ohio.*

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WATERPROOFING / An 8-page brochure explains that *Chemstop*, for concrete, masonry and wood, is a clear, penetrating solution that does not stain or coat the surface. It contains no silicones, but waterproofs through a chemical reaction that takes place within the treated material, wherein the *Chemstop* bonds itself in and around the cell structure to form a permanent moisture barrier. The brochure provides information on chemical properties, indicated uses and method of application, as well as coverage for various types of masonry and wood. ■ Chemstop Manufacturing and Sales Corporation, Burbank, Calif.

Circle 425 on inquiry card

FOREST PRODUCTS / A catalog includes specifications, illustrations and use data on major products of both the forest and gypsum industries, plus many products developed and produced by the manufacturer. Topics include gypsum roof decks; concrete forms; and structural sheathing, subflooring, and decking; sidings; wall systems; interior paneling; ceiling systems; underlayment; laminating; special woodwork; and hardboards. Letterhead requests. ■ Georgia-Pacific, Inquiry Manager, P.O. Box 311, Portland, Ore.*

REDWOOD PLYWOOD / A full-color bruchure describes how the look of redwood is combined with the performance of plywood for exterior siding and interior paneling. A detailed description of surface textures, grades and patterns is included along with finishing recommendations. ■ The Pacific Lumber Company, San Francisco.*

Circle 426 on inquiry card

GLUE-NAIL PARTICLEBOARD / Particleboard floor underlayment applied by the glue-nail method complies with a new Use of Materials Bulletin, "Mat-Formed Wood Particleboard for Floor Underlayment," issued by the Federal Housing Administration. Copies of the bulletin and "Physical Property Specifications for Mat-Formed Wood Particleboard for Floor Underlayment," are available. ■ National Particleboard Association, Washington, D.C.

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BLACK WALNUT / A 12-page pictorial brochure on American black walnut lists all the special properties of walnut, its ratings with other hardwoods and its wide selection of grain and figure. Fifteen different types of walnut figures are illustrated and new finishing techniques are presented. A special section details how to write architectural specifications for homes and offices. ■ American Walnut Manufacturers' Association, Chicago.

Circle 428 on inquiry card

PLYWOOD UNDERLAYMENT / A plywood for a resilient flooring and carpeting base is described in a 4-page brochure. The guide contains plywood grade and installation recommendations that include an underlayment over subfloors. ■ American Plywood Association, Tacoma, Wash.*

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** Additional product information in Sweet's Architectural File*

"FACILE™" RED #1706

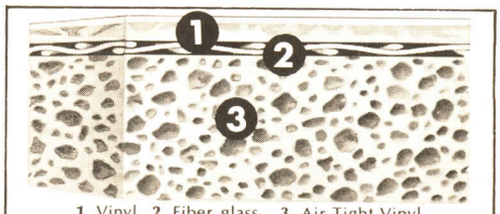
this unique, beautiful Flintkote® floor keeps the kids quiet, the cat warm, while it pampers her feet.

WALK·EASE® flooring pleases your clients in many ways. WALK·EASE is beautiful! Any room gains in luxury when one of the many distinctive WALK·EASE colors and patterns sets the decorating theme—such as this bright, warm red. But your choice is wide.

Its exclusive reinforcing layer of fiber glass makes WALK·EASE cushioned sheet vinyl flooring stronger, more durable, more resistant to indentation. And WALK·EASE is comfortable because an extra thick cushion of vinyl foam softens every step.

But there's more! WALK·EASE flooring is warm. It stays at room temperature, even when installed on or below grade. It is quiet, virtually eliminates impact sounds within rooms and in rooms on floors below. It is also hygienic, non-allergenic and easy to maintain.

No carpeting, no vinyl flooring, nothing offers you and your clients all of the many advantages of WALK·EASE cushioned sheet vinyl flooring. Consider it when next you specify flooring for an outstanding private residence.



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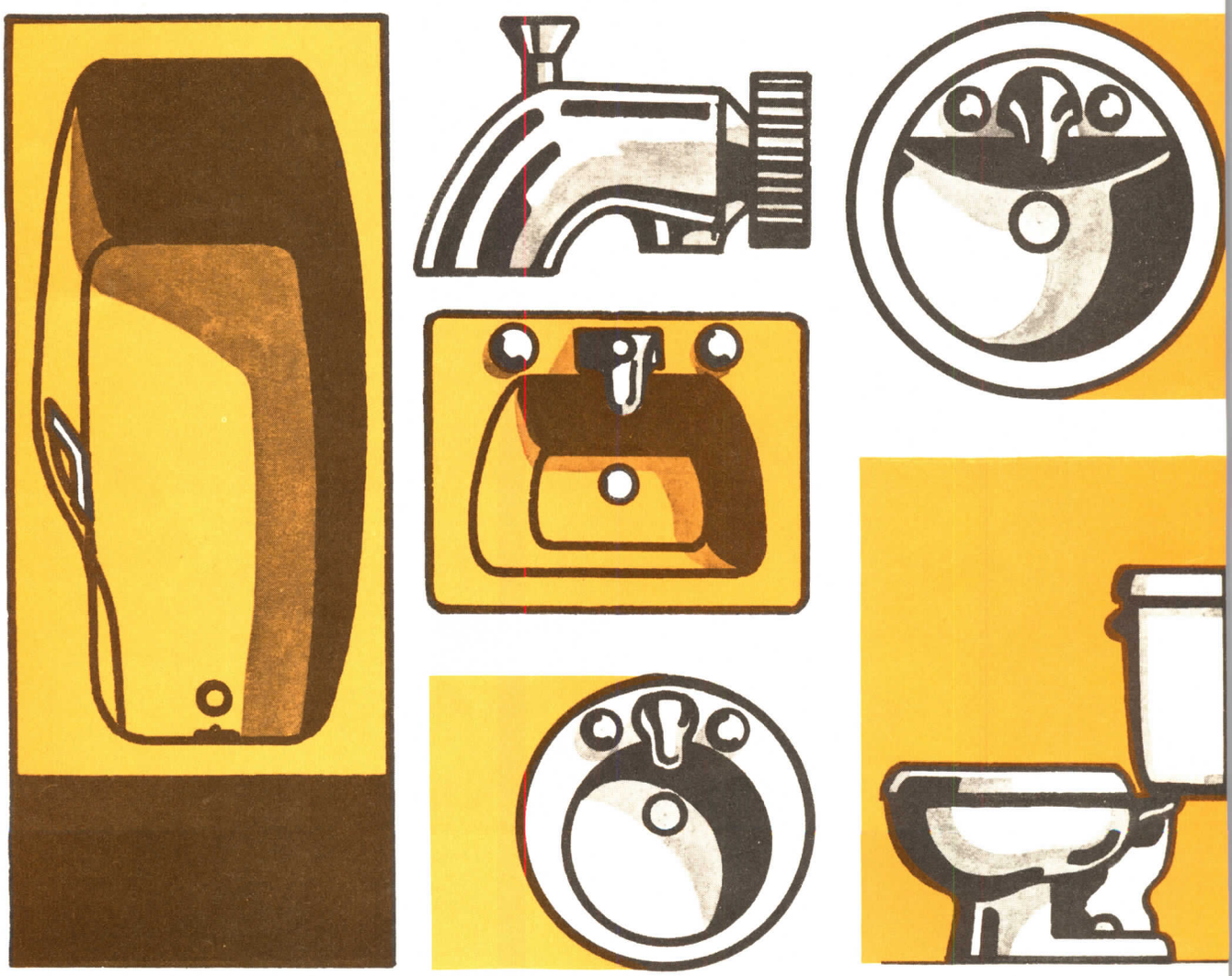
CRANE'S HOUSE RECORD EMPHASIZES THE SECURITY OF A FAMILIAR NAME

It's natural for many architects, when they specify Crane products for a home, to feel that they are putting old and trusted friends in charge.

They know from experience that Crane brings long life, practical design, and beauty where it is needed. They know that Crane responsibility never ends. And they know that the very presence of Crane plumbing, heating, and air-conditioning equipment is a good indication of the top quality that prevails all through the house.

Crane is modern and foresighted, usually a step ahead of competition; gives architects, builders, and contractors the extra built-in advantages that help keep home owners happy. The new body-shaped bathtub is not just another bathtub; built in are a grab bar, soap receptacle, and sundry shelf. And with its slip-resistant bottom, "The Empress" is not only luxuriously comfortable but is completely safe — the first truly new and successful bathtub concept in years.



Then there's the handsome self-rimming lavatory line — shaped oval, round, or rectangular — that saves so much time by installing entirely from the counter top and avoiding unsightly metal rims. Too, the clean, functional-designed water closets, in Crane decorator colors, that make themselves at home in any decor. And the exclusive corrosion-free Dial-ese control — heart of the Crane drip-proof faucet, that uses water pressure to provide a perfect seal — that's a blessing to home owners.

And with air-conditioning almost a must in today's new houses, the name Crane on heating-cooling equipment is a reassuring sign and, for the builder, another plus that is tailored to meet all specs: gas, oil; 65,000 to 224,000 Btu; remote, or rooftop. As for Crane's new gas boilers, they are conveniently compacted to 30 inches high, but rugged giants in capacity and performance.

If a company's conscience can be measured by the care it takes to uphold the quality of its products — you'll find conscience working overtime at Crane. After all, we have an excellent house record and we aim to maintain it.

For more information on Crane plumbing, heating and cooling equipment write Dept. RH5, Crane Co., 4100 South Kedzie Avenue, Chicago, Illinois 60632.

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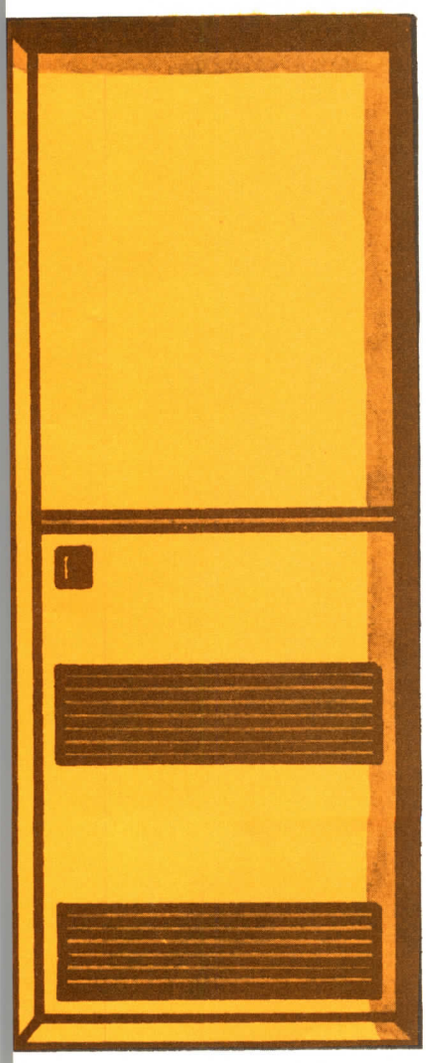
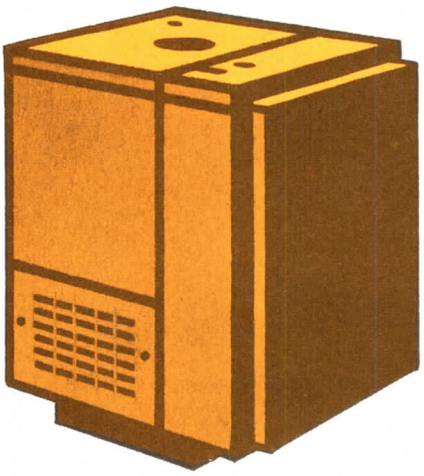
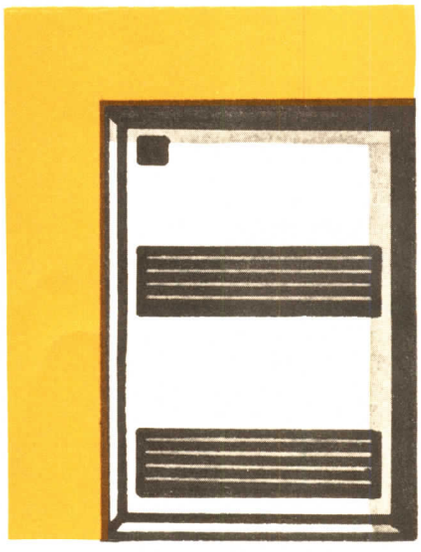
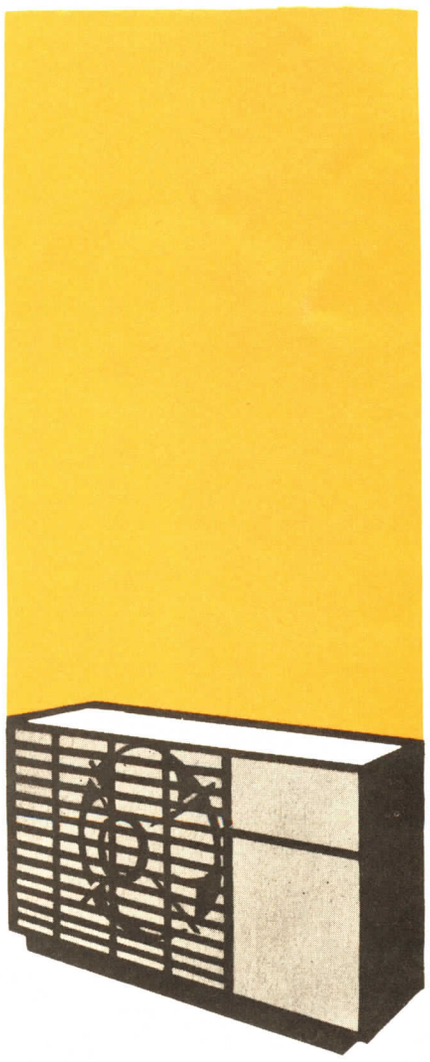
METERS • PLUMBING • HEATING • AIR CONDITIONING









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LP-gas supplies the comforts of home away from home

Call it a summer place, a hideaway or a second home. If it's beyond the reach of the pipeline, you can bet it's equipped with LP-gas. Versatile LP-gas is available to people *wherever* they live—providing heat, cooking food, heating water, powering generators. It's even found at pool side where it takes the nip out of a dip. Wherever heat and power are required, LP-gas does the job. *And gas makes the big difference.* Safe. Clean. Dependable. Modern.

Of America's great sources of energy, only LP-gas serves you in so many ways.

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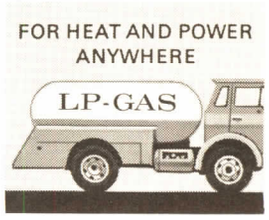

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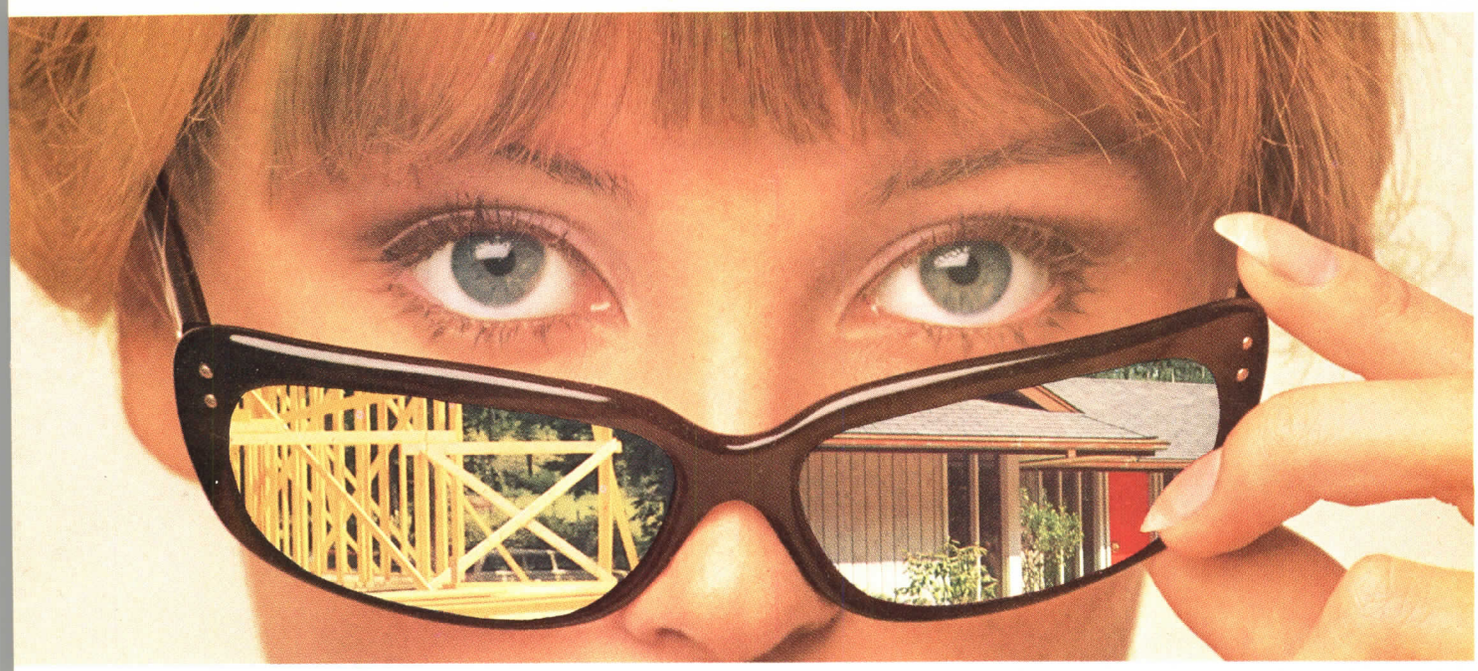

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SOUTHERN PINE FINISH GRADES lend visible distinction to a home in many intriguing forms:—rough sawn siding, striking patterns of paneling, exquisite millwork and trim. There are excellent working qualities . . . elegance of grain . . . adaptability to any shade or color. The "hidden values" are equally impressive:—high resistance to wear, money saving insulation, minimum maintenance.

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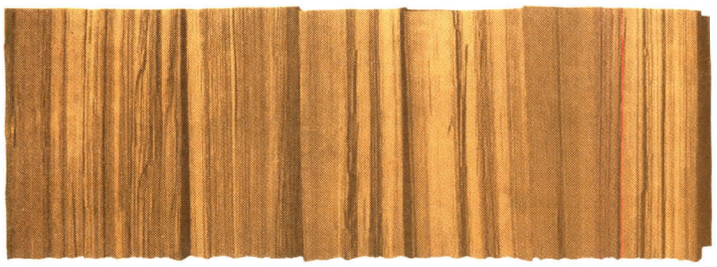
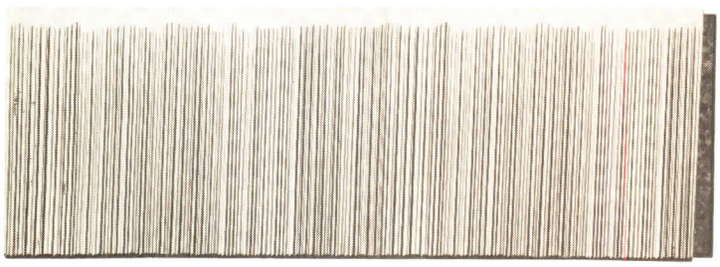
WITH Shakertown CEDAR SHAKE PANELS

Shakertown Western Red Cedar Shakes, in panels, give you and your customers a choice of distinctive textures and colors to make your homes lively and attractive. The panels are convenient and fast to apply with matching color nails and corners. Select the texture to fit your designs.



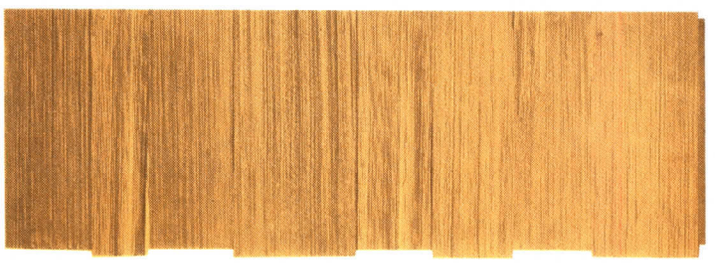
HANDSPLIT SHAKE PANELS

The aristocrat of cedar shakes with its rugged texture and beauty for sidewalls in panels. Individual handsplit shakes are bonded to insulation backerboard, available natural or prefinished at the factory and ready for application. Panels are 46¾" long by 16¼" high. Shiplap edges for weathertight protection. Choice of colors to give a weathered appearance.



GLUMAC SHAKE PANELS

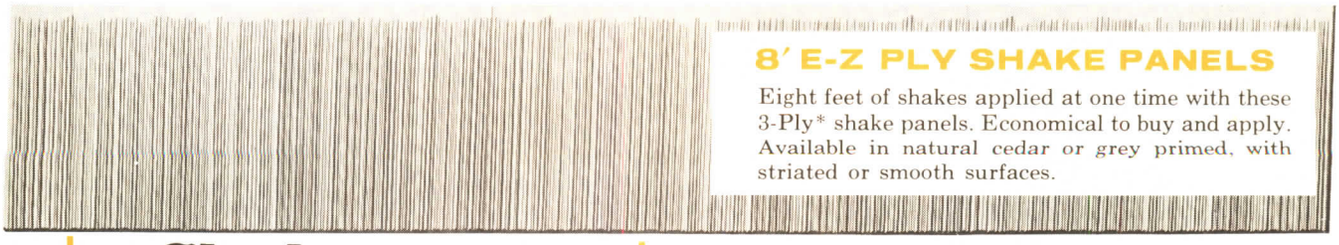
Vertical, machine grooved cedar shakes are ideal for economy homes. Combines well with other building materials. Individual shakes are electronically bonded to insulation backing board forming a panel 46¾" long with shiplap edges for weathertight sidewalls. Choice of 12 colors.



BARN SHAKE PANELS

When you want the luxury appearance, you can't beat the rustic texture of Barn Shakes with staggered butt lines. Now available in 46¾"–2 ply and 8'–3 ply* panels. An interesting selection of colors that are formulated to give you a charming weathered effect.

*All 8' 3-Ply Panels suitable for single wall (stud nailed) construction where code permits.



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Eight feet of shakes applied at one time with these 3-Ply* shake panels. Economical to buy and apply. Available in natural cedar or grey primed, with striated or smooth surfaces.

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For more data, circle 20 on inquiry card

RECORD HOUSES OF 1967

In a period of considerable change in contemporary architectural thinking, which includes a new look at many traditional idioms—shed roofs, mansard roofs, shingle siding among others—we believe that the 20 houses shown here reflect the best of recent design. This growing change—a healthy one—leads contemporary design toward reestablishing itself in the over-all tradition of architectural thought, and to broadening its horizons by drawing fresh inspiration from all possible sources. These houses, which reflect the most dominant and significant of these broader trends, are from all over the U.S., in all price ranges, materials and sizes, and are designed for all types of lots and neighborhoods. They represent the work of some famous architects, and some bright new ones.

The editors proudly present to the architects and owners of each ARCHITECTURAL RECORD's Award of Excellence for 1967. This 12th edition of Record Houses seeks, as did the earlier ones since the start of the program in 1956, to serve as an extension of ARCHITECTURAL RECORD's continuing purpose of both recording and stimulating design development. Through the bookstore version of the issues of Record Houses (which is also available this year) and through the deeply appreciated cooperation of the general press, we sincerely hope that a deeper concern with the values of really good contemporary house design is made possible. These are good houses, designed for a better life, and with understanding of their owners' needs and desires.

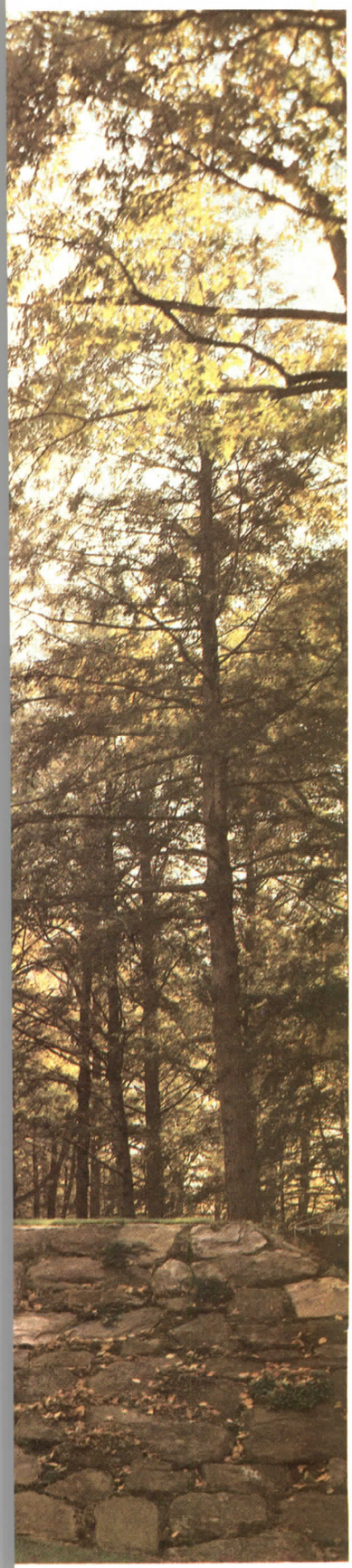
Herbert L. Smith, Jr.

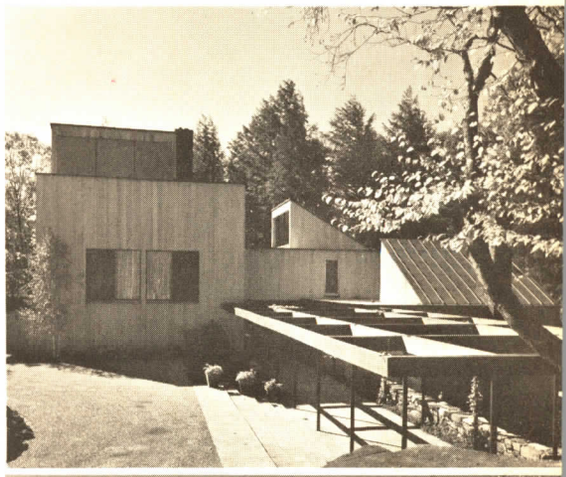
Drawn for the RECORD *by Alan Dunn*

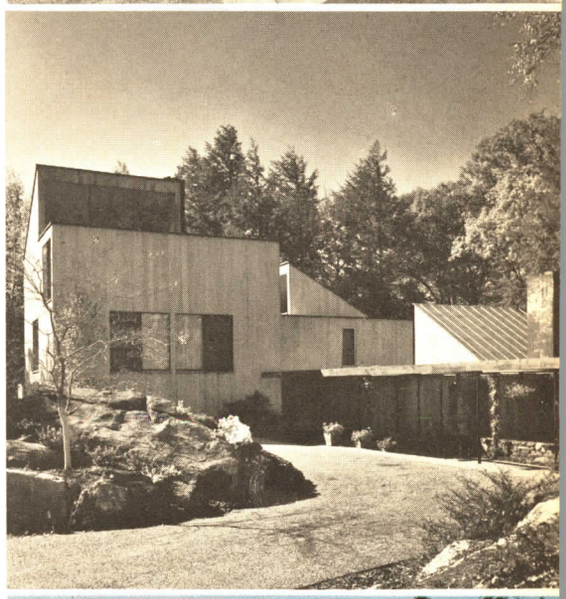
"I don't mind the cost of the 'solids' but why should I pay good money for the 'voids'?!"

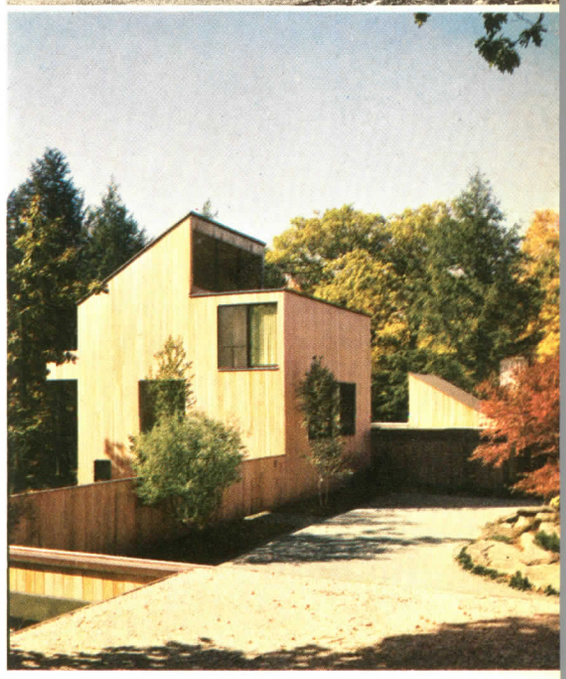
Joseph W. Molitor photos

PRIVATE RESIDENCE CONNECTICUT









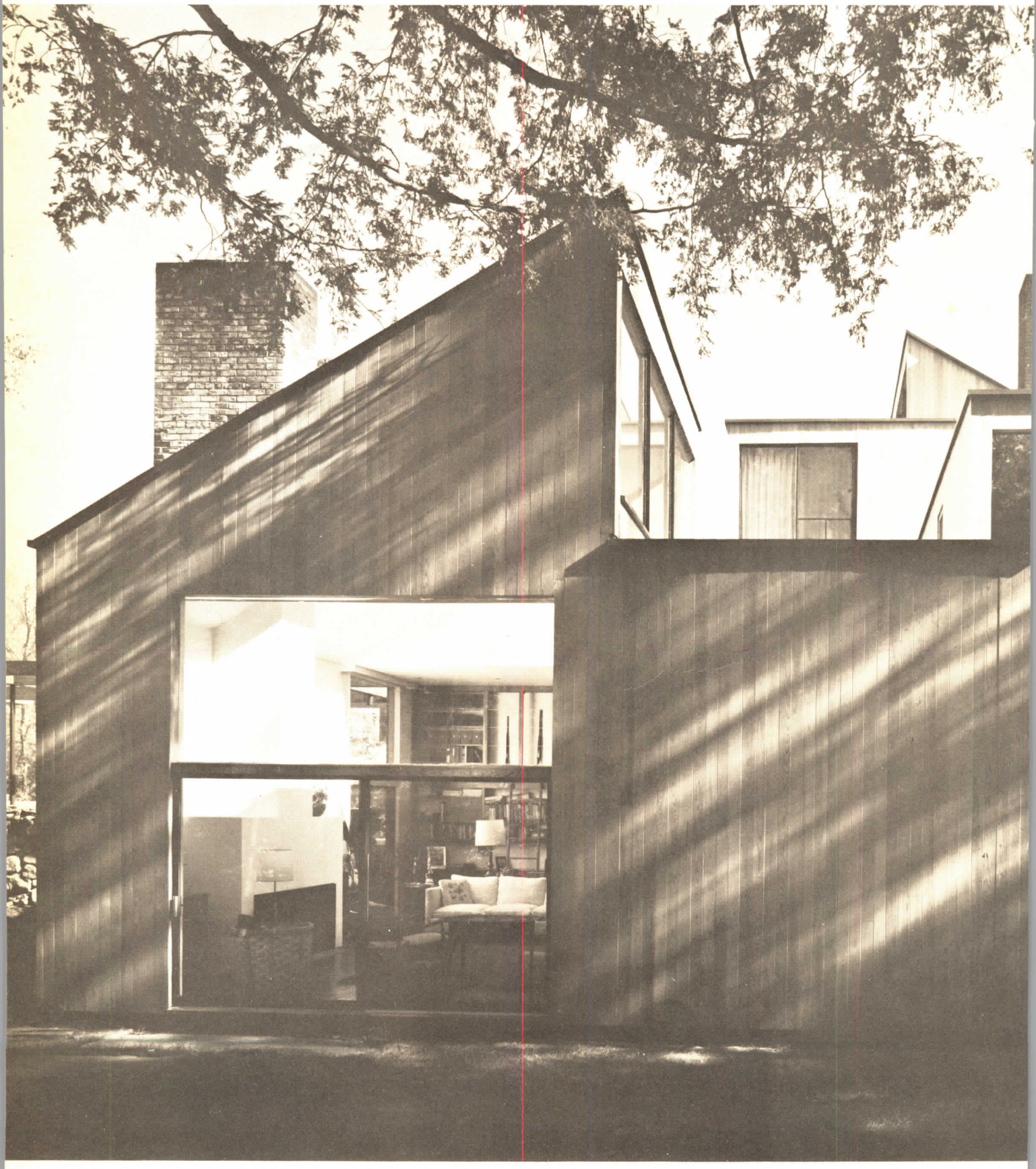
A vertical solution to the problem of the large country house makes use of strategically placed shed roofs and skylights to provide daylight on a wooded site and to create exciting light and shadow patterns in the principal rooms.

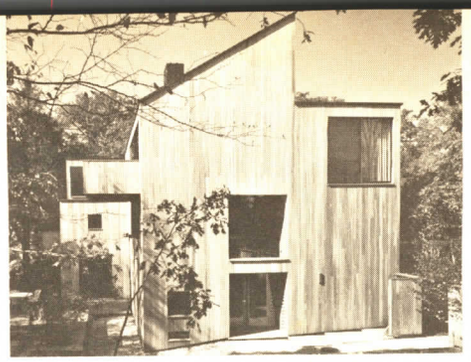
Country houses on a large scale are traditionally rambling affairs; the idea of relaxed, informal living and "closeness to the soil" being perhaps more naturally expressed by long, low buildings with a variety of views, courtyards and easy access to the outdoors. In this case, however, although the program was in many ways similar to that for Barnes' middle western country house (RECORD, November 1964, page 140)—which has much of this rambling character—it was felt that a more compact solution would better suit the site and would avoid the long walk between rooms.

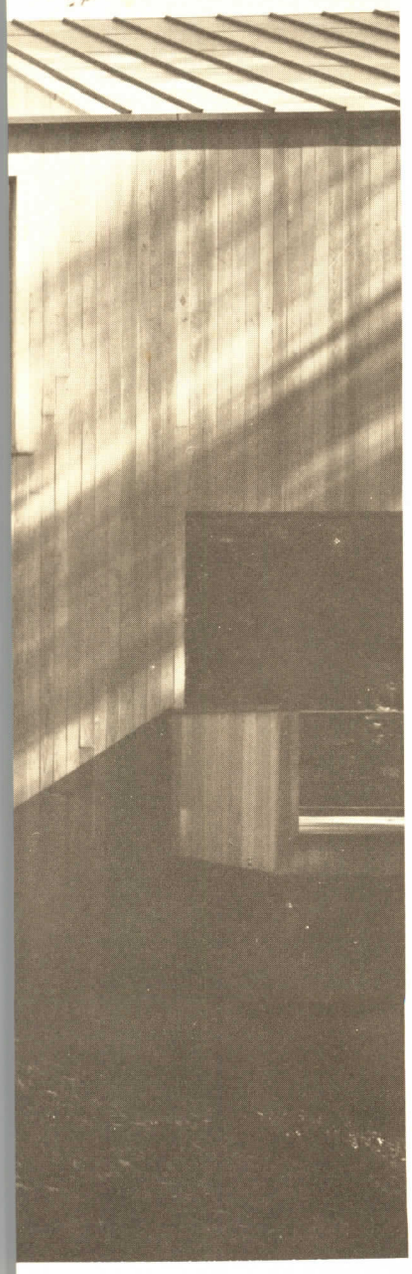
Because the basic requirements in terms of number and function of rooms were quite similar in the two cases, Barnes worked on the idea of disposing the same kinds of spaces vertically rather than horizontally. Since the Connecticut site is well wooded, the vertical solution has the additional advantage of penetrating up through the trees to the light, allowing extra ceiling height and overhead daylight in prime use spaces—the living room, master bedroom and children's playroom (shaded yellow in plan overleaf). Each of the copper-clad shed roofs faces a different direction to take advantage of the changing quality of light and shadow as the day advances.

From the neatly landscaped turning circle, the house at first appears smaller than it is, but as you approach and enter you become aware of its full scope and of how changes in level and orientation create visual and spatial excitement.

Architect: Edward Larrabee Barnes, 303 East 65th Street, New York 21, New York—associate on job: *Hildegarde Bergeim.* Structural engineers: *Severud Associates;* mechanical designer: *Thomas Polise;* contractor: *August Nelson, Inc.;* foundations: *E. W. Howell;* landscape architect: *Peter Rolland.*

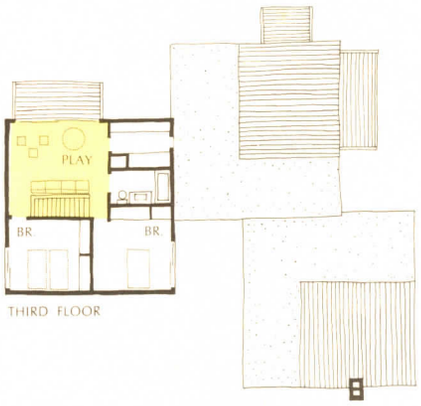






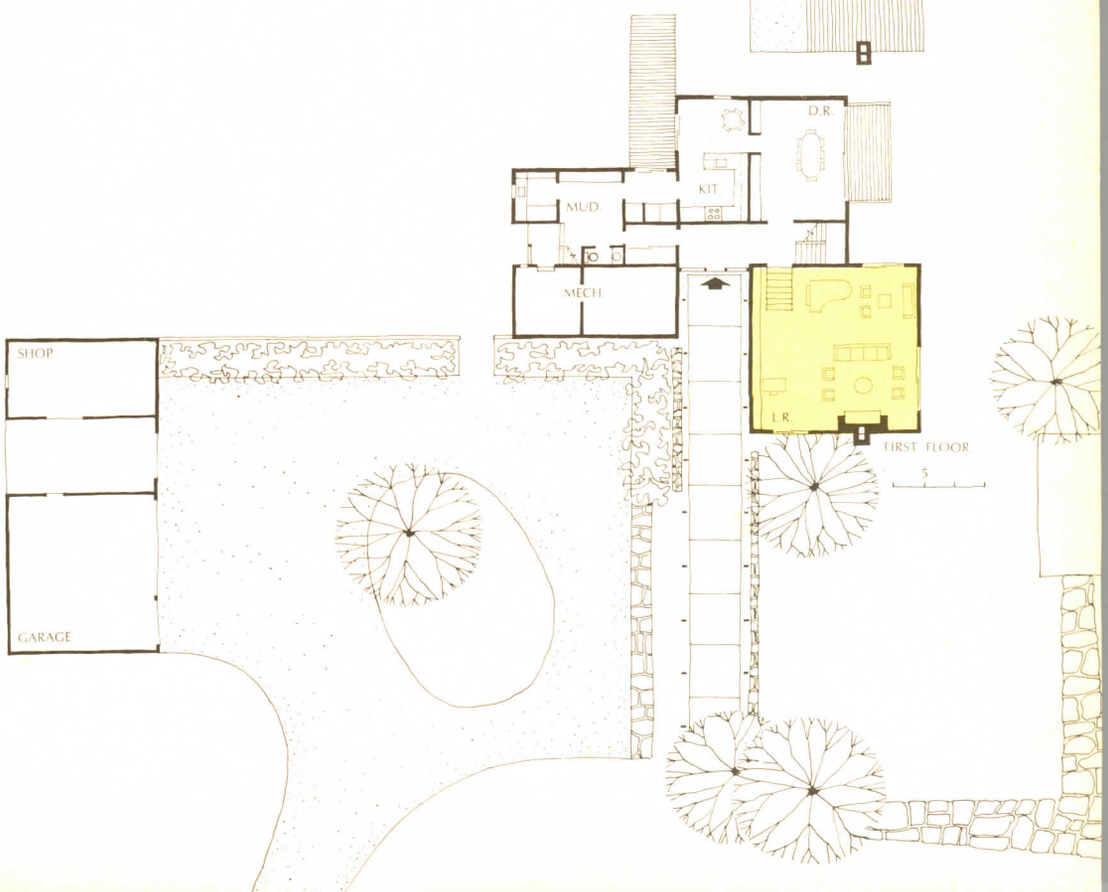
For Barnes, the manipulation of light and shade is as important in the exterior articulation of the building as it is inside the house, particularly on such a heavily wooded site. The vertical cypress siding and the juxtaposition of solids and voids make an excellent foil for the shadows from the trees and catch the sunlight in unexpected angles.

The plan of the house "unwraps" itself gradually as you walk around it. You step down to the living room, up again to the dining room, walk through the kitchen to the hall, up a flight of stairs to the long landing with the bedrooms leading off it and finally up more stairs to the children's suite at the top of the house. As you go through the house, from the windows there are a number of somewhat surprising but nonetheless attractive views of roof planes, decks and peaks against the background of the trees. Grass terraces and a wood deck outside the living room overlook a steep, shady ravine.

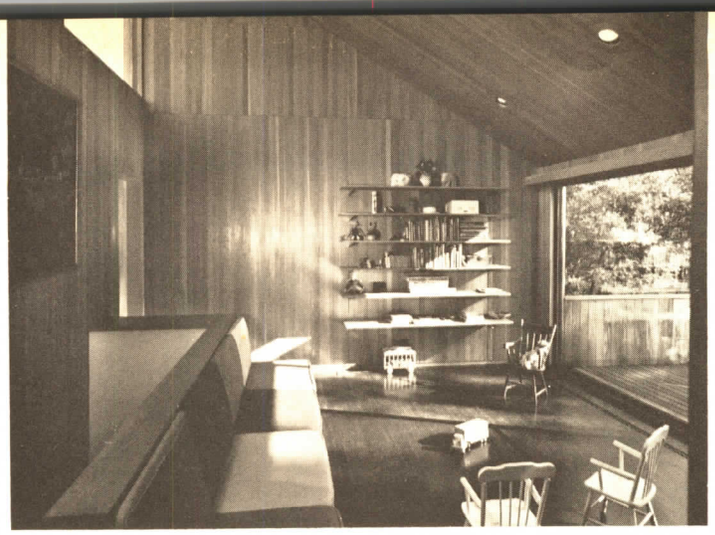


THIRD FLOOR

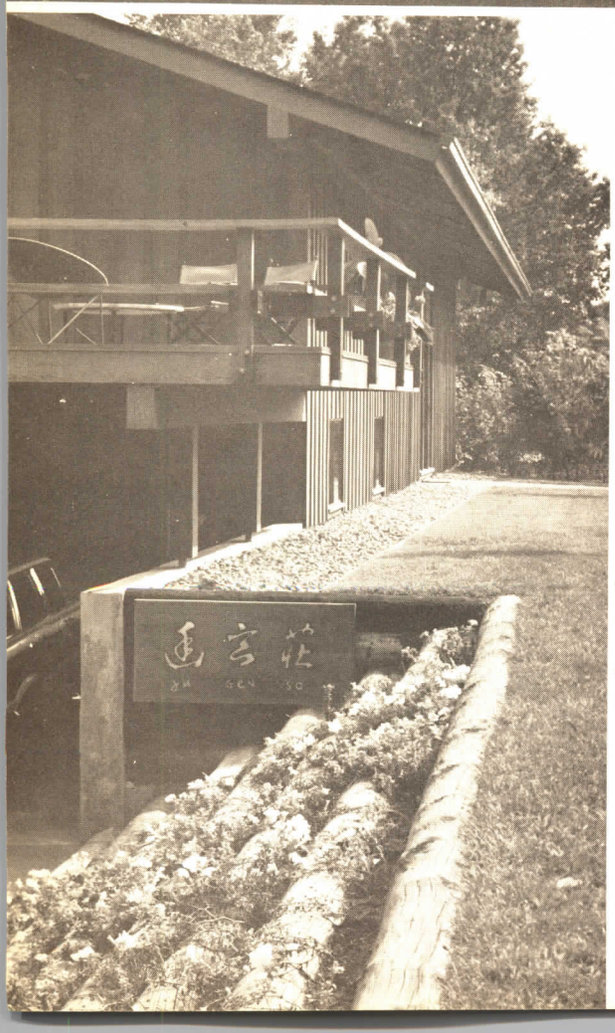
SECOND FLOOR

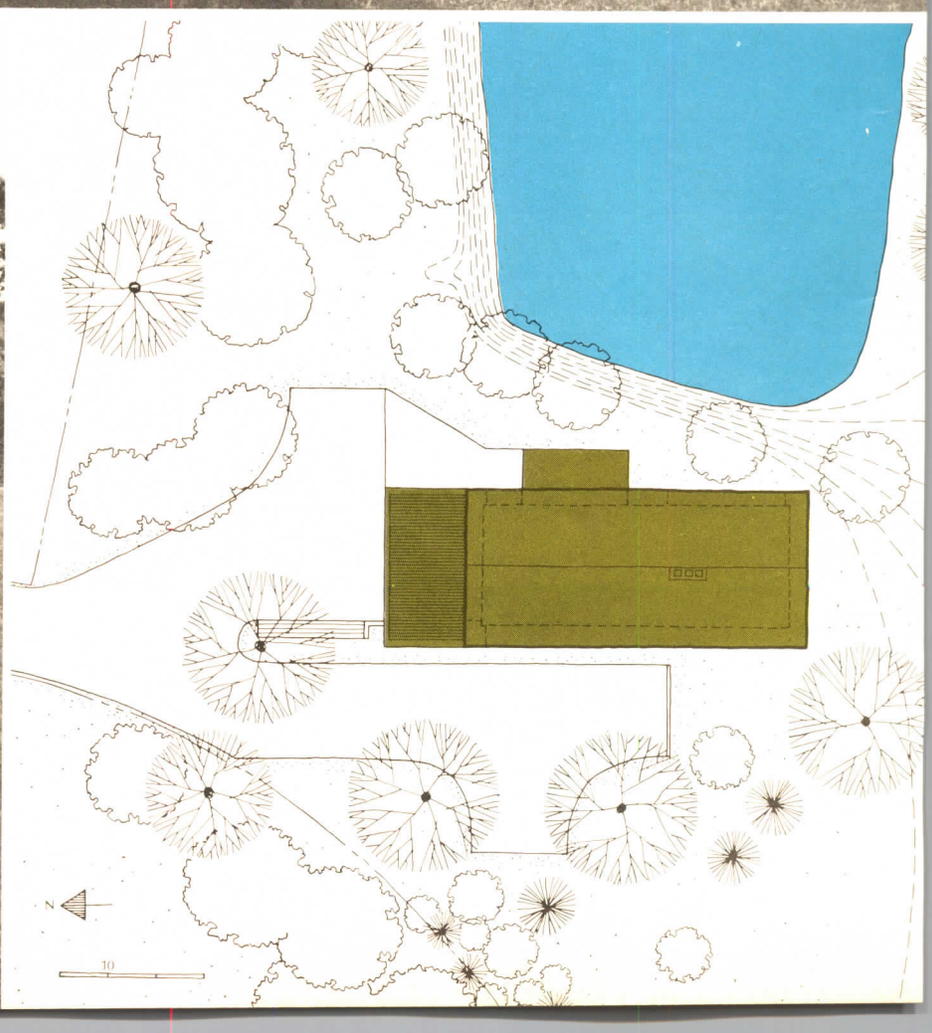


FIRST FLOOR



To provide a contrast to the dramatic areas of light, parts of the house are deliberately rather dark. Barnes says that this was also an attempt to give to this frankly modern building something of the shadowy, timeless quality one associates with old houses. In the living room, left, the effect is to draw the eye up to the skylight and to emphasize the height of the room. Barnes feels that the bookshelves lining one wall of the living room, below right, also contribute to a somewhat traditional feeling.

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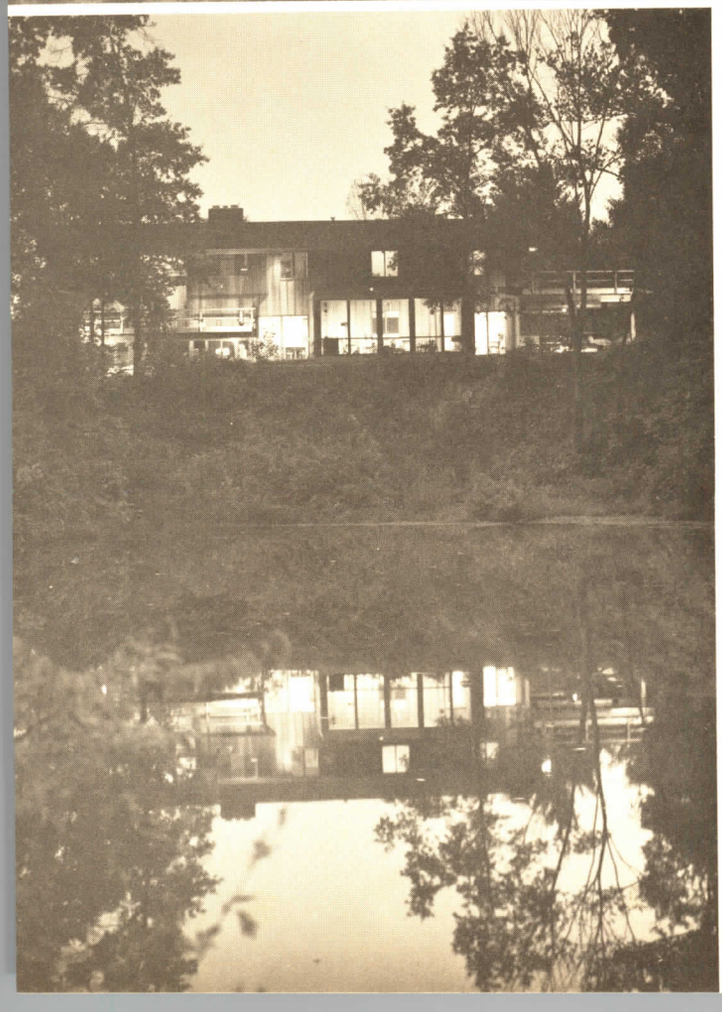


Hedrich-Blessing photos

OBATA HOUSE ST. LOUIS

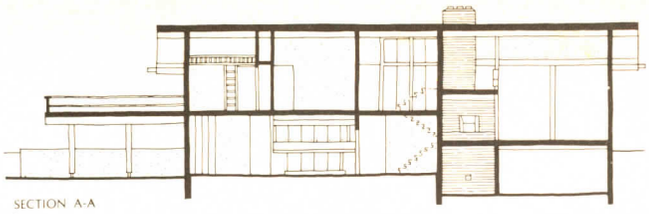
Behind the quietly handsome facade of Gyo Obata's own house, five levels dramatically open out onto a beautiful little lake formed of an old quarry site. The house, in fact, is an excellent object lesson for those who feel that contemporary architecture cannot successfully combine the interest of varied interior spaces and levels with the virtues of warm, unaffected simplicity.

The site itself is an unusual one, in the suburbs of St. Louis. It consists of three acres, of which one quarter is an open meadow, one half is wooded area, and the remaining quarter is a lake edged on one side by an outcropping of limestone about 30 feet high. Obata comments that "the main purpose of the design was to create an economical, simple wooden house that would fit into the site so that all the principal rooms would look out over the lake and the rock ledge." Because of the existing slope towards the lake, it was possible to arrange entries to the house from the grounds on two different levels; the lower side being toward the lake to the east, and the main entry from the meadow to the west. Most of the land has been left in the natural state; only the meadow has been seeded for playfields. The slope of the land has also been used to advantage to help shield the open carport under the playdeck off the children's bedrooms.

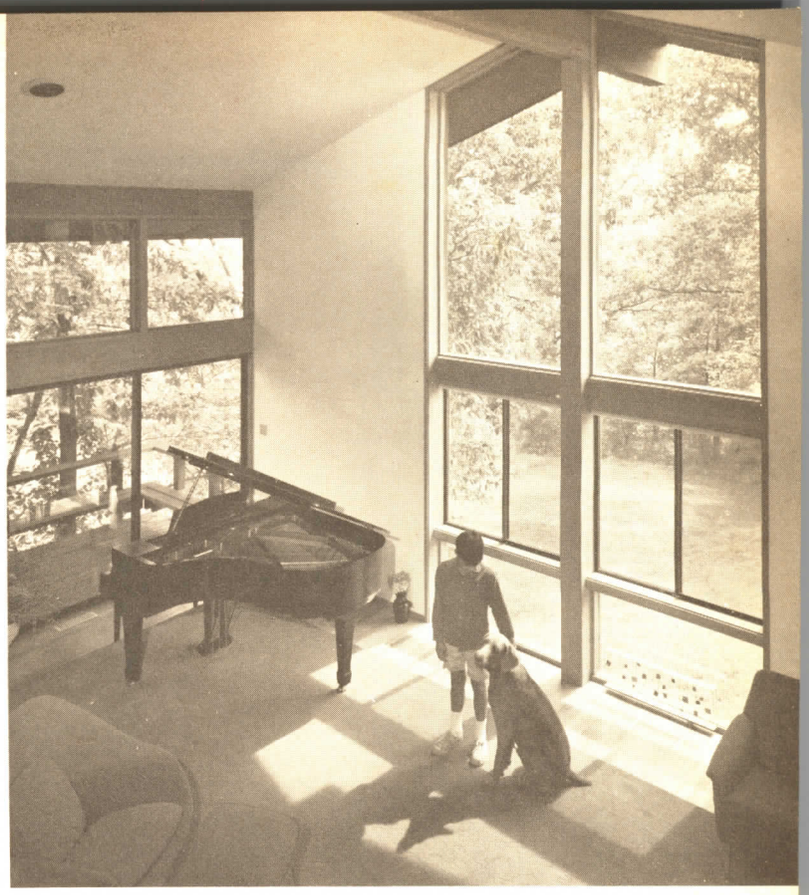
The western, entrance facade of the house is relatively closed, with the main visual interest given by the pattern of the rough-sawn, vertical board-and-batten redwood exterior. The air of quiet unity is enhanced by window and door framing of dark bronze anodized aluminum, and a roof of dark brown shingles.

The lake facade of the house, however, opens wide to the view with broad sliding glass windows, and is replete with balconies, terraces and porches.

Architect: Gyo Obata, 1430 Olive Street, St. Louis, Missouri. Owners: *Mr. and Mrs. Gyo Obata;* engineer: *Al Alper;* contractor: *E. C. Mikkelsen Construction Company.*

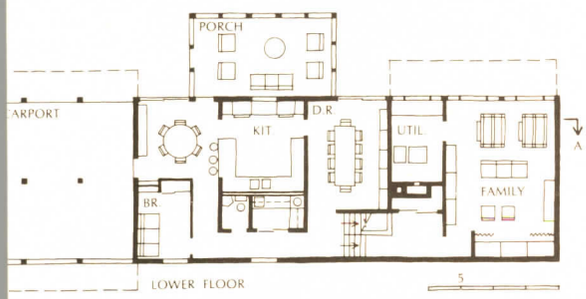


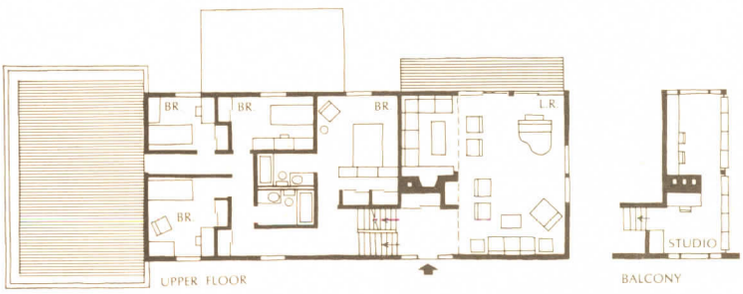
SECTION A-A

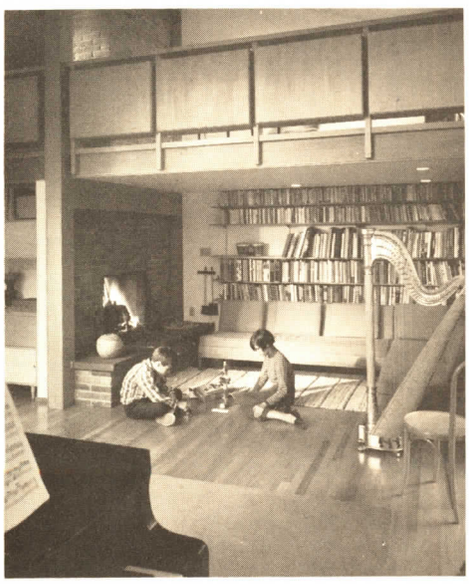


The five levels of the Obata house not only help create strong visual interest in the interiors, but sensibly zone the house.

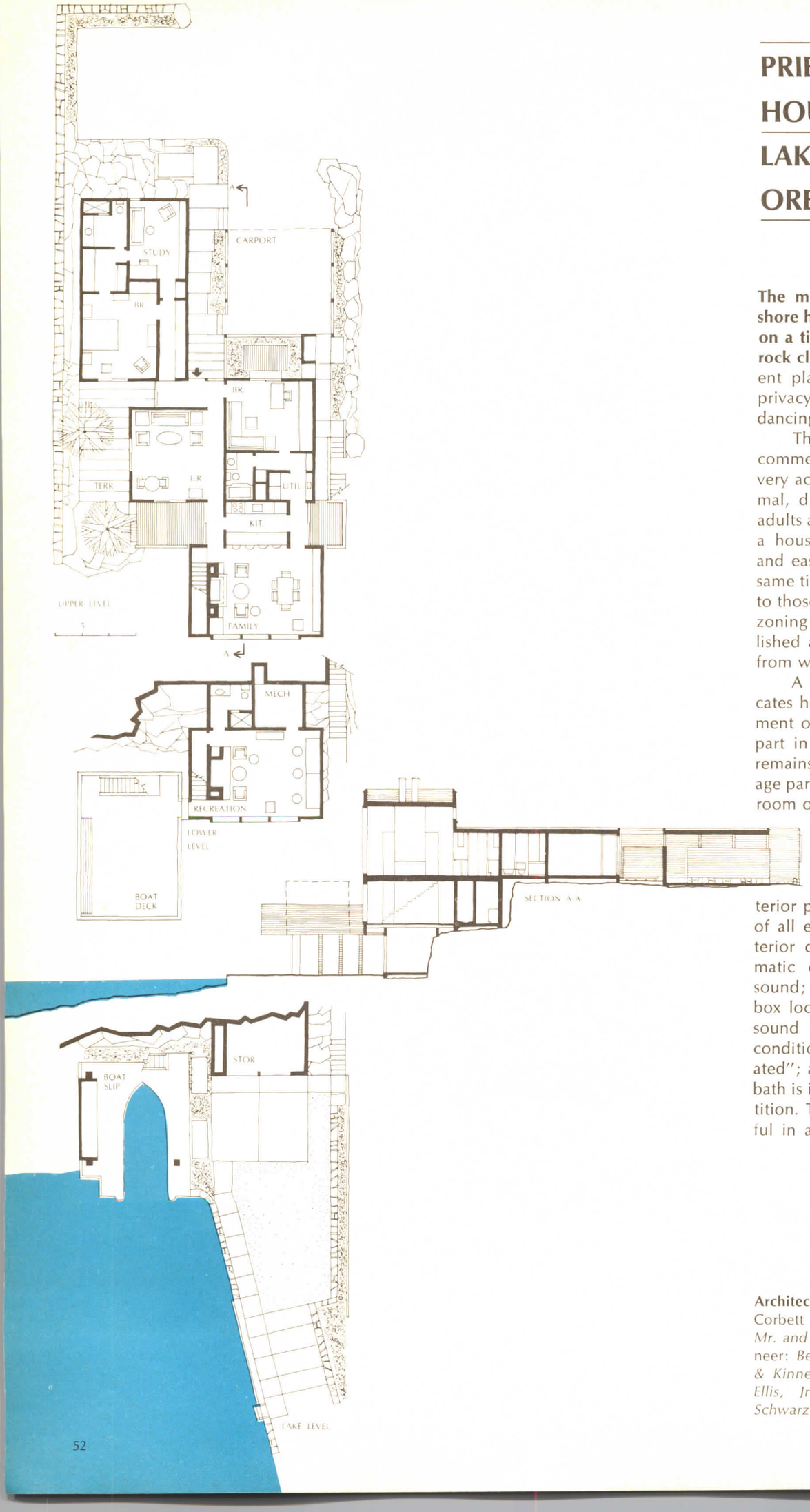
The "main" level of the house is devoted to the entry and a story-and-a-half-high living room with an adjoining, low-ceiling inglenook and fireplace. A half-level below these areas is another section containing dining room, kitchen, breakfast area, and a small guest-study area. The carport is also at this level off the kitchen. Down another half-level is the family room and weaving studio. All these rooms face towards the lake. Bedrooms are a half-level up from the entry, and a balcony-studio is above this.







PRIESTLEY HOUSE LAKE OSWEGO OREGON



The many functions of an active lakeshore house are amply provided for here on a tiny lot which is split by a 25-foot rock cliff. This is a house of many different places—for eating, for visiting, for privacy, for swimming, for boating, for dancing, for sunning.

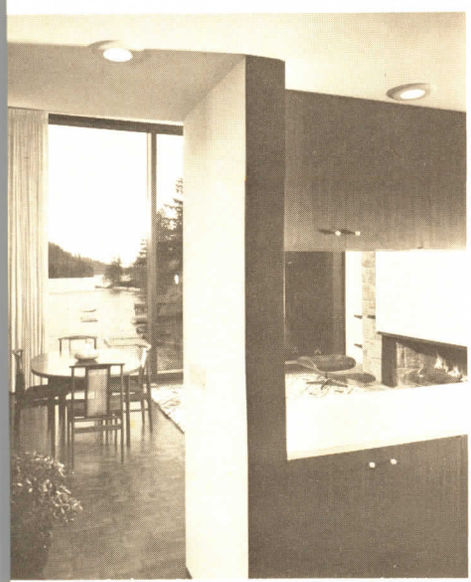
The architect, Edgar Wilson Smith, comments that "this lake community is a very active social area, with much informal, drop-in-type entertaining by both adults and teenagers. The owners wanted a house that would function naturally and easily in this situation, while at the same time affording a measure of privacy to those family members wishing it. Thus zoning and sound control was established as a major factor—against noises from within or without the house."

A glance at the plan quickly indicates how a somewhat unusual arrangement of the various rooms plays a large part in assuring that the parents' study remains quiet and peaceful during teenage parties in the family room, recreation room or boat deck.

Noise transmission is also combatted by lining the house with sound-insulation board, which is used on both sides of all interior partitions, ceilings, and the inside of all exterior walls. In addition, all interior doors are equipped with "automatic door bottoms" to seal against sound; convenience outlets and switch box locations were chosen to minimize sound carry-through; heating and air-conditioning ducts are "sound attenuated"; and the daughter's bedroom and bath is isolated by a double-studded partition. The end results are very successful in assuring more quiet for all.

Architect: Edgar Wilson Smith, 3838 S.W. Corbett Avenue, Portland Oregon. Owners: *Mr. and Mrs. Art J. Priestley;* structural engineer: *Bernard L. Tiland;* contractor: *Barnard & Kinney;* landscape architect: *Robert Hale Ellis, Jr.;* interior designer: *George M. Schwarz, Jr. and Associates.*

dmund Y. Lee photos



STILLMAN HOUSE LITCHFIELD CONNECTICUT

The Stillman house demonstrates the effectiveness of a simple uncluttered architectural form when careful detailing, concern for light and shade and sensitive handling of materials combine to establish a harmonious relationship with a pleasant, rural site.

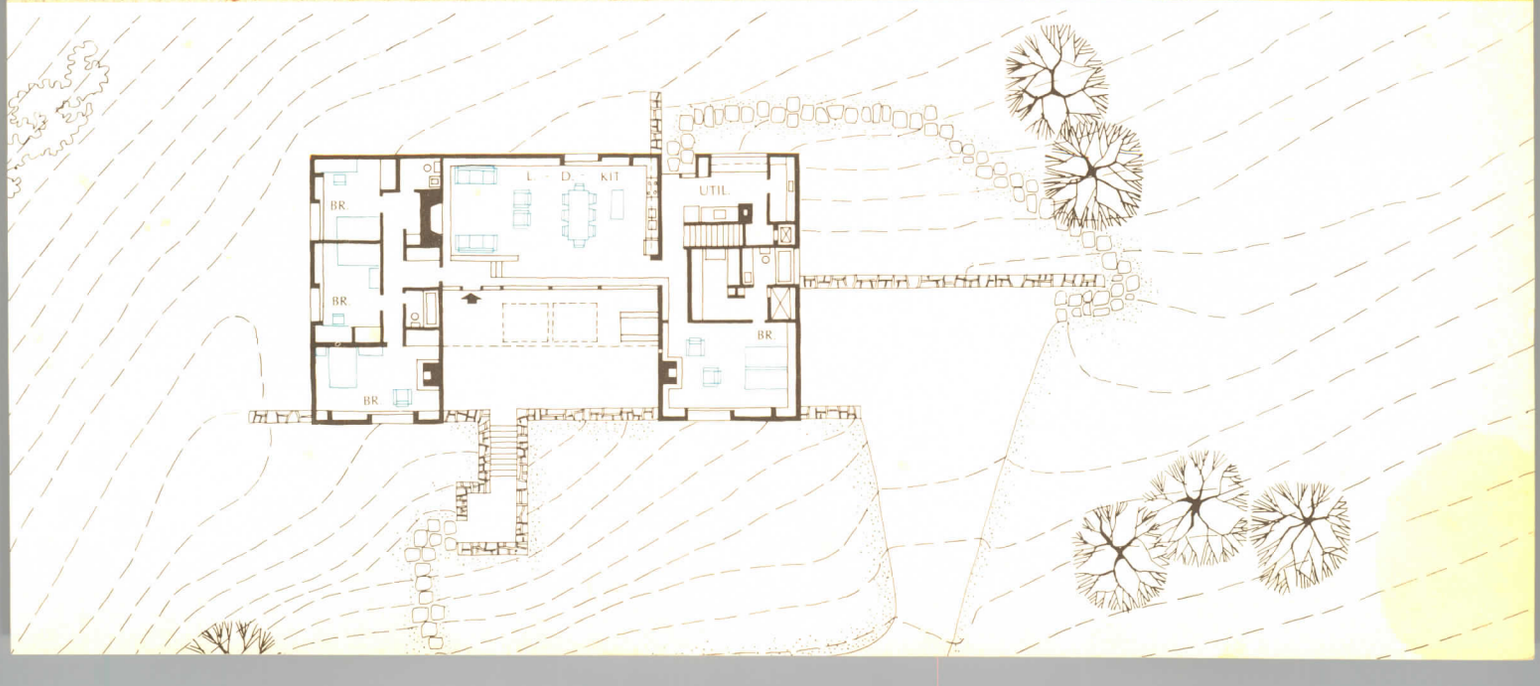
The plan is straightforward, functional and relaxed with a central living-dining area flanked at one end by the children's- and guest-bedroom wing, and on the other by the master bedroom suite—separated by its bathroom from the utility and darkroom area.

Approaching the house between fieldstone walls and up some steps, you pass through a walled-in, gravelled courtyard to enter the glass-fronted living room. The fieldstone and stucco exterior walls are carried through into the interior, where the stone base has been extended to provide attractive, casual seating, or display ledges for ornaments, sculpture or plants. The stone skirting and the rough, brick floors are offset by the white stucco walls, which form a quiet background for an interesting art collection. At the back of the house, a vegetable garden leads through to the site of a projected swimming pool farther up the hill and a Calder mobile sculpture strategically placed on the crown of the slope. The courtyard in front makes a pleasant outdoor room, which can be used for summer dining and entertaining, for the display of sculpture, or simply sitting quietly in the shade.

The natural slope of the site places the main entrance a full story above grade. Changes in level are articulated by the variation in the height of the fieldstone base, by the steps leading up to the courtyard and more steps leading down into the living room from the entry area.

Joseph W. Molitor photos

Architects: Marcel Breuer and Herbert Beckhard, 635 Madison Avenue, New York, N.Y. Owners: *Mr. and Mrs. Rufus C. Stillman;* contractors: *Hirsch Brothers.*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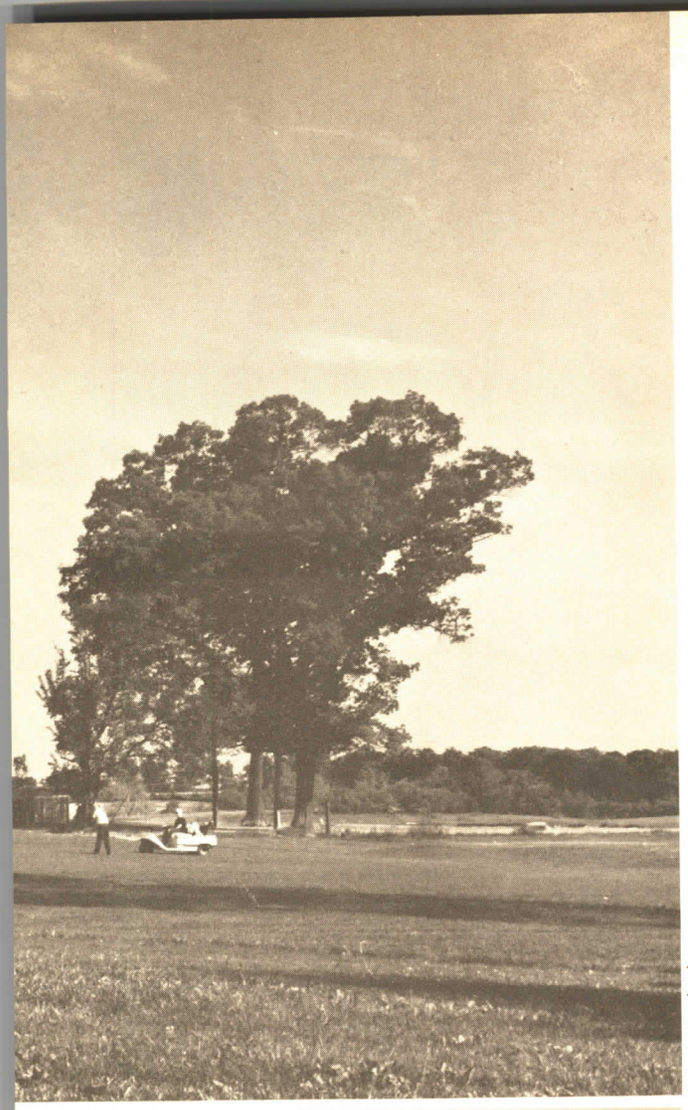
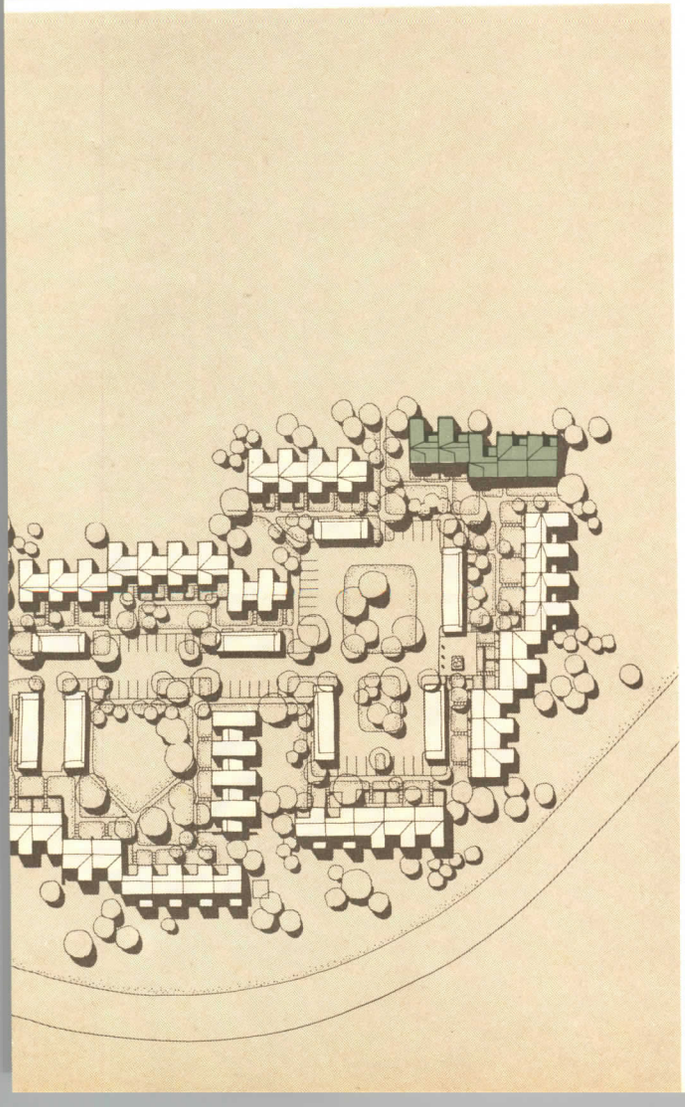
Classic modern furniture, much of it designed by Breuer himself, adds to the restrained elegance of the interiors. The fireplaces are supported on the projecting stone base walls and in two of the bedrooms (photos, bottom far right) have convenient log-stacking cubbyholes beneath the hearth. The kitchen and dining areas are in effect a single room and no attempt has been made to conceal any of the functions of cooking and meal preparation. This is part of the informal concept of the house which specifically fits the owners' requirements. In all rooms, bold paintings exploit white walls.



David Hirsch photos



TOWNHOUSES
RESTON
VIRGINIA

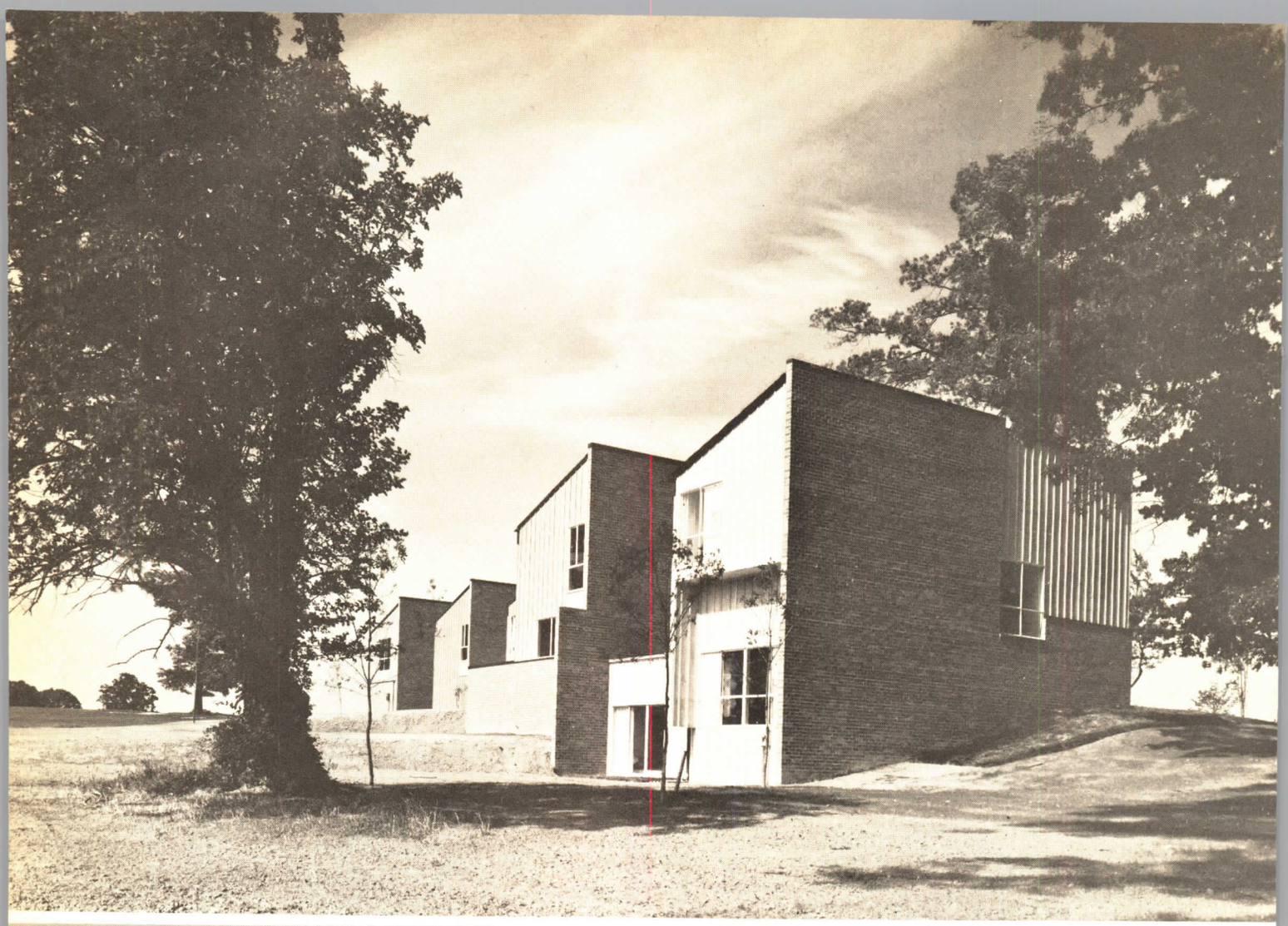
Louis Sauer's townhouses in Reston, Virginia—of which only the first row (marked green on the plan) have so far been built—give every promise of making a positive contribution to the architecture and environment of the new town as a whole, while at the same time providing privacy, comfort and spatial and esthetic satisfaction to a variety of different occupants. A townhouse development in a new town can be an exciting place to live. If well planned, it can offer its occupants the best characteristics of single-family dwellings with all the advantages of a well-integrated residential environment—which can in turn contribute to the success—or failure—of the total community.

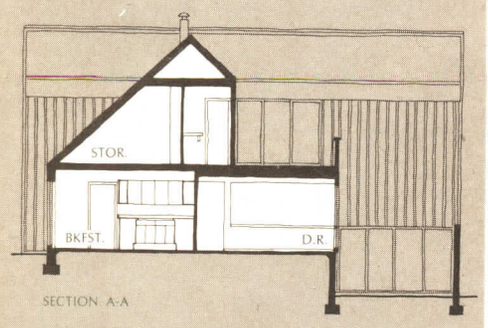
In achieving this, the relationship of the individual houses to each other and to their surroundings is of great importance, and obviously, in this case, the proximity of the golf course was a considerable bonus. Sauer has taken full advantage of this, by orienting the main living areas towards the open space. The buildings together create a skyline effect that is jutting, angular, vigorous, and yet not disruptive. Rather, it lends character to a pleasant, but fairly unexciting open space. In contrast to the expansive golf course, secluded courts, decks and patios are included in each of the individual house plans, while sheltered community areas are planned between the rows.

By varying the building height, roof lines, tone and placing of the cedar siding, and the shapes of the windows, Sauer has managed to give each house its own unmistakeable identity without destroying the unity of the scheme.

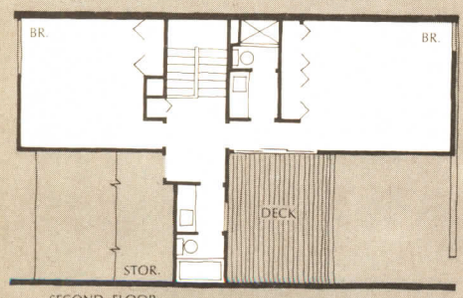
Row houses, whose history has ranged from the elegant to the mean, have here found a contemporary expression which makes them a positive asset in a planned new town community.

Architect: Louis Sauer, 2011 Chancellor Street, Philadelphia, Pennsylvania. Owner: *Reston Va. Inc.;* landscape architects: *Collins & Du Tot.*

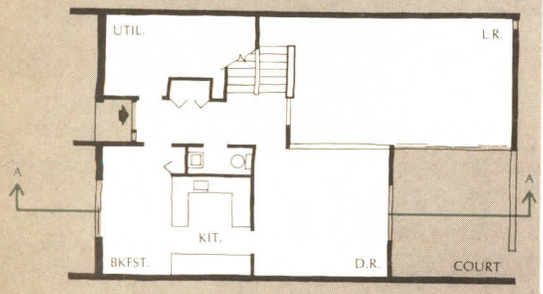




SECTION A-A

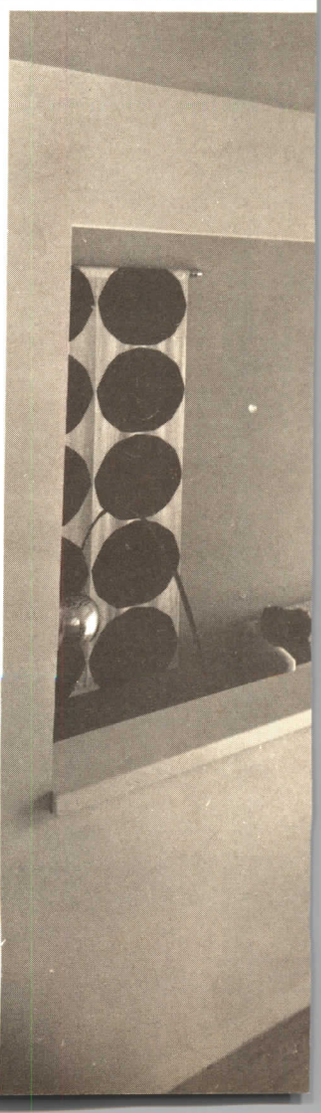


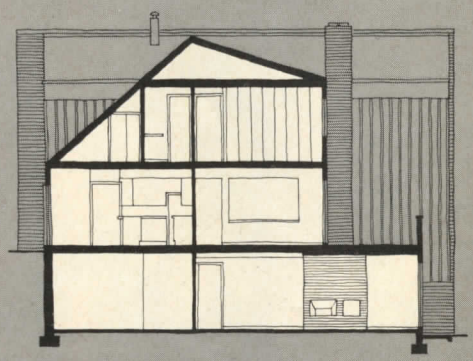
SECOND FLOOR



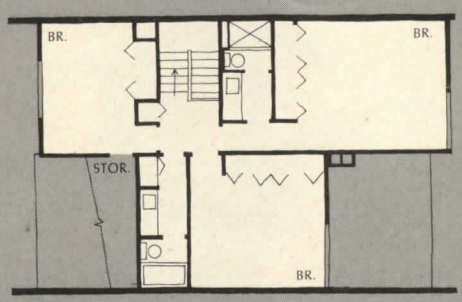
FIRST FLOOR

A basic T-shaped plan has been adapted for two- and three-story Reston houses, and wherever possible changes in level have been dramatized by interior view-through windows. The photo, below right, shows the view down from a mezzanine dining room into the living room below. The kitchens are placed on the street-entrance side of the houses and lead through to the dining rooms which in turn give onto patios or decks. The living rooms extend alongside these rooms and, wherever the grade of the land is suitable, (as in the three-level plan far right) Sauer has taken the opportunity to increase the height of the living room to 12 feet and to emphasize the proportions of the room by including a foyer overlook on the street side (see plan far right). All bedrooms have good windows and the bathrooms are compartmentalized. The sale prices of the houses range from $28,250 to $42,800 and include gas-fired forced-air heating systems and a chilled-water plant for air conditioning.





SECTION B-B



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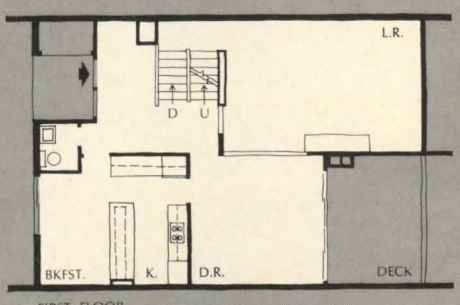
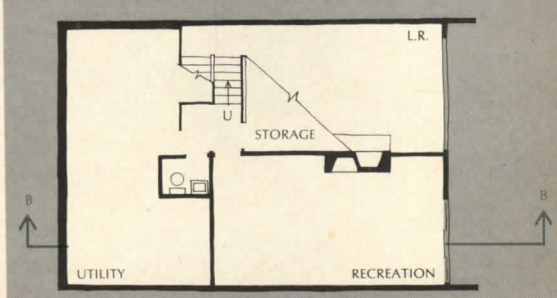


FIRST FLOOR



GROUND FLOOR

5

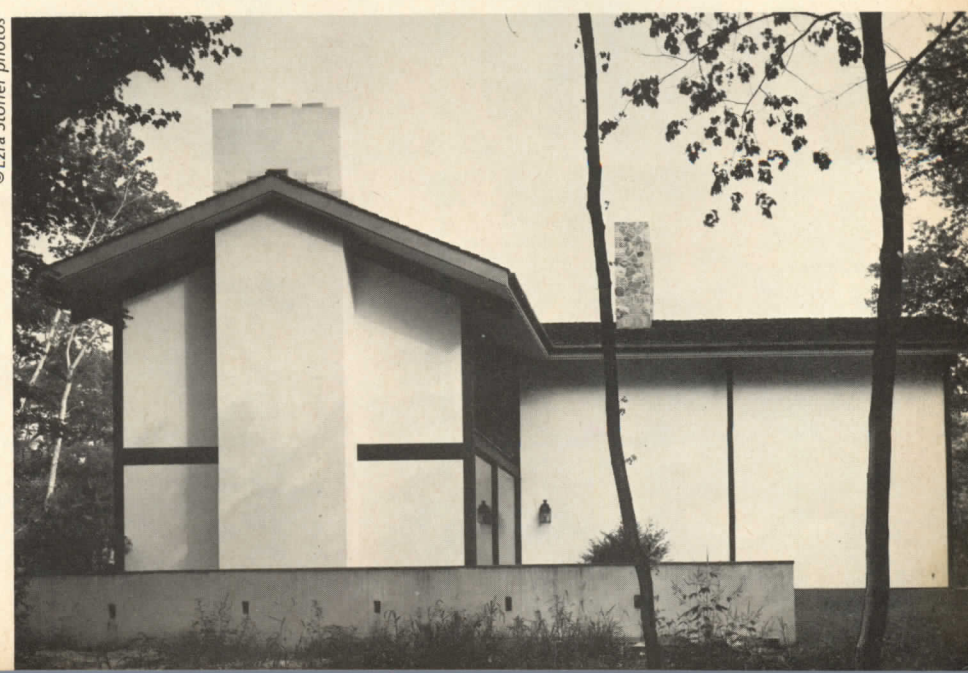
PRIVATE RESIDENCE RYE NEW YORK

A very sophisticated version of post-and-beam construction adds considerable visual interest to this large house in a heavily wooded, suburban site. The almost abstract patterns of the dark-stained wood frame are set in bold relief by white stucco in-fill panels, inside and out. Careful fenestration further carries out the Mondrianesque byplay of shapes, and adds a considerable quality of openness and warmth. Together with the simple cedar-shingle roofs, the construction of the house also vaguely recalls Japanese or English "half-timber" houses—but has no hint of the "quaintness" usually spawned by too close an adherence to either style.

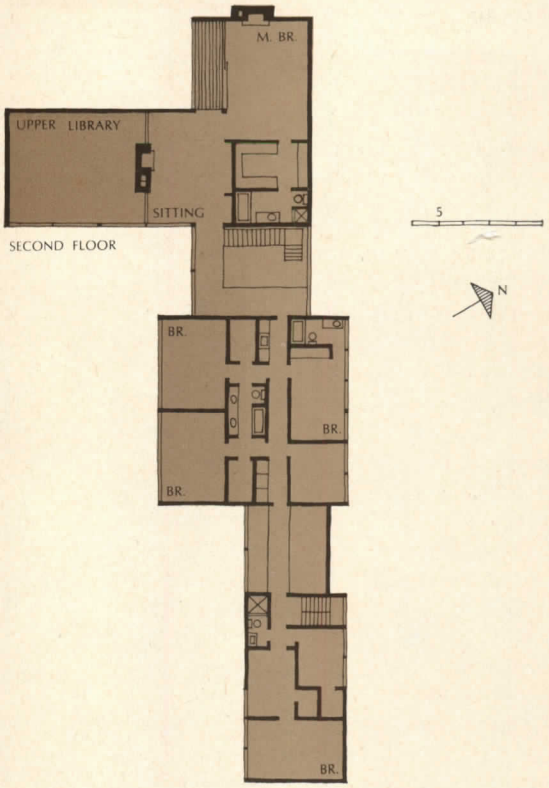
For all its size, the house is well zoned for activities, and has clearly defined areas for adults, and for children and service. A stairhall divides the adult living areas from the kitchen, playroom and service areas on the first floor, and the master bedroom suite from the children's rooms on the second floor.

There is also a good deal of spatial variety on the interiors for added interest. A large, double-height library with a balcony acts as an informal living room, while a smaller drawing room is treated more formally. The playroom is also two stories high, is placed where it is easily accessible to the children's rooms via the rear stair, and is convenient to kitchen supervision and outdoor play areas. The playroom also acts as a buffer between living areas and the servant's quarters and laundry-garage area. Outdoor terraces and gardens are invitingly placed outside all major rooms, and add considerably to the indoor-outdoor sense of space in the house.

Architect: George Nemeny, 157 West 57th Street, New York, New York—*Richard Henderson and Debora Reiser, associates.* Engineer: *Edward S. Klausner;* contractor: *Fetzer Atwater;* landscape architect: *George Nemeny;* interior furnishings: *H. Clifford Burroughs.*

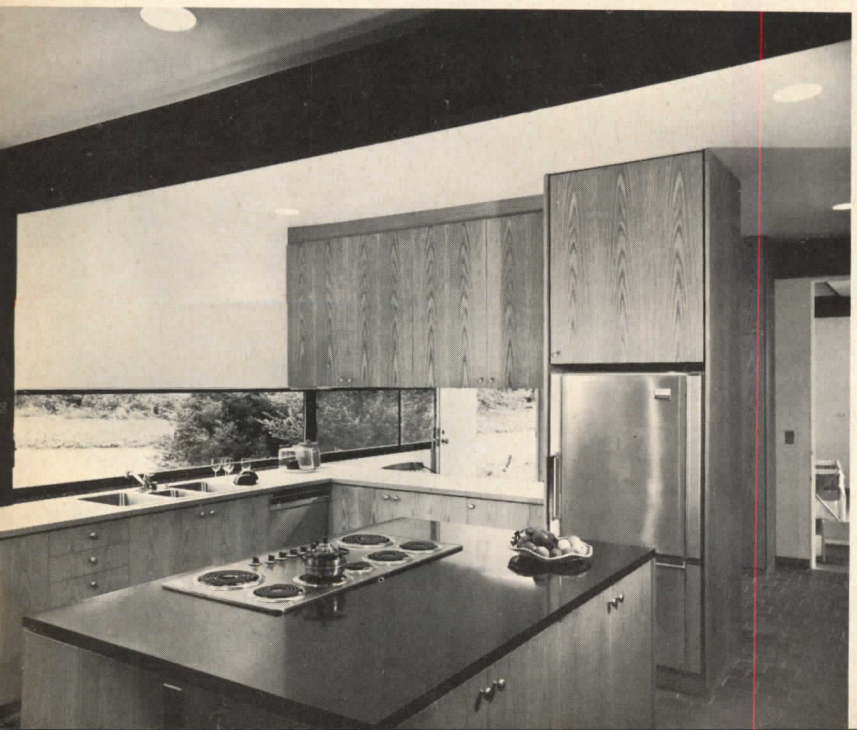


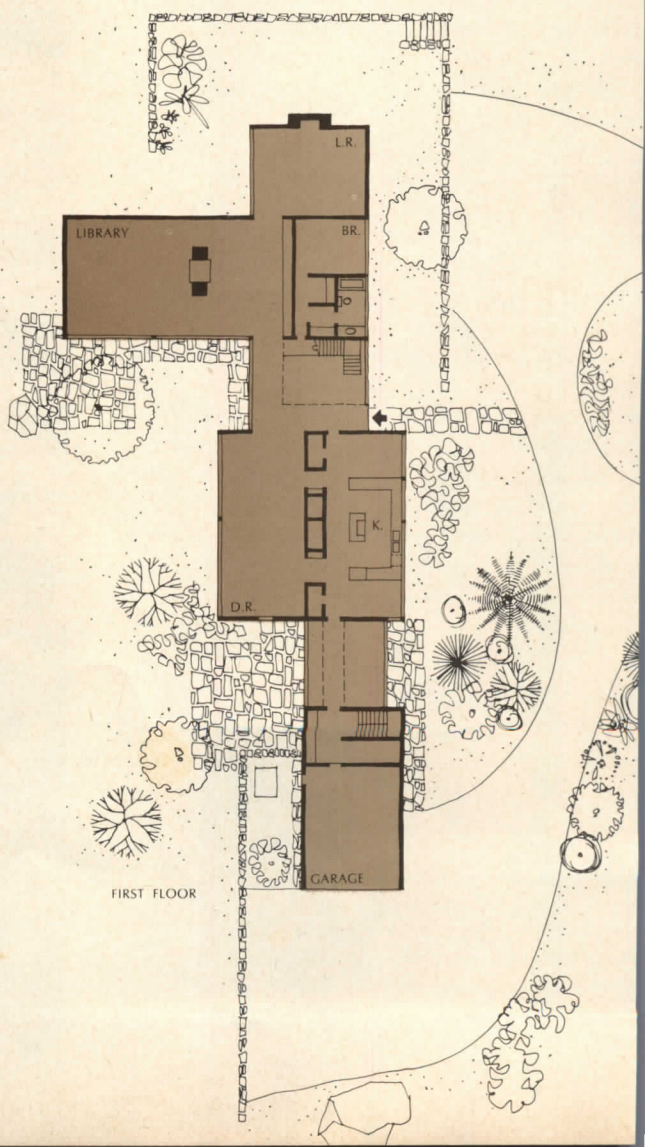
© Ezra Stoller photos

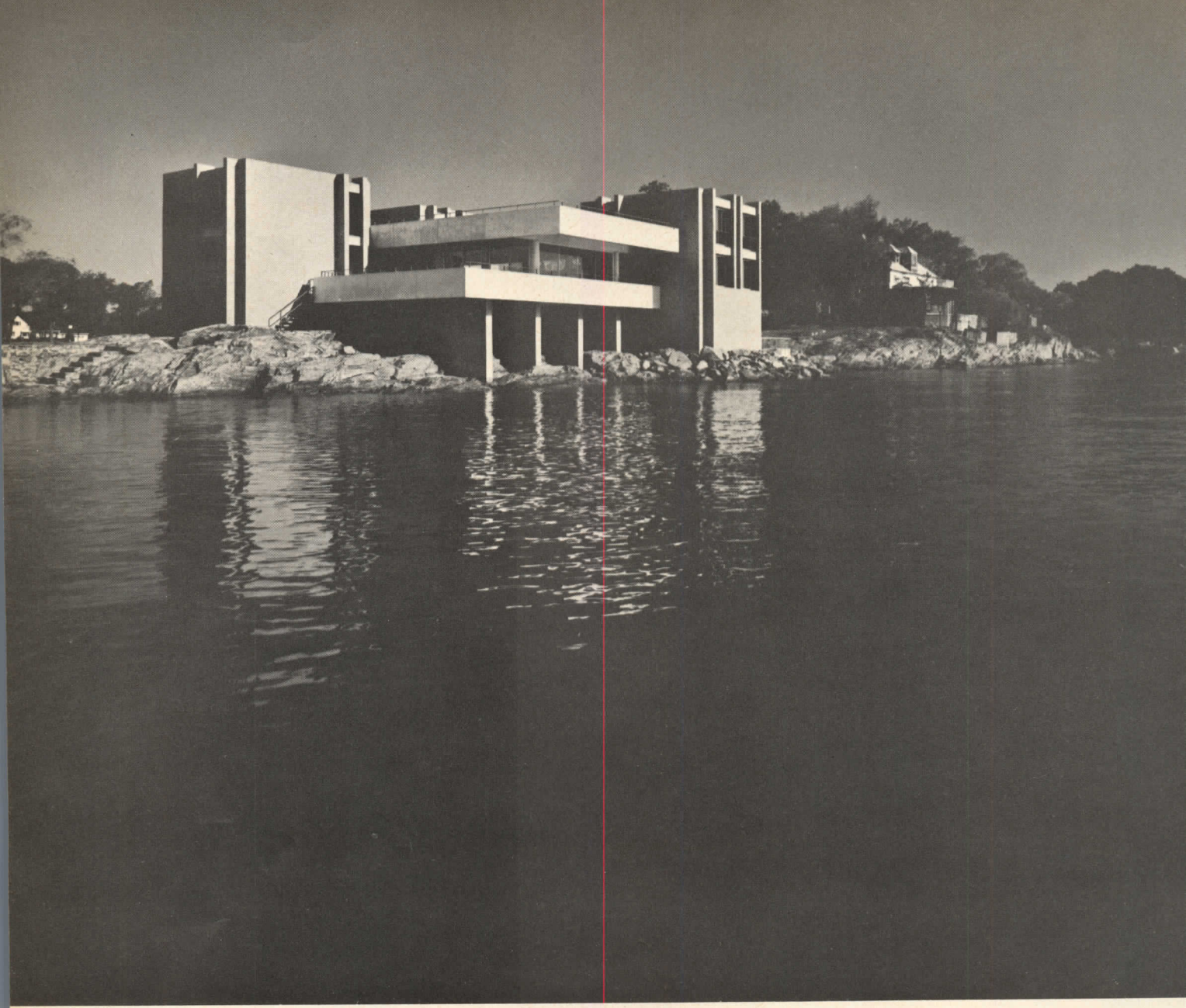


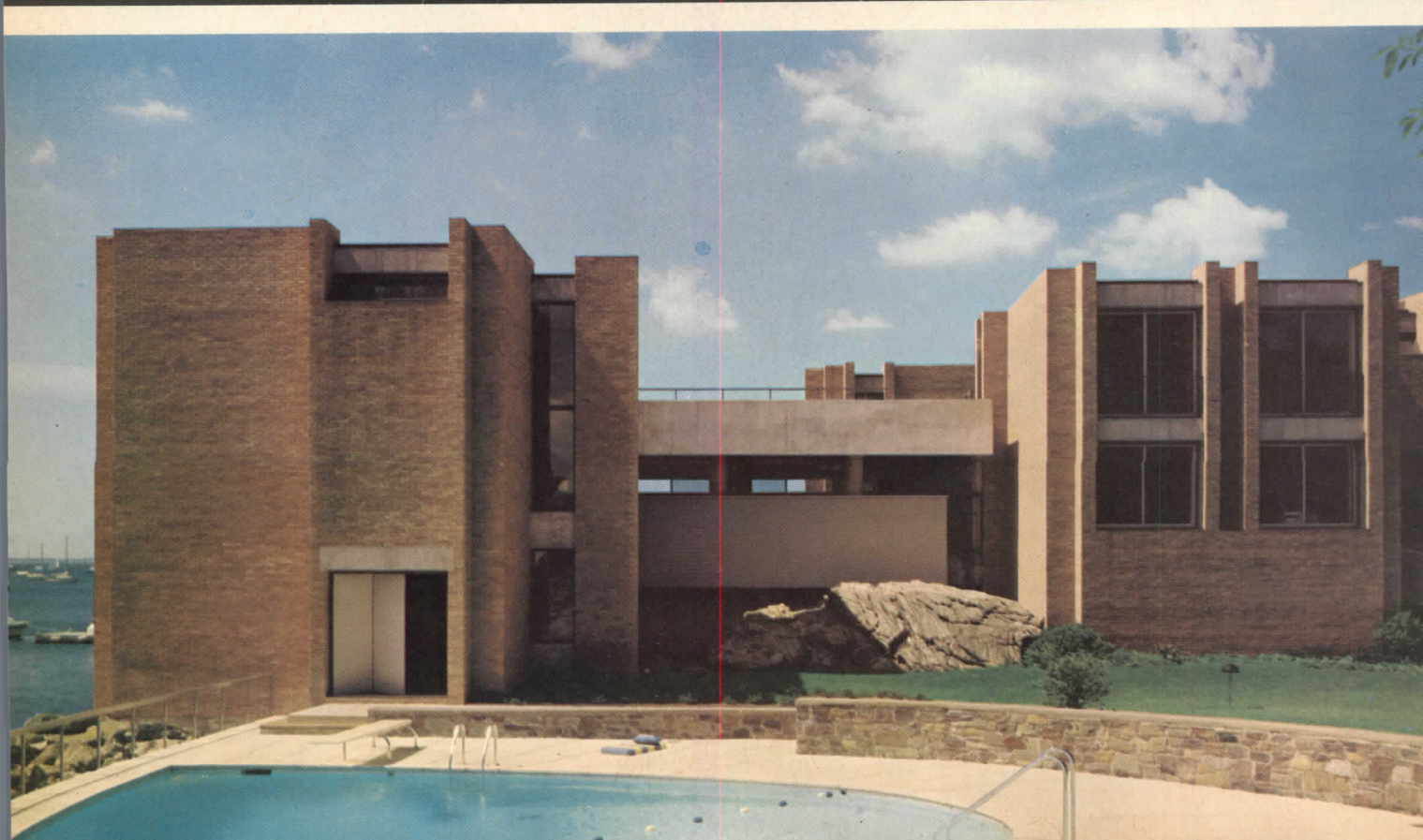
Nicely finished, contrasting materials help define and link spaces within the house. George Nemeny has created a strong divider between the circulation and quiet parts of the library with a rubble stone fireplace and chimney (right). And in the master bedroom (above), continuation of the wood framing and stucco walls effectively adds the balcony space to that of the interior room.

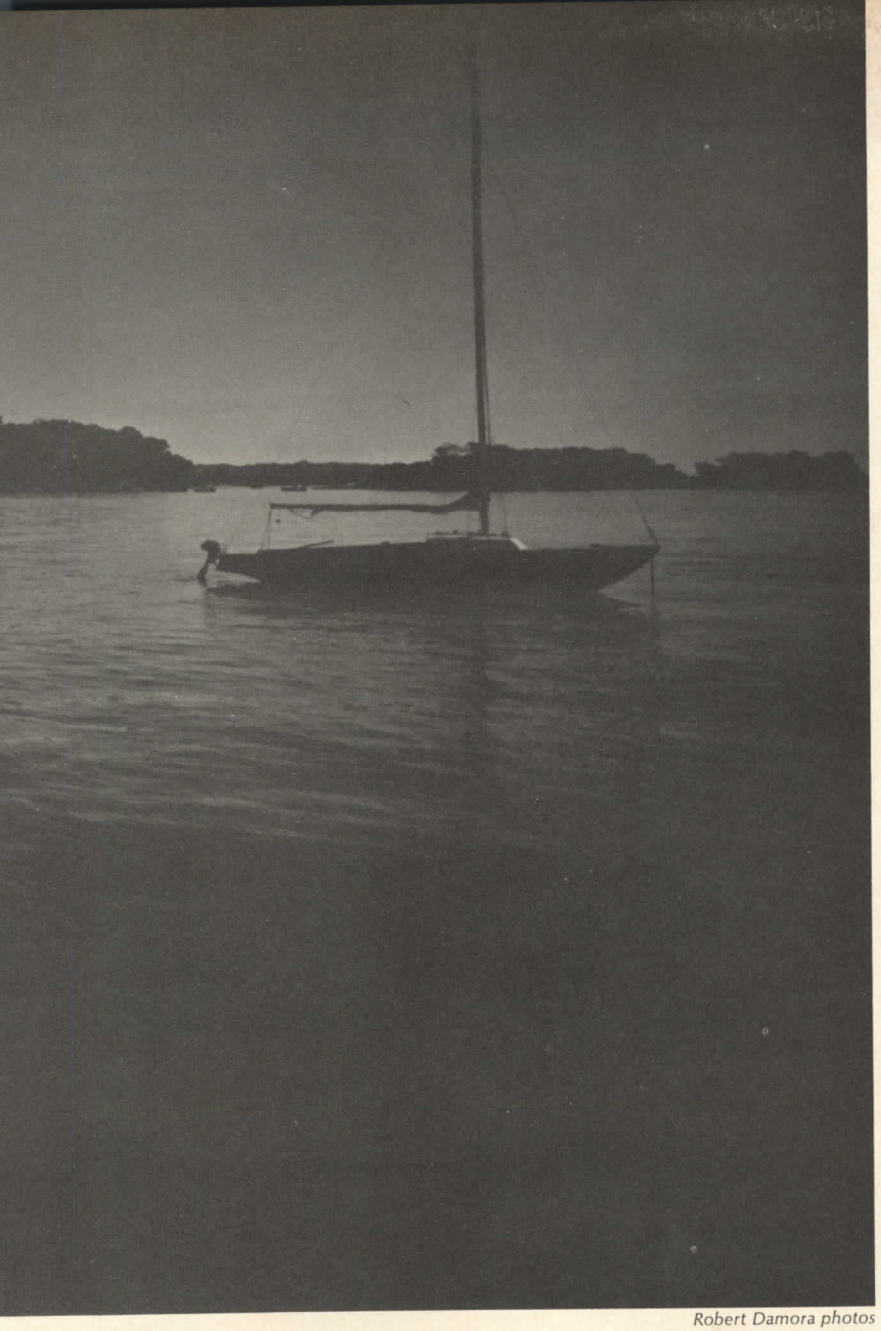
The kitchen (below) is a large, U-shaped area, with a central cooking island. Oil-finish oak and teak cabinets are carefully coordinated with the "view strip" windows above the counters to give a greater-than-usual architectural sense to the space. The kitchen and service area floors are quarry tile, while those in principal rooms are oak planks, and ceramic tile is used in the baths. To help a bit with noise reduction, floors in the playroom are cork. The owners collect English and Oriental antique furniture.



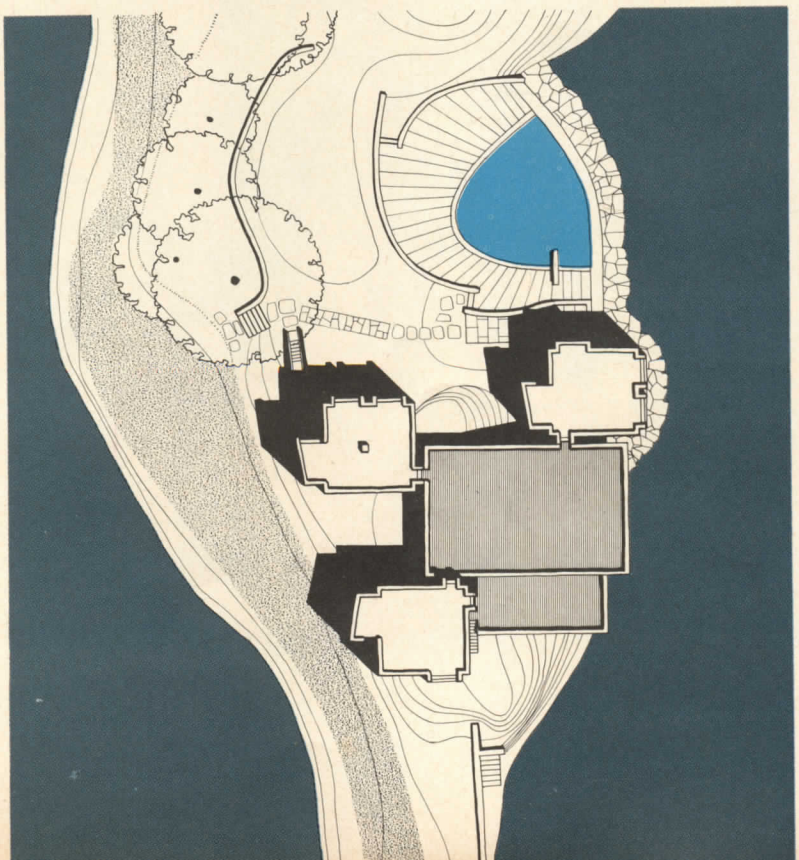








Robert Damora photos



ISLAND RESIDENCE LONG ISLAND SOUND NEW YORK

A romantic bastion, strongly constructed by the sea, this house probably marks one of the high points in Ulrich Franzen's individuality of style. In the succession of houses he has designed over the past dozen years, each building has been very innovative, but certain recognizable characteristics have gradually emerged: open pavilions for general living areas, carefully articulated and zoned areas for bedrooms and service, and a great increase in strength of the over-all design. This house is certainly his most ramified to date in each of these directions.

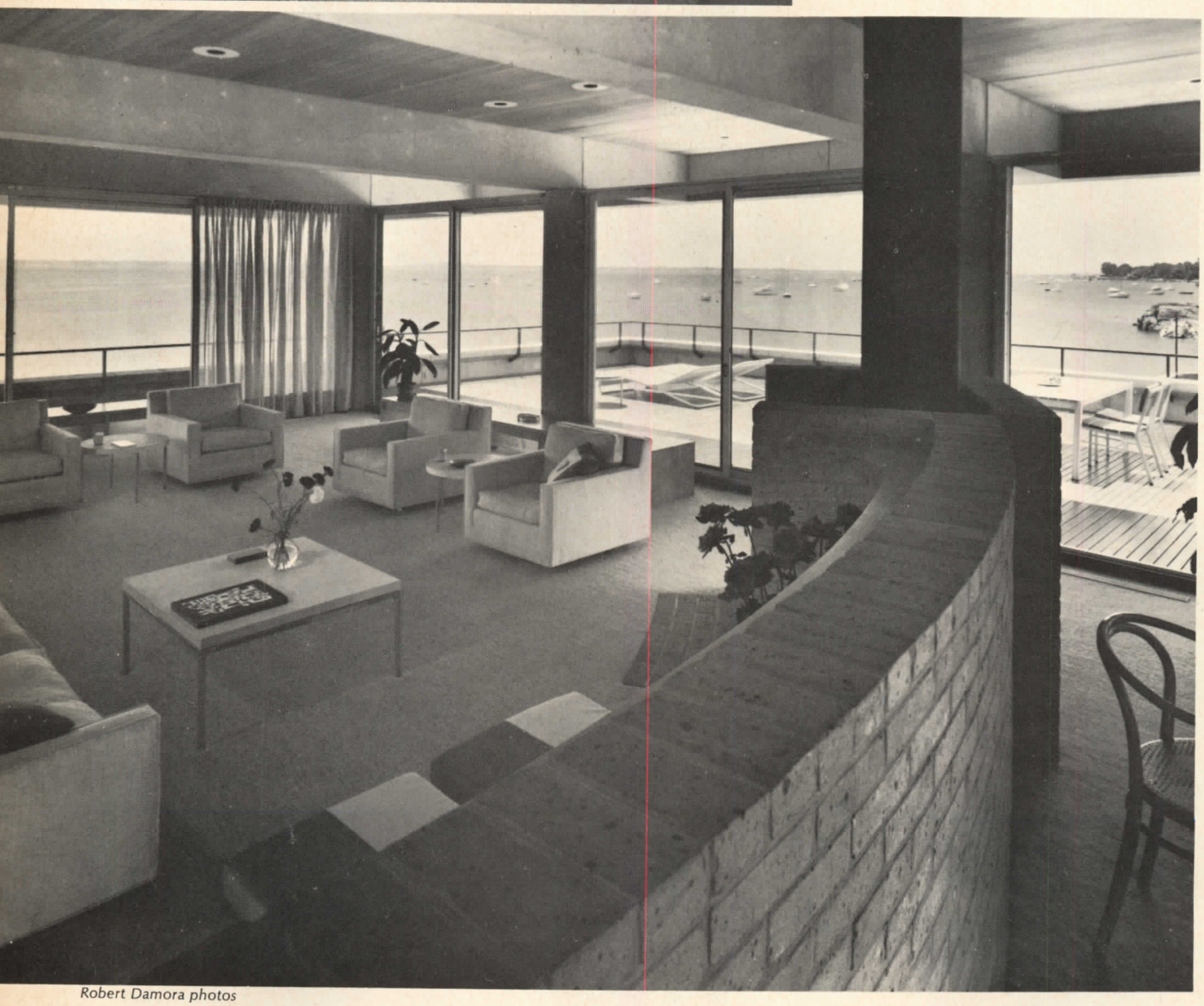
And it makes good sense, given the conditions of the program and site. It is a country or "resort" house for a large family whose major residence is in New York City. Approachable only by a causeway—or by sea—the island site is periodically covered by high tides, and is subject to frequent battering by waves during storms. Franzen has commented that, "the solution therefore raises the living areas a full story above the rocks and permits storm seas to pass underneath the living-dining element; the raised levels of the house permitted siting of the various elements in such a way as to get views not only across Long Island Sound, but up and down a coastline with many inlets."

For all its inherent romanticism, the house has been conceived with a bravura that will probably forestall the architecturally timorous. Once all are used to it, though, the design should wear well and not date rapidly. Outside of the somewhat stylized window and lintel details, it is singularly free of current cliches. And the durable finishes inside and out will certainly fare better than those that depend on a shiny smoothness of surface.

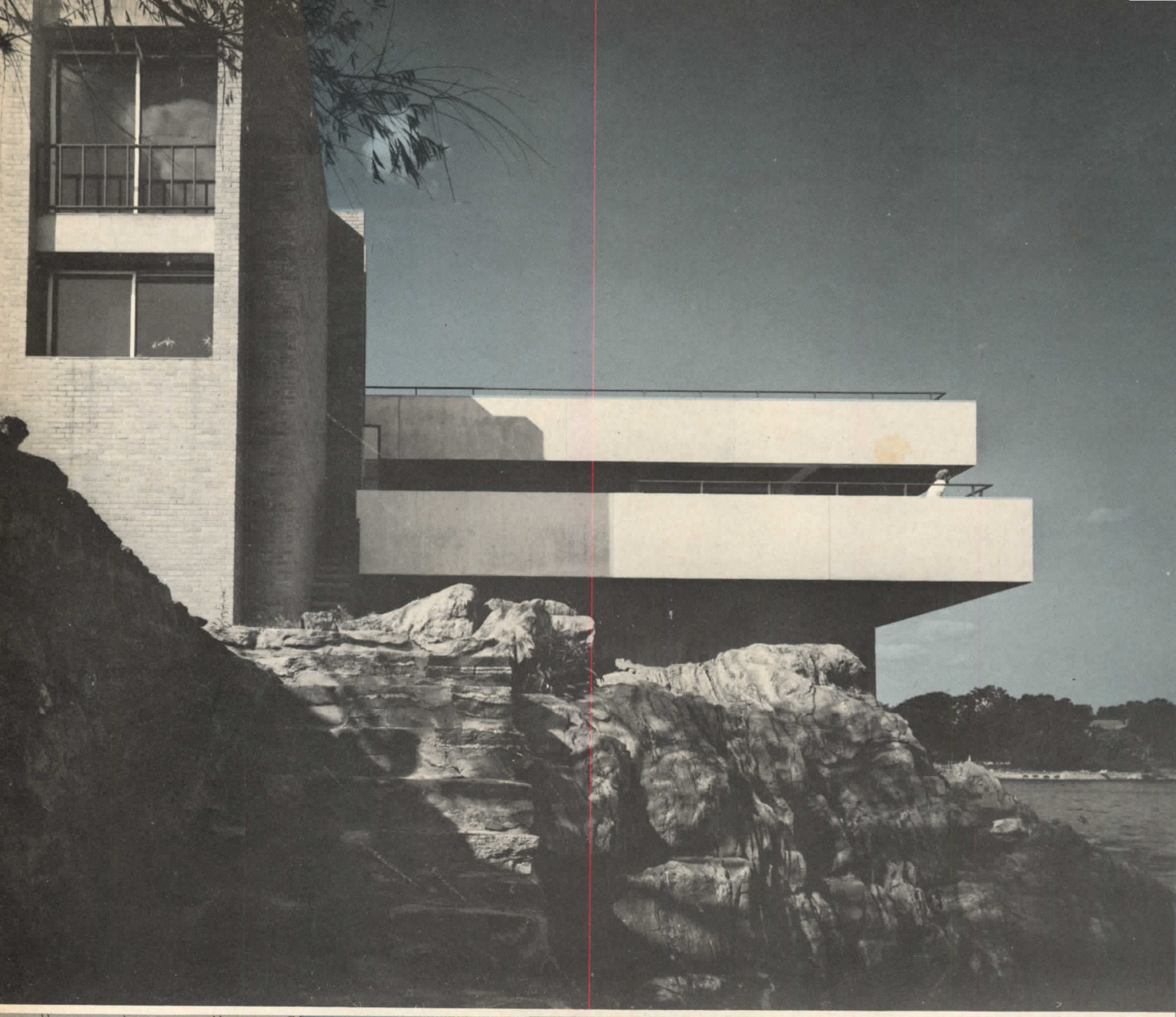
Architect: Ulrich Franzen & Associates, 41 East 57th Street, New York, New York. Structural engineer: *William Atlas;* mechanical engineer: *John Altieri;* contractor: *E. W. Howell Co.;* landscape architect: *Charles Middeleer.*

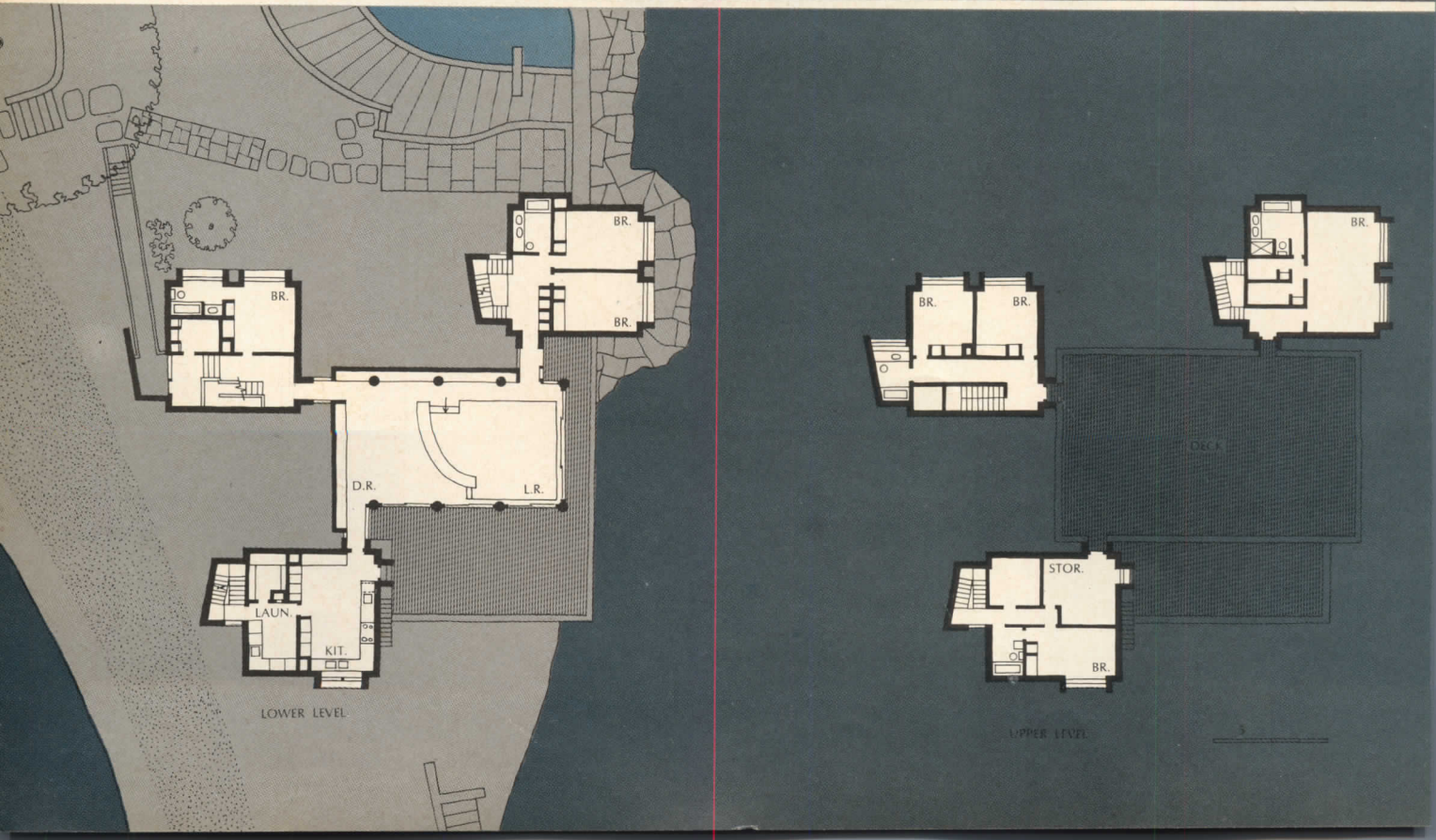
George Cserna photo

Open, deck-encircled living areas provide for an expansive, relaxed way of life in Franzen's island house. The glass walls are amply protected from glare by the wide roof overhangs of this central pavilion. The roof itself serves as a viewing platform, as well as a sunbathing area. The living areas are centrally located between the towers—which contain the more private spaces—and provide access to each. Definition is given to the big open space by leaving the concrete structural members exposed. Other finishes include hemlock for ceilings, slate for floors, brick, birch and plasterboard for walls.



Robert Damora photos

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DECK
STOR.
BR.
UPPER LEVEL

o withstand the occasional heavy sea ction, Franzen constructed the house of eavy reinforced concrete frame. The owers are clad in brick, while exterior alls and parapets of the living and din- g room element are exposed architec- ural concrete. The difference of mate- als clearly defines the different sections f the building, and helps the constantly hanging appearance and massing of the uilding as one goes around it.

The three towers are almost like sep- rate "houses", each with its own interior aircase. One is for the parents and uests; one has bedrooms for the chil- ren; and the third tower contains all the ervice facilities and a maid's bedroom.

The landscaping for the island has een conceived with much of the same erve as the house and relies largely on he dramatic swimming pool, rock out- roppings, strong retaining walls and roups of sturdy trees.

bert Damora photos

George Cserna photos

Phokion Karas photos

HARBY HOUSE YORK HARBOR MAINE

The shed *roof—still very* much a dominant theme in contemporary architecture —maintains its freshness and originality as an architectural form in this sweeping, dramatic interpretation of the motif for a vacation house in Maine. Although it is built primarily for summer use, there is provision for a full heating system and the architect anticipates that the owners will use the house for longer and longer periods of the year.

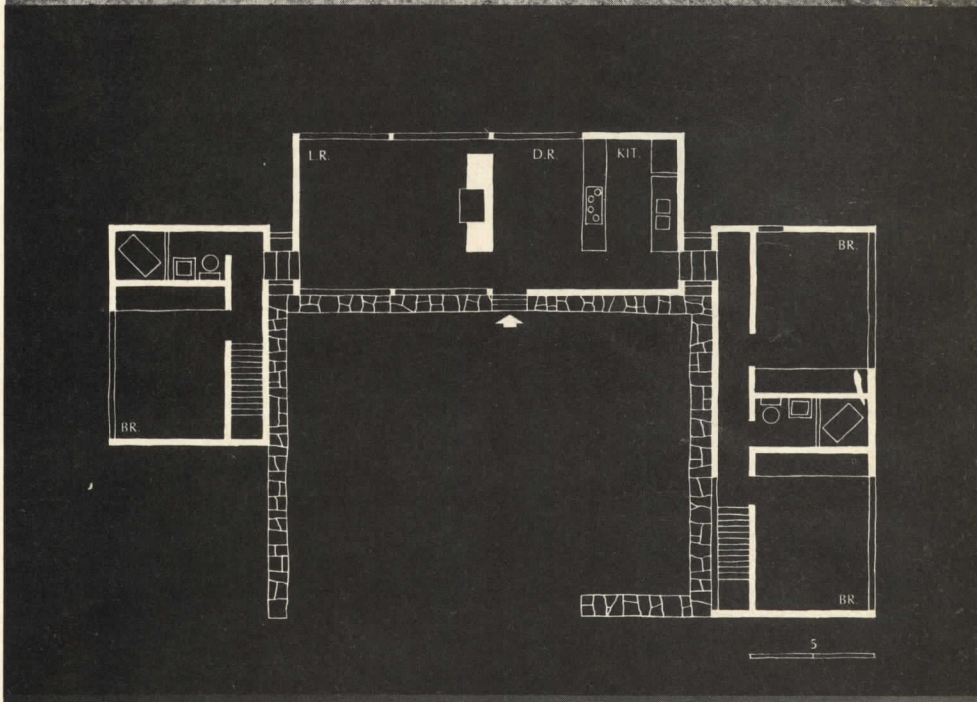
The house is sited on the crest of a hill overlooking York Harbor and is built around the stone foundations of a previous building. The living areas command a dramatic view of the water.

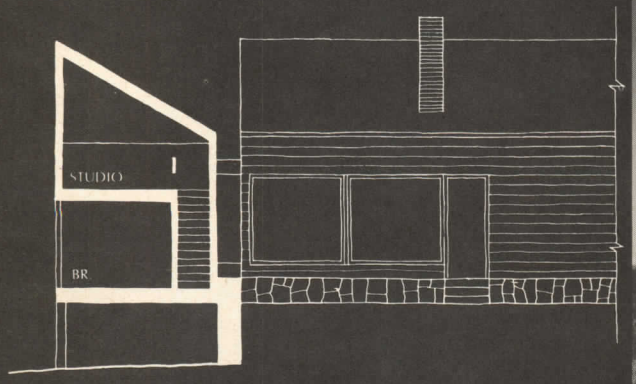
Complete separation of the living areas from family and guest bedrooms was a fundamental program requirement and this led Herbert Vise to develop a tripartite plan in which each part of the building is separately articulated. At first each building was planned to be physically separate from the others, but in the end, convenience demanded internal connections at either end of the living section.

The structure of all three buildings is simple wood frame with exterior walls of white cedar shingle. Wood studs and sheathing are left exposed on the interior walls, while ceilings are exposed, unfinished wood joists and boarding.

The house derives its interest from the strength of its elevations, from the architect's refusal to compromise with or attempt to soften the effects of a rugged site, and from the bold handling of roughly textured, natural materials. At night the expansive glazed areas throw the form of the building into dramatic relief. The construction cost, exclusive of lot, landscaping and furniture, was approximately $25,000.

Architect: Herbert Vise, 65 Long Wharf, Boston, Massachusetts. Owners: *Mr. and Mrs. William Harby;* contractor: *Dominic W. Gratta.*

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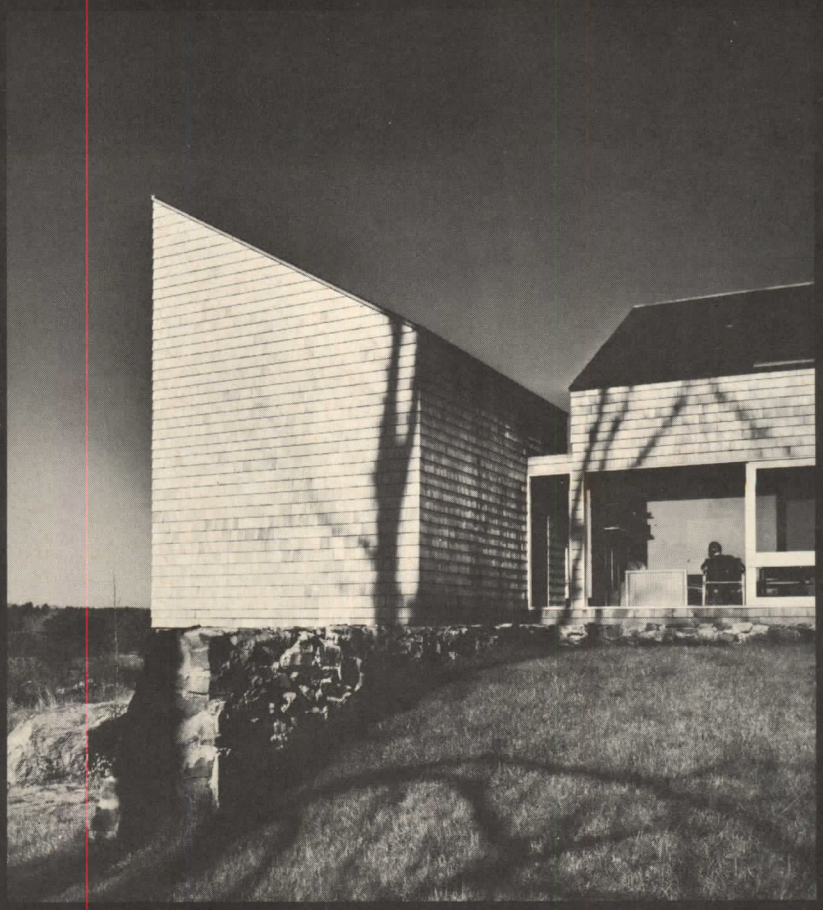
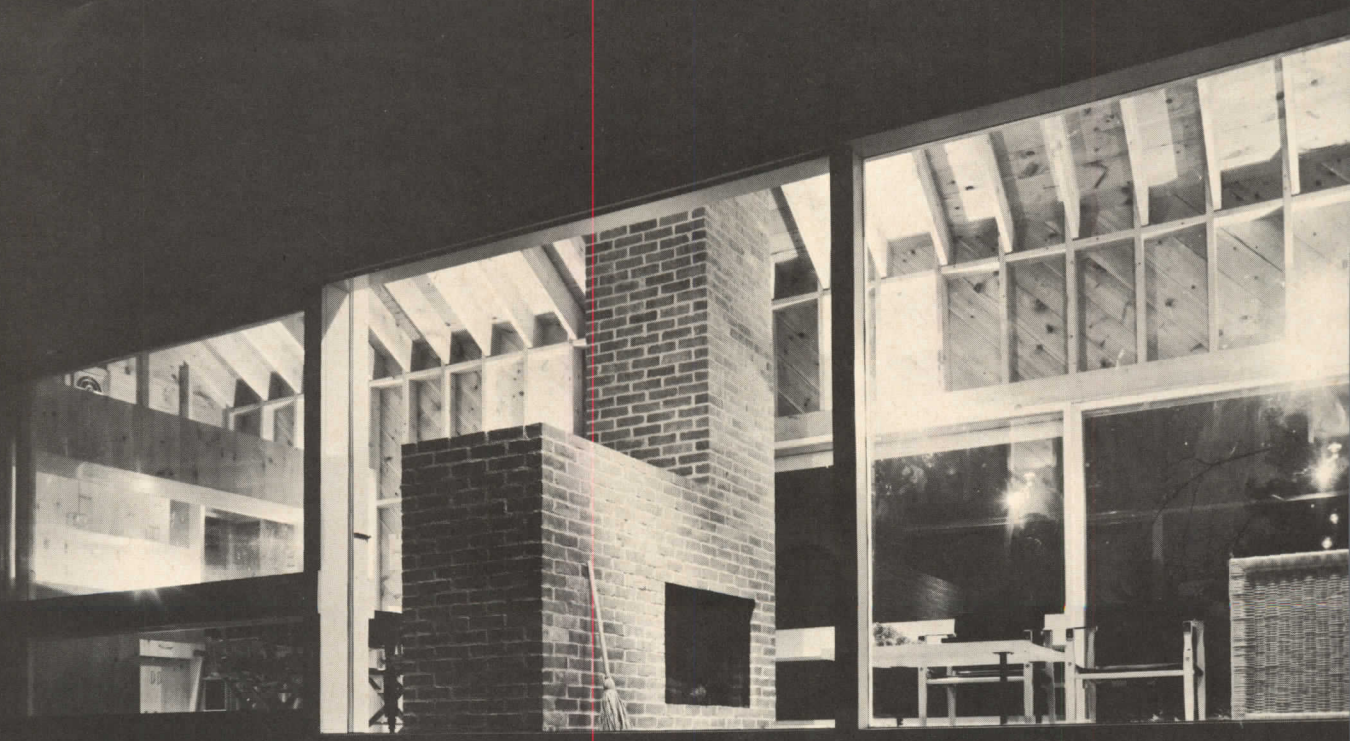
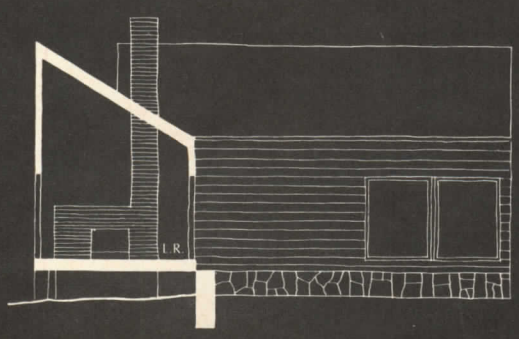




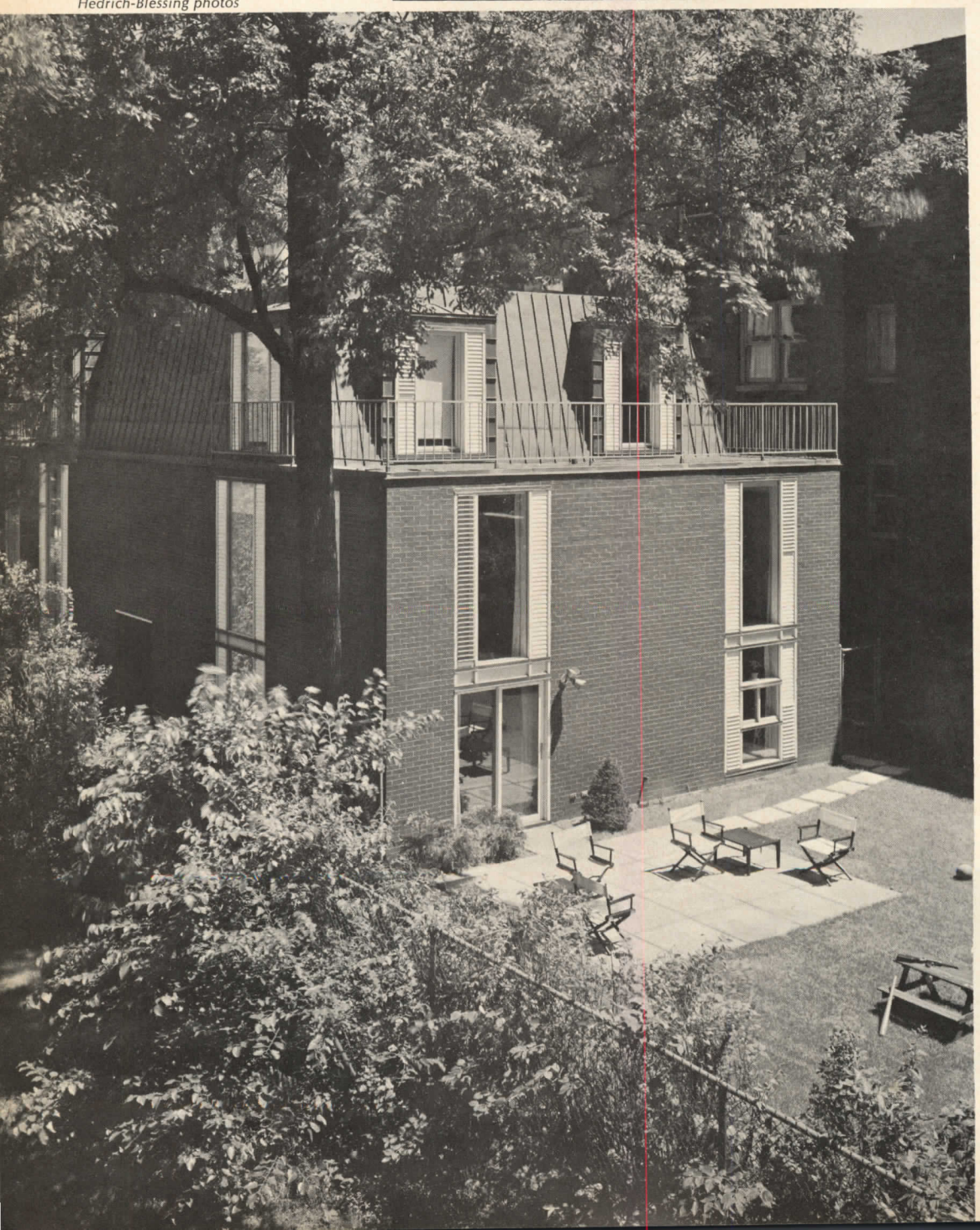
In contrast to the many architects who would define architecture as the enclosure of space, Herbert Vise says that his initial concept of a building is as a total "mass" which he then "hollows out" to meet the spatial needs of his clients and to express his own personal esthetic. Vise believes it essential that the over-all mass of the building should "complement" the site and "be identifiable with the indigenous buildings of the locale."

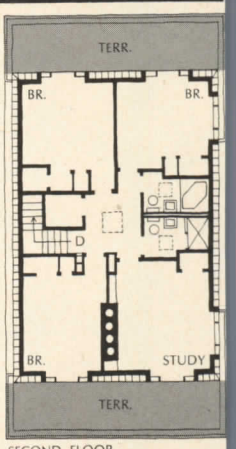
Vise has succeeded in giving this house a distinctly regional flavor which makes it right for its site and creates something of the feeling of those beautiful New England barns. The relationship of the interior to the exterior—as expressed by the dramatic window treatment—demonstrates a strongly sculptural quality.

Mr. Harby is a painter and wanted to use the house as a studio. The great sense of freedom and the uncluttered interiors make this an ideal "loft in the country."

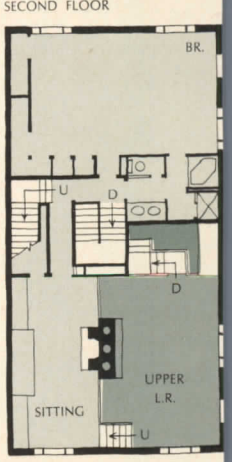


Hedrich-Blessing photos

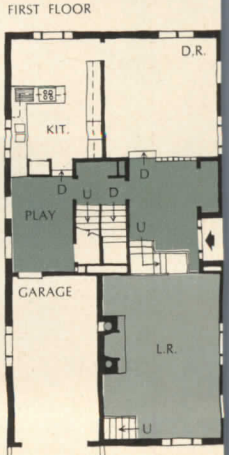




SECOND FLOOR



FIRST FLOOR



GROUND FLOOR

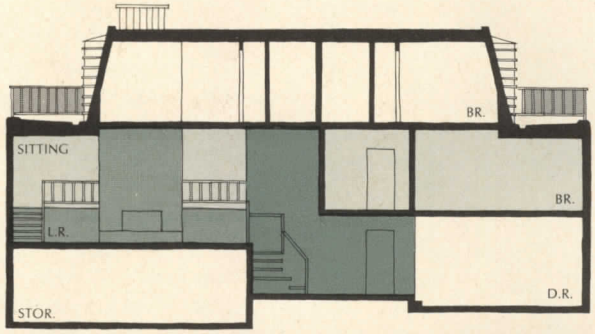
KARLIN HOUSE CHICAGO

This multi-level town-house, with many of the advantages of a house in the country, is a fine example of the renewal of interest in individual city houses by families who want to live near the center of town and its cultural activities, and who don't want to drive or commute long miles each day into the country for a view of trees and grass. The Karlin house, a sizeable one for a family of five, was planned with this in mind, on a 50-foot lot in the middle of Chicago's Hyde Park (near the University of Chicago). Ample play and garden space is provided—even terraces for each of the top-floor bedrooms. On the general trend, the Kecks, who designed the house, comment that families "should have this right of choice, but in general, planning commissions allocate little land for individual houses in or near the center of cities, an unfortunate oversight in planning. Urban renewal is helping somewhat in such planning—however, it could do better than it has in the past."

The Kecks, however, have done very well, indeed, in providing a great feeling of space and privacy in this house, which is set among three-story walk-ups and high-rise buildings. The exterior design, sophisticated as it is in black brick, white trim and copper roof, is handled in a restrained contemporary manner to blend with the neighborhood.

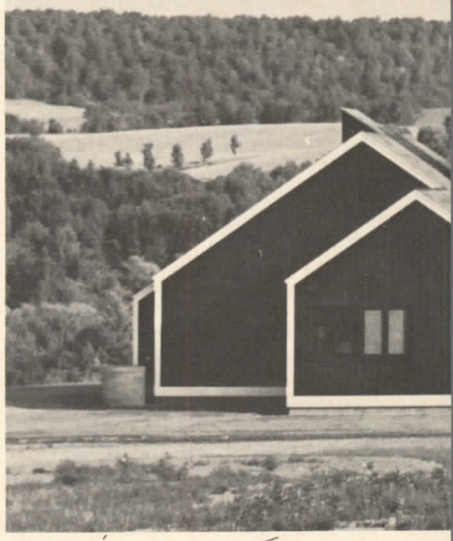
On the interior, the sense of space is tremendously increased by using a multi-level scheme, with many of the spaces opening into each other as balconies or split levels (the various levels are traced through in similar tints on the plans and section shown here). The house is completely air conditioned both summer and winter, with an electronic-type air cleaner to minimize dirt and dust. Thus, most of the "problems" of city living are well provided for.

Architect: George Fred Keck—William Keck Architects, 612 N. Michigan Avenue, Chicago, Illinois. Owners: *Mr. and Mrs. Norman Karlin;* contractor: *Nathan Linn & Sons.*



CASE HOUSE

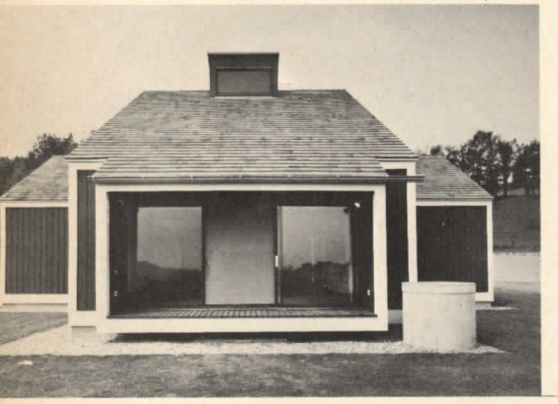
VAN HORNESVILLE NEW YORK

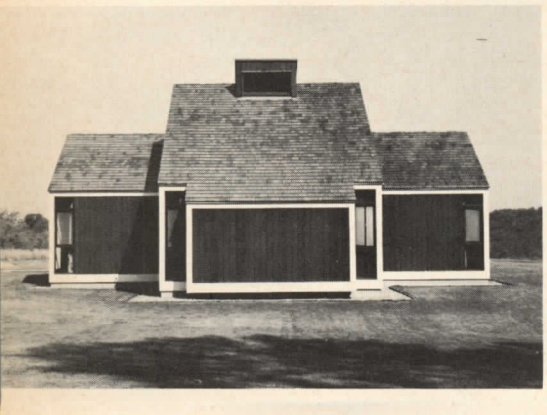


Unity and diversity in a large country house are achieved through individual expression of separate functions—bound together by uniformity of roof pitch, consistent use of materials and balance of the forms themselves.

The architect was faced with the problem of designing a spacious house capable of accommodating large family gatherings from time to time, but one not so grand as to feel empty or overpowering for the day-to-day life of a family of four. While a great deal of space was needed, the owners were anxious to avoid anything approaching "manor house" proportions and wanted a home which would fit in with the character of the local farming community.

Milton Weinstock photos

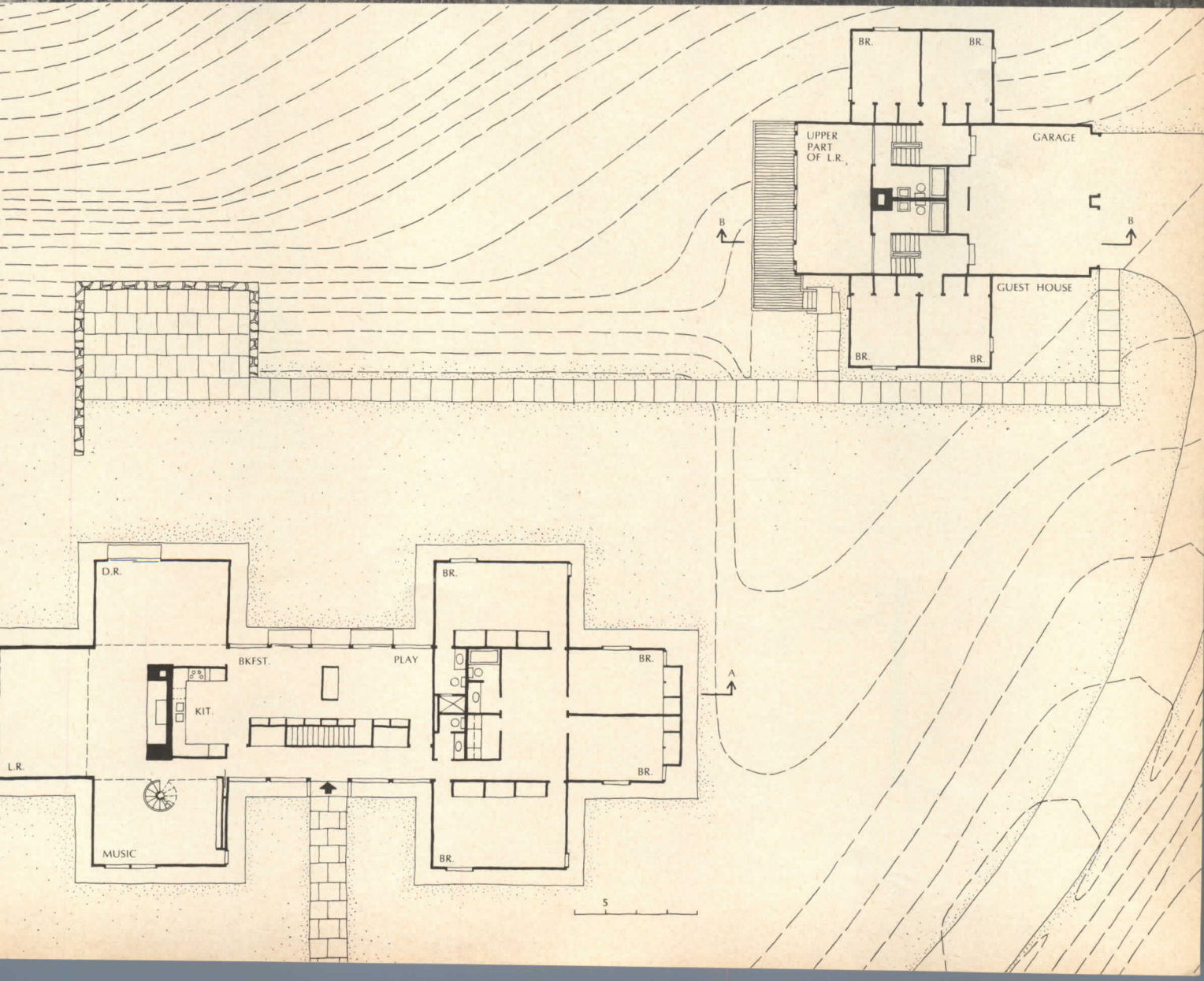




Architect Mills' solution places bedrooms and living areas in distinct wings —separated by a flat-roofed link building containing playroom and breakfast room—with a detached guesthouse (right in photo above and plot plan) capable of accommodating two family groups in separate two-bedroom units. Cedar shingle roofs and charcoal gray redwood siding, contained within a frame of white skirt, fascia and cornerboards—described by the architect as "a common barn-building vernacular"—were deliberately chosen to harmonize with the older buildings in the neighborhood. But the brilliant red front door provides a lighthearted expression of the architect's personality. The over-all massing of the buildings gives the impression of a farm complex that is comfortably at home in the countryside.

The site commands a long view to the east overlooking the Mohawk valley, and two other pleasant but less dramatic views. The three-way orientation of the living areas makes the most of all views.

Architect: Willis N. Mills Jr., Church Street, Georgetown, Connecticut. Owners: *Mr. and Mrs. James H. Case III;* mechanical engineer: *John Moran;* contractor: *Marion H. Baker.*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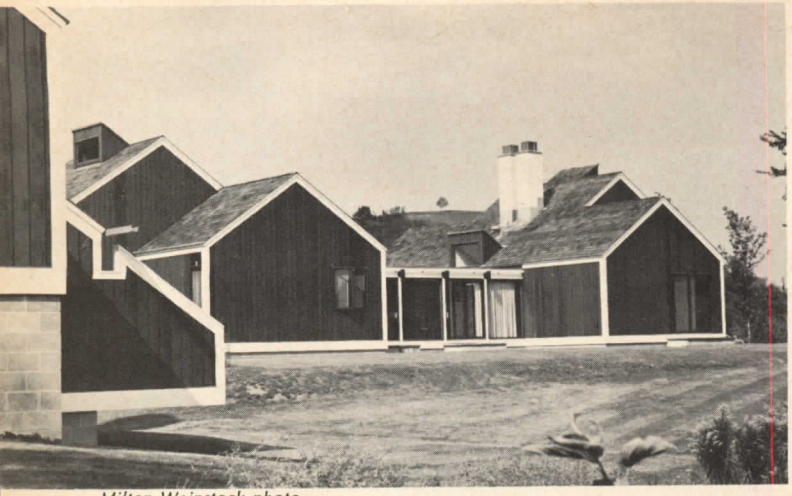
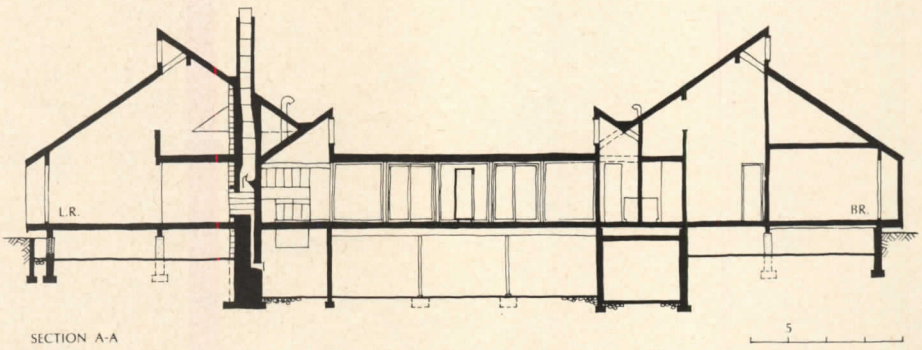


Milton Weinstock photo



SECTION A-A

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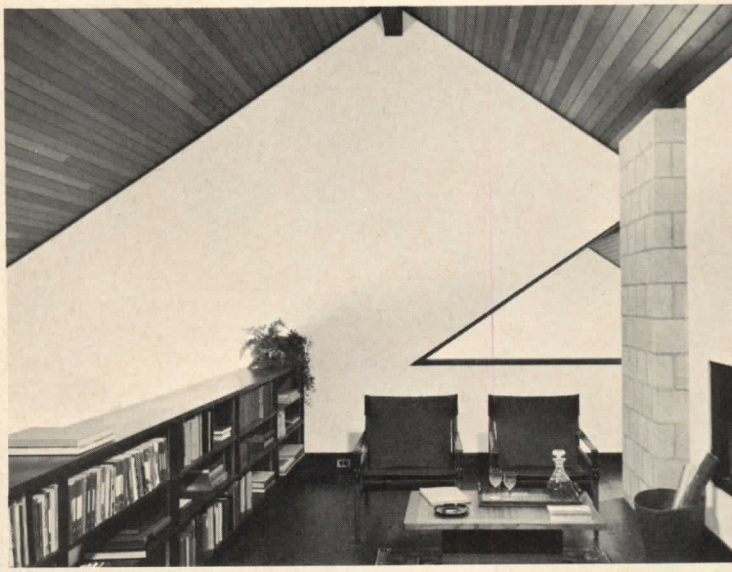
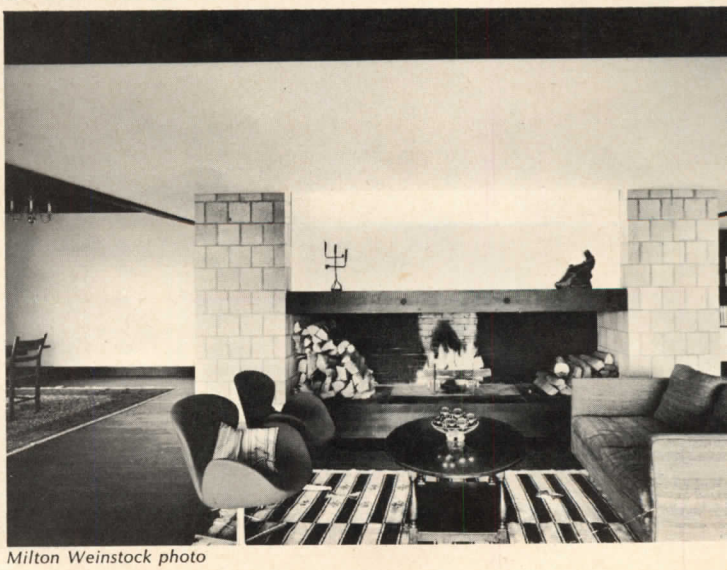
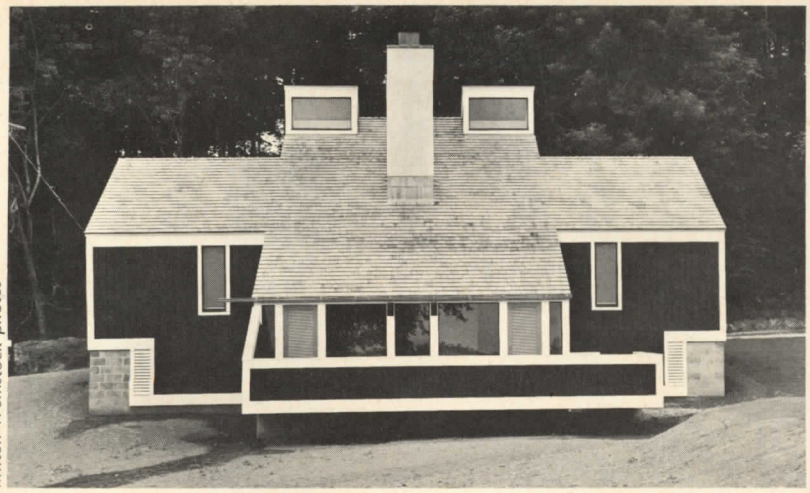
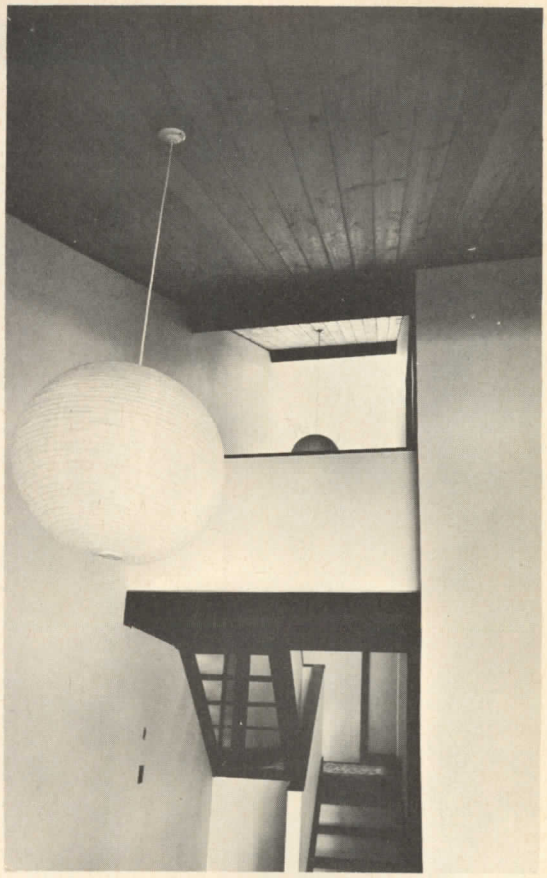


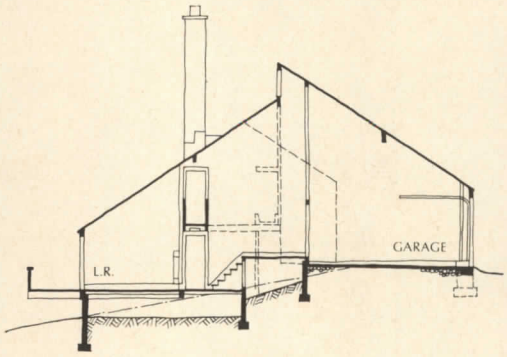


Milton Weinstock photo



Milton Weinstock photos



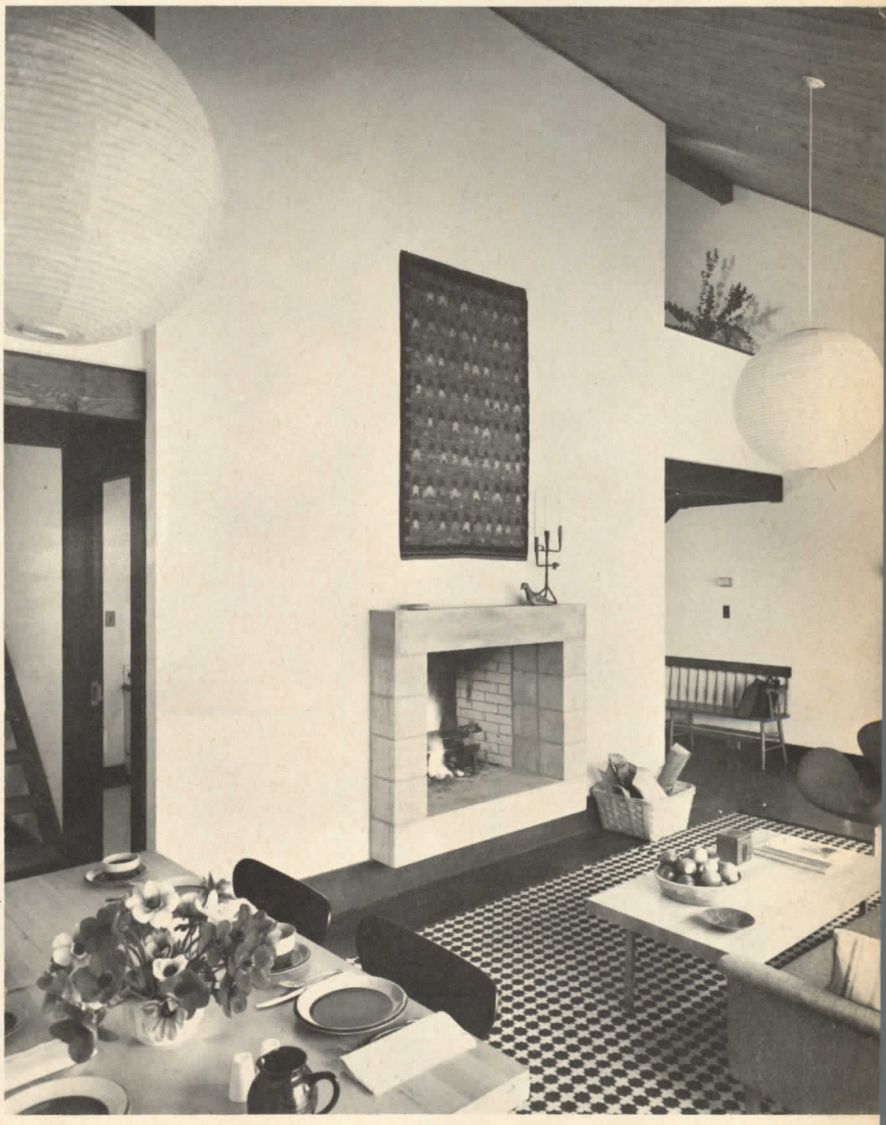


SECTION B-B

High, sloping ceilings dramatize the main living areas of the Case house, while the use of balconies, beams and unusual stairways fully exploits the spatial potential of a rather rambling fragmented plan. However, as the architect says, "the complexity of these diverse elements is held together by a constant series of materials" throughout both the main house (photos and section left) and the guesthouse (right). All walls are rough sand-finish plaster, sloping ceilings are one-inch by 4-inch redwood boards, and the flat ceilings are hard white plaster. Redwood framing for windows and doors is balanced by the redwood mantle over the fireplace. Floors in the living areas are dark-stained oak strip, while vinyl cork tile is used in kitchen, bathrooms and playroom. A five-zoned oil-fired warm-air heating system gives a comfortable environment throughout the house.

The guesthouse makes use of a change of grade to place the living room and kitchen on a lower level and the two sets of bedrooms above, each with its own stairway, entrance hall and bathroom. The garage is located in back of the same building.

Commenting on how the house has reacted to use and time, the architect says that he has been pleased with "the way it absorbs large groups on occasions without seeming rattlingly empty the rest of the time. The choice of solid natural materials used in a rather elemental way seems to have worn well and contributed to the character of the neighborhood."



© Ezra Stoller Associates photo

Robert Lautman photos

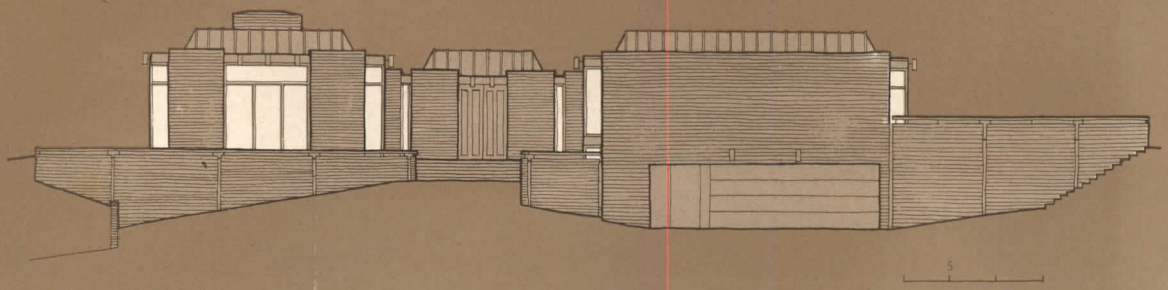
NEWMYER HOUSE WASHINGTON, D. C.

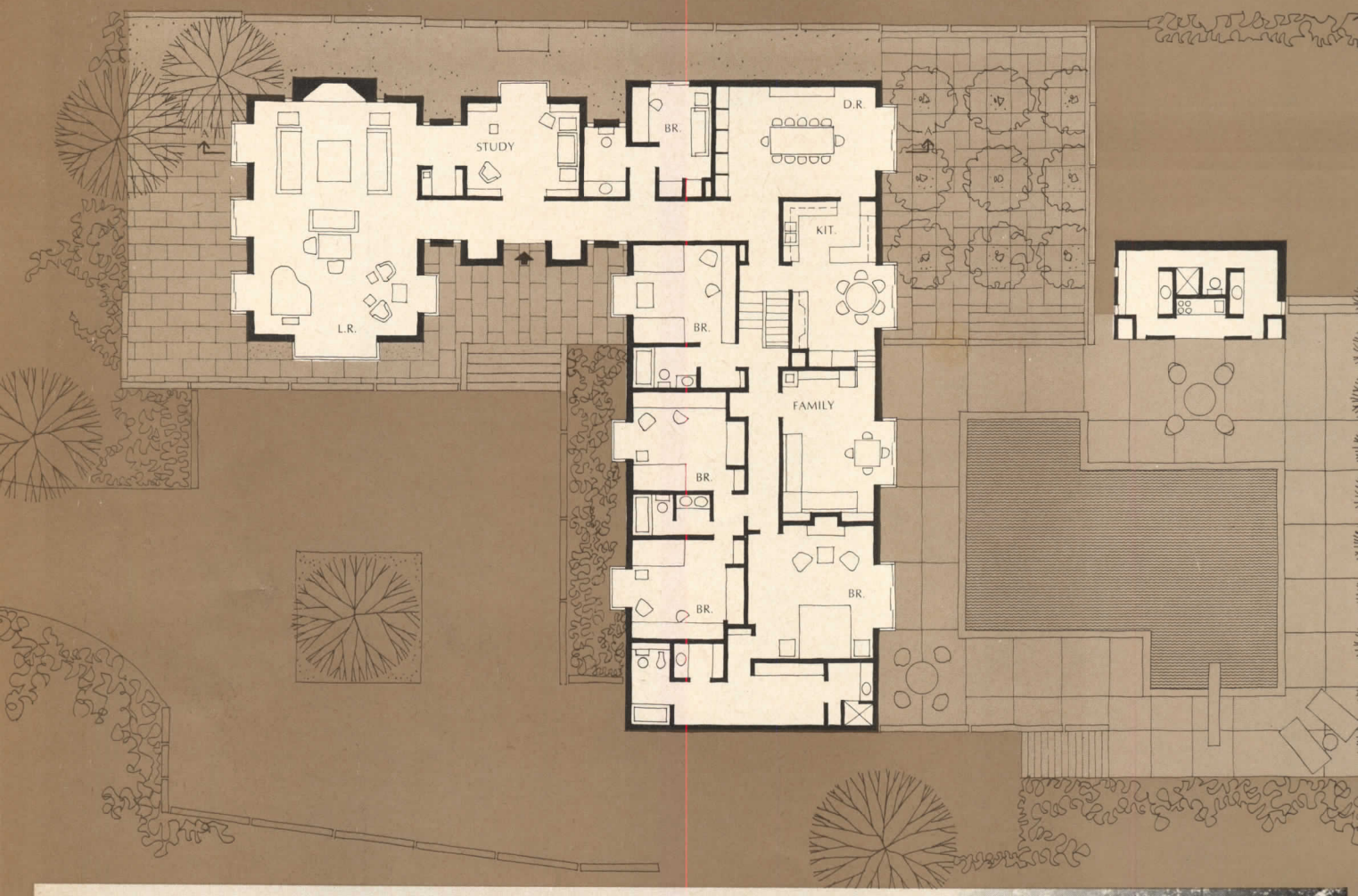
"Exploded" space, in the form of mansard roofs and bay windows, successfully achieves extended room sizes and bold asymmetrical exterior massing for a somewhat formal city residence.

A site bordering Rock Creek Park—the natural wooded area which runs right through the center of the District of Columbia—was chosen by the Newmyers for its dual advantages of seclusion and proximity to the center of Washington. Although attractive, the site posed planning difficulties, since its slope and shape made it difficult to accommodate a rather large house with a formal entrance, a swimming pool, a double garage and an adequate driveway in satisfactory relation to one another. However, with the use of built-up terraces and the extension of room sizes by means of the unusual roof and window forms, a very attractive scheme was arrived at which makes full use of the site and also fulfills all the clients' requirements.

Describing the execution of the design and the choice of materials, the architect says: "The structural system of masonry bearing walls and wood trusses permitted the concept of the mansard roof and the interior coffers to take form. The use of materials and their independence expressed through the detailing is a conscious effort in the over-all design of this house. The brick is free-standing, the black-anodized-aluminum bay windows are separated from the brick by three-quarters of an inch and the black terne standing-seam roof is behind the parapet." What Jacobsen has in fact achieved is a sensitive combination of dominant forms and materials in which each makes a strong statement.

Architect: Hugh Newell Jacobsen, 1427 27th Street N.W., Washington, D.C. Owners: *Mr. and Mrs. James Newmyer;* structural engineer: *Carl Hansen;* consulting mechanical engineer: *George Campbell;* contractors: *Jesse Dustin & Son;* landscape architect: *Lester Collins;* interior designer: *Edward M. Benesch.*




STUDY
BR.
D.R.
KIT.
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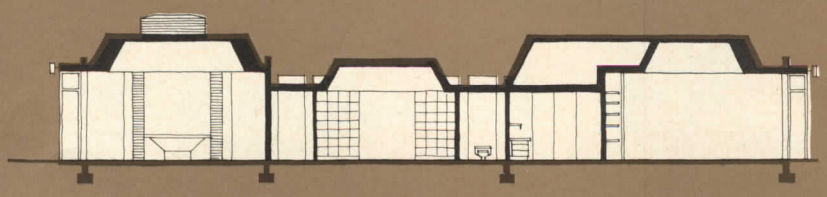
BR.
FAMILY
BR.
BR.
BR.

e living room of the Newmyer house is spacious, rather formal room, but it ens out onto the swimming pool and rrace which—with its own separate thhouses—provides an informal en-onment for the children and for sum-er entertaining. The dining room also s its own adjoining paved terrace nich has been planted with nine silver rch trees at 8-foot intervals, making it ssible to set up individual tables be-een the trees for summer parties. As ell as separate bedrooms for each of e children, and a master suite, the use has a library, private office, chil-en's playroom, maid's room, and am-e kitchen and storage facilities. The proximate cost was $135,000.



SECTION A-A

PRIVATE RESIDENCE SHERMAN OAKS CALIFORNIA

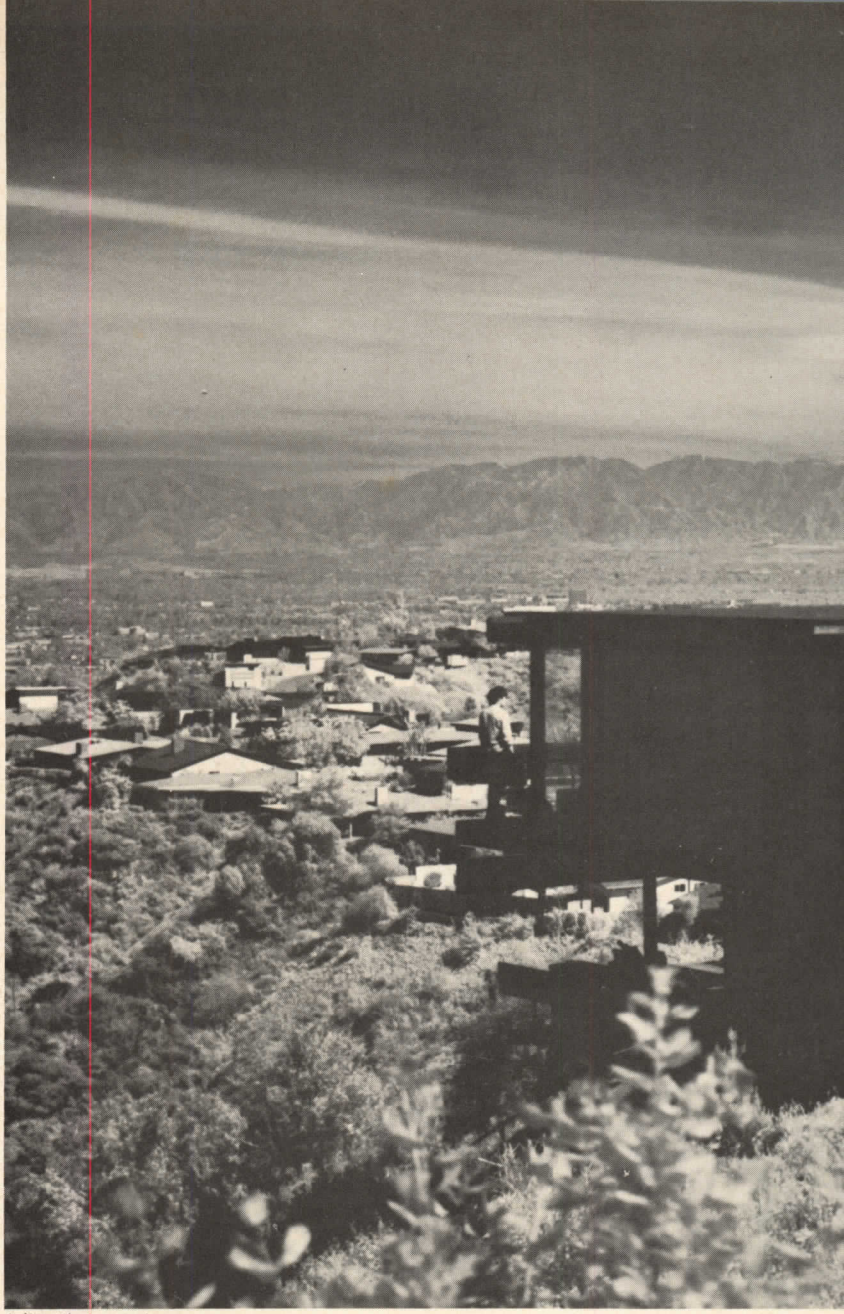
Anchored firmly on its hillside site, this attractive wood-frame house commands an expansive view of the valley below and provides well-zoned living areas for an active family life. The peaked roofs with clerestory windows articulate the main living areas and add life and character to the scheme as a whole.

Since the owner is a writer, and his wife a sculptor, their spatial requirements demanded good zoning separation so that they could work with as little disturbance as possible from the children. The studio and master bedroom are therefore placed on the western side of the house where they are completely separate from the main living areas—in the center of the plan—and the children's wing on the eastern side of the house. The alcove between the kitchen and the family room can be used for guest accommodation or for special family projects when required. The fairly dramatic cantilever of the house provides sheltered outdoor space at the lower level—suitable for sculpture or any kind of "messy" activity. A sun deck outside the family room gives a pleasant view of the lower-level swimming pool.

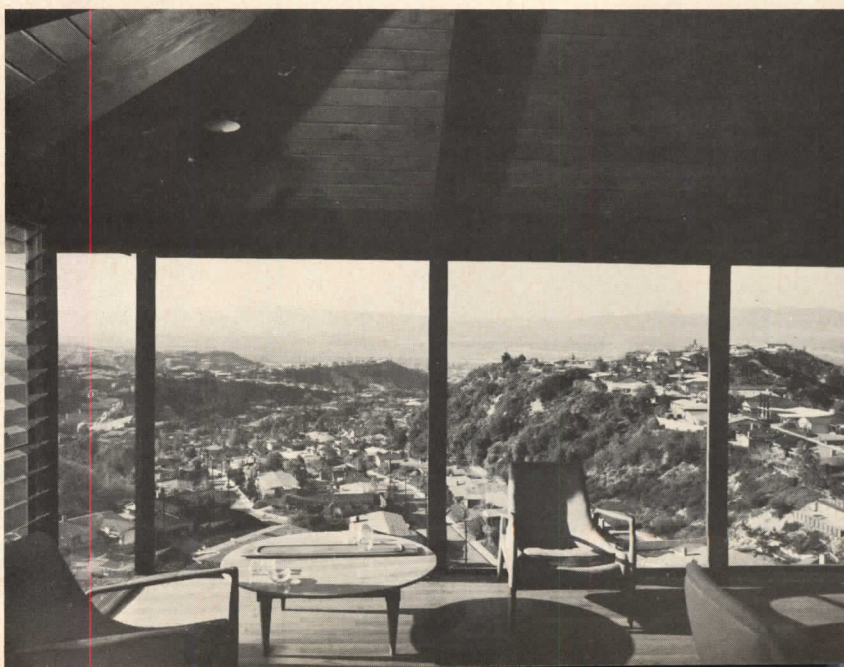
The exposed ceiling framing and tongue-and-groove white fir decking in the living rooms are an effective contrast to the large areas of glass. Southern-facing clerestory windows allow a warmer toned light in the center of these rooms to counteract possible glare.

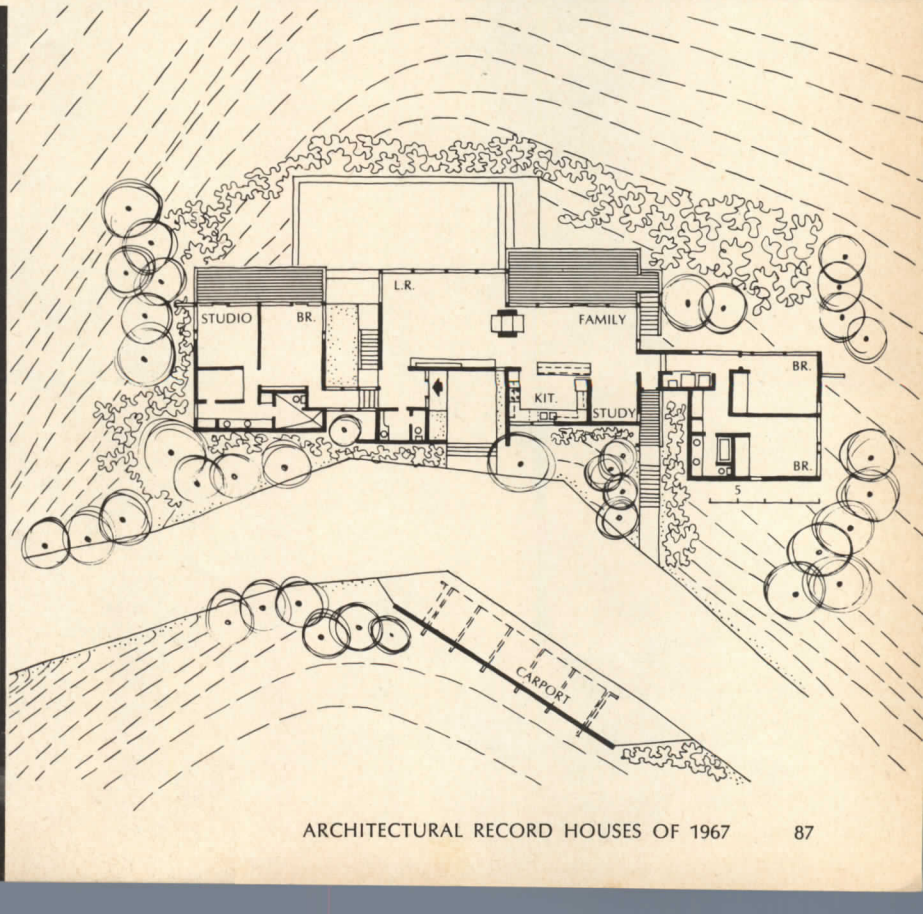
The character of the site was kept in mind at all phases of design and construction. The architect says that the dominant use of wood "carries out the feeling of the mountain area" which has been further enhanced by the planting of 200 pine seedlings to prevent soil erosion. Cost was about $57,000.

Architects: Richard Dorman & Associates, 113 N. San Vincente Boulevard, Beverly Hills, California. Structural engineer: *Frank Burke;* contractor: *Lee Lauger.*



Julius Shulman photos

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Louis Reens photos

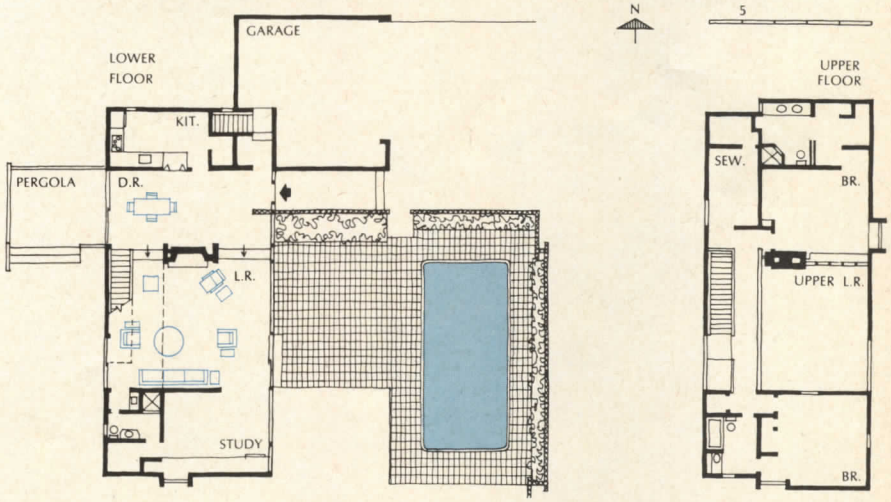
STUBBINS HOUSE CAMBRIDGE MASSACHUSETTS

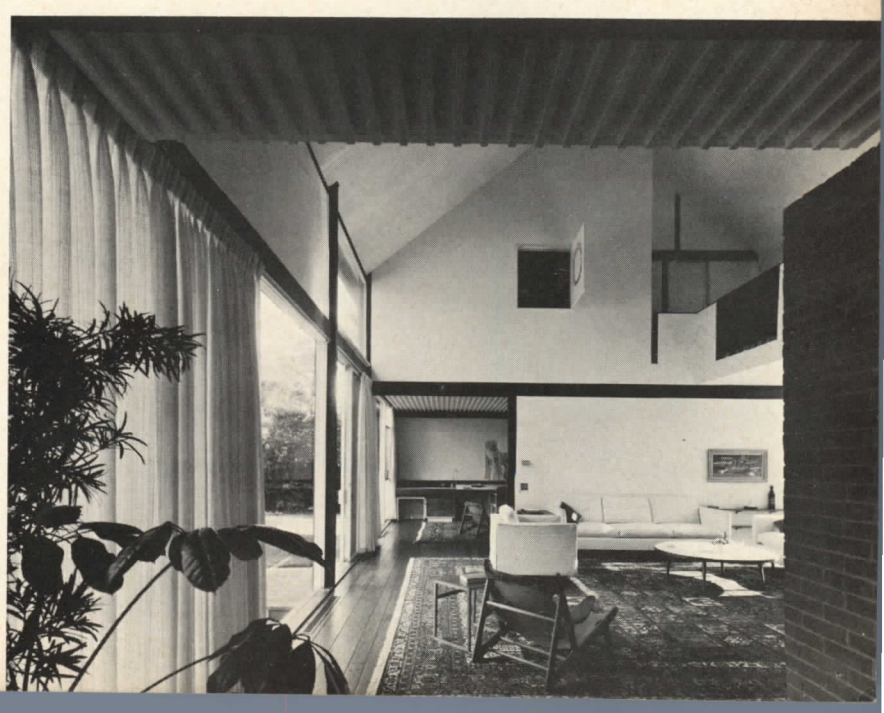
ugh Stubbins has built a lively, walled- retreat for himself and his wife, on ambridge's historic Brattle Street. It ands amongst a long line of Georgian nd other-styled houses going back to the ouse of Henry Wadsworth Longfellow nd others of note. Though varied in de- gn, all these houses now carry the gen- al aura of "traditional". On the con- mporary change of pace that this house troduces, Stubbins comments: "I anted my addition to this street to be mpatible, but also a reminder of its wn era. It is essentially a house for a ouple. The idea of the house is one that ave played with in one form or another er the years—it is like a barn with open fts. In section its guideline geometry is circle—a satisfying proportion."

The house can, indeed, almost be nsidered as a single room of very am- e and satisfying proportions—with nu- erous alcoves and spaces that can be osed or left open as desired.

At first glance, the house appears latively simple in concept, and its cor- er lot is well screened by an enclosing all. However, a closer look reveals some the surprising and intriguing details— done with discernment and a good llop of wit. Stubbins explains, "the ain room soars 26 feet to the ridge; the ucture, raised and dropped girts, ties d the like, are exposed to view. The mple, barn-like form is enlivened by nched holes in the walls for windows, the roof for skylights; by overhanging e second floor at the ends; by a bay ndow, a dormer, by opening a whole all; by hanging a louver for the western n, and by pergolas and brick walls ty- g the house into the *landscape. The* ual secrets and surprises are not im- ediately revealed."

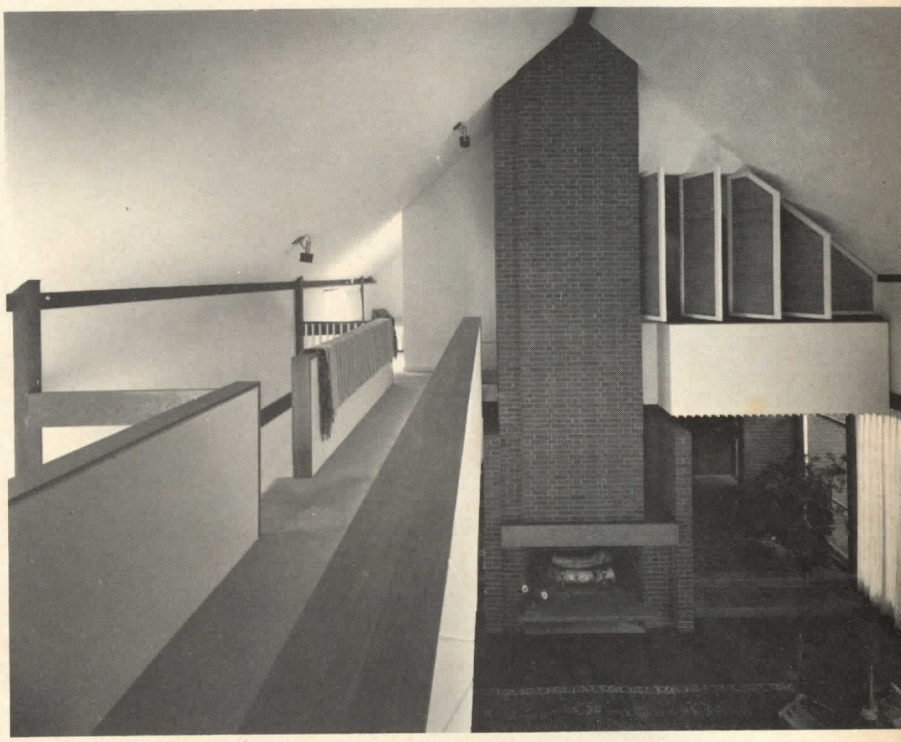
chitect: Hugh Stubbins, 806 Massachusetts enue, Cambridge, Massachusetts. Owners: *. and Mrs. Hugh Stubbins;* contractor: *H. biason.*

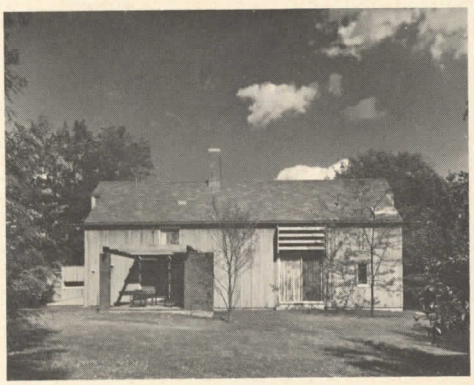




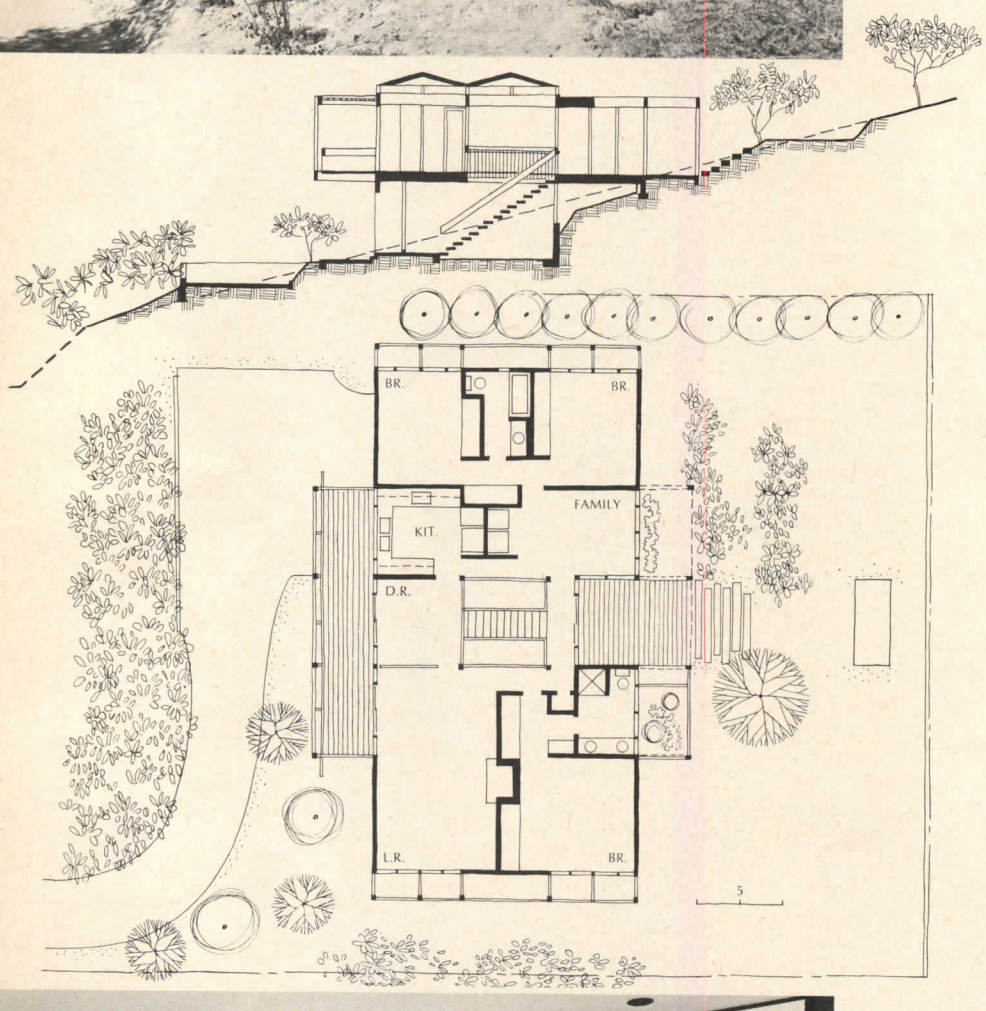
Well-designed, well-executed details are a dominant highlight of the Stubbins house. Though some of them are highly individual (note the shuttered "windows" from the upstairs bedrooms in to the main room, and the open balcony "hallway"), all also evidence a great love for good materials and finishes. Stubbins comments that the "materials were selected for beauty, simplicity and ease of maintenance. The exterior is rough-sawn redwood, white-painted window trim, asphalt shingles (the building code required fire rating), and waterstruck brick for walls and the terrace around the swimming pool.

"On the interior, the structural Douglas fir is stained dark brown. Dining room and kitchen floors are Welsh tile—the color of old leather; wide oak boards form the floors of the living room, and the entire second floor is carpeted." To highlight these materials, all walls and ceilings are simple rough plaster, painted white, with well-placed accent lights.





WOO HOUSE LOS ANGELES



A dramatic entrance stairwell—wher fast growing trees and plants create a interior garden effect—is an ingeniou solution to the problem of a steeply slop ing site. At the same time, the stairwe provides an interesting central focus fo the main living areas. The device of raised roof with a band of clerestory glas over the stairwell and dining area is skill fully employed to bring extra light an space into the center of a relatively sma house. A handsome stand of eucalyptu trees flank one side of the site whic can be glimpsed through these clerestor windows.

Of simple wood frame construction this house—designed by the architect fo himself and his family—makes substan tial use of redwood for exterior and some interior walls and for the trellis (above left) which screens exposed glass areas from the sun and also gives shade to an outdoor deck. Some well-grown groups of trees on the southern and western sides of the lot protect the house from the heat of the late afternoon sun. An ex pansive view of the Los Angeles skyline is fully exploited by glass walls in the living-room, dining room and kitchen. A patio and terraced slopes at the rear of the lot make a pleasant playground fo the two children, who can be easily su pervised from the family room which overlooks this area.

Careful zoning allows plenty of liv ing and entertaining space for the adults without conflicting with the children's activities. The children's bedrooms at one end of the house are separated by the kitchen and family room from the main living areas.

A carport and turning area have been cut into the hillside below the house and a steeply sloping driveway leads down to the street. The construction cost, exclu sive of landscaping, was about $26,000

Leland Lee photos

Architect: Young Woo, 3763 Mayfair Drive Los Angeles, California. Owners: *Mr. and Mrs. Young Woo;* structural engineer: *Tom Woodward;* contractors: *Colletta & Edgley*

GONZALES HOUSE

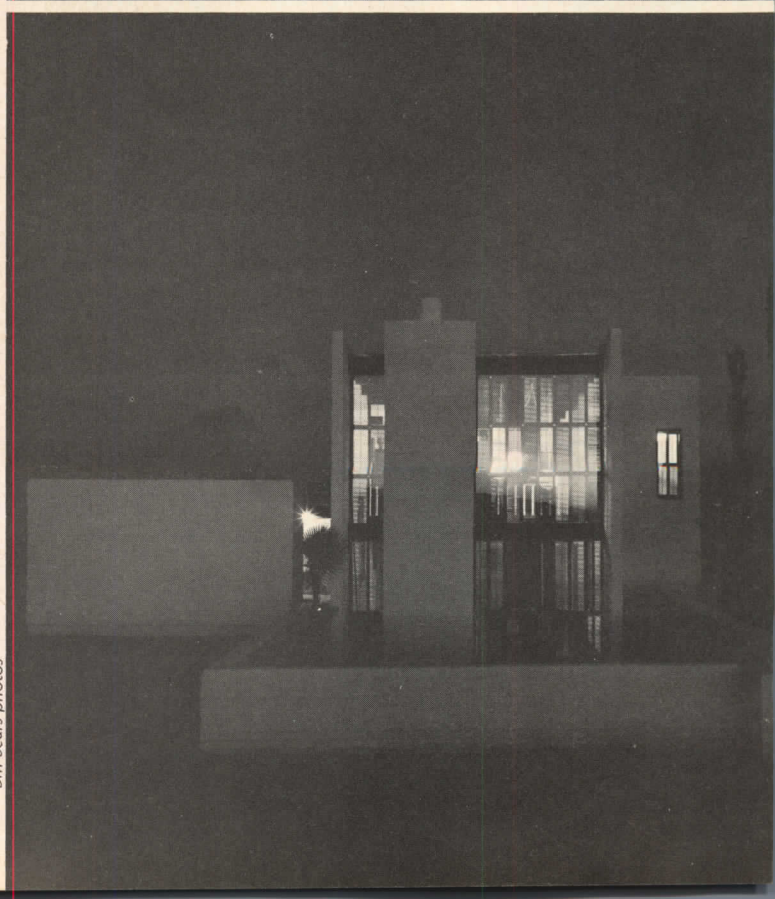
PARADISE VALLEY ARIZONA

At first glance, this is a very regional Arizona house; but much more important is its expression of the universality and adaptability of some of the current contemporary-design idioms. Shed roofs, a relatively loose (but well-zoned) room arrangement, variety in ceiling heights and levels, a "tumbled" (but carefully studied) interplay of exterior forms, and experimentation with light, shade, shadows and views, are all design devices which are being employed in many of the newer houses from Maine to California. Of course, most of these concepts —the shed roof in particular—are just as indigenous to the Southwest as to New England. The singularly local quality that they project in this house stems mainly from the use of adobe-like, mortar-washed concrete block (instead of the wood plank, cedar shingles or brick of other regions), and the desert flora.

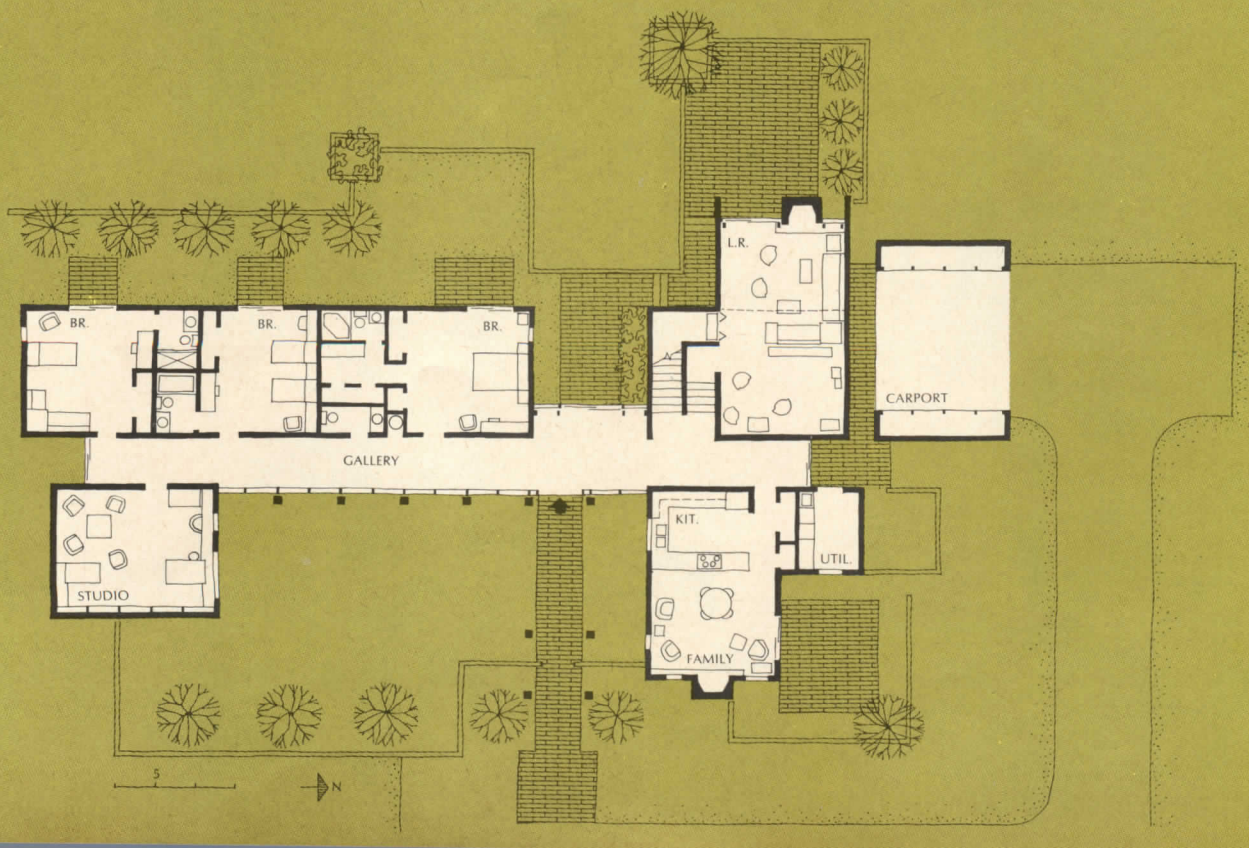
It is a quite sophisticated, contemporary house, with privacy and space well organized for a family of four. And, over-all, the design has considerable sensitivity and verve—with one small lapse at the entrance, where some columns and panel doors salvaged from several razed buildings have been added, and which are rather out of scale and character with the freshness of the design. It is certainly one of the more interesting of the newer houses in Arizona.

In planning the house for his own family, Bennie Gonzales comments that, "materials and the form of construction were chosen for their suitability to the climatic and cultural aspects of the region. Set in virgin desert, and buffered with a series of 'green' patios, the house is oriented inwardly, yet opened to the west for the extraordinary desert sunset."

Architect: Bennie M. Gonzales, 4038 West Van Buren, Phoenix, Arizona. Owners: *Mr. and Mrs. Bennie M. Gonzales;* engineer: *William Meier;* consultant: *Richard Joachim;* contractor: *Frank Gonzales.*



Bill Sears photos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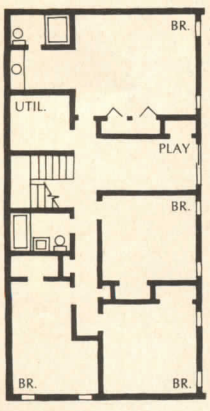
Neil Koppes photo

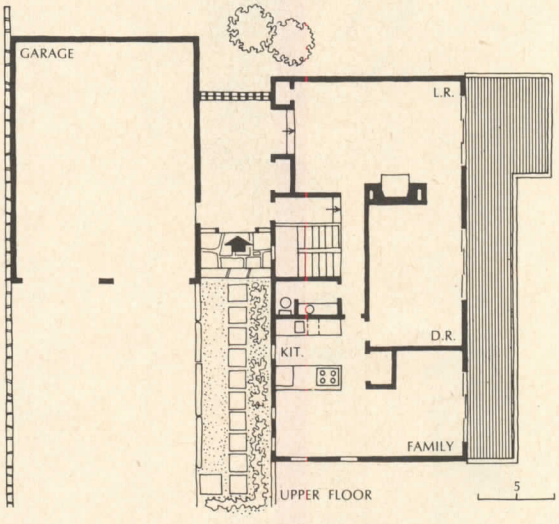
Neil Koppes photo

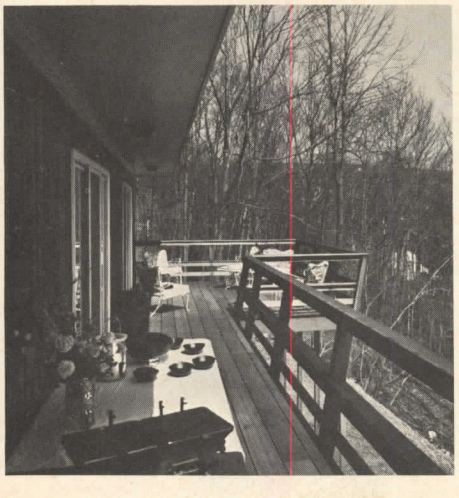
A variety of pleasant, comfortable spaces are provided throughout the house. And it fulfills Gonzales' own program quite well: "Because this residence had to provide privacy for both small and large groups, the rooms are isolated so that various activities need not interfere with each other. The separate portions of the house are clustered as if independent units of a self-sufficient nature. The more or less public areas are comprised of the two-level living area (with a dining mezzanine serviced by a dumb waiter); a study which can serve for conferences with architectural clients; and a generous gallery, which serves both as hallway and as a spacious area for large numbers of guests in 'party conversation' or at small tables for luncheon. Guests seemingly have access to the whole house, yet younger members of the family can retire to their own quarters. The bedrooms are self-contained, and have sliding glass doors offering a generous view of the desert over an expanse of green. The kitchen is a sort of keeping room, and is spacious enough for leisurely breakfast or lunch."

DEVELOPMENT HOUSE
MORRIS TOWNSHIP
NEW JERSEY



LOWER FLOOR





Pyramidal, skylight-capped roofs of ceda shingle characterize the design of this de velopment house, whose location belov the level of the road on a steeply slopin hillside throws the roof into unusua prominence. As you look down on th house from the approach road, th broad, sheltering sweep of these roof with their horizontal, white eaves an ridged "topknots" give a faintly orienta impression, which is confirmed by th Japanese landscaping of the site, partic ularly the sheltered garden outside th living room.

The main entrance to the house via a small link building—in between th garage and the main pavilion—whic forms an attractive separate foyer wit access to the garage, the living room an the stairs to the lower floor. The uppe floor contains living room, dining room family room and bathroom, while th bedrooms and children's playroom ar on the lower level. The living room lead through to a spacious sundeck overlook ing the New Jersey countryside. The in terior of the house functions well off th stairway connecting the upper and lowe levels, which is dramatized by the sky light above it. Ceilings in the living area follow the line of the roof giving extr height and vitality to these rooms. Th use of plywood walls in the living area serves as an effective contrast to the high white ceilings so that both materials ar shown to great advantage. The exterio siding and roof shingles are gray cedar.

The plan of the house is such that allows considerable flexibility of use an could be adapted to the needs of man different kinds of family. A sale price o $53,000 is quoted.

Architect: Delnoce Whitney Goubert, 82 Madison Avenue, New York, New York. En gineers: *Aurnhammer Associates;* contracto *F. H. Taylor & Son, Inc.—Robert Kampf, dire tor of building operation;* landscape arch tect: *Dubrow Nurseries.*

oseph W. Molitor photos.

WELCH HOUSE HARVARD MASSACHUSETTS

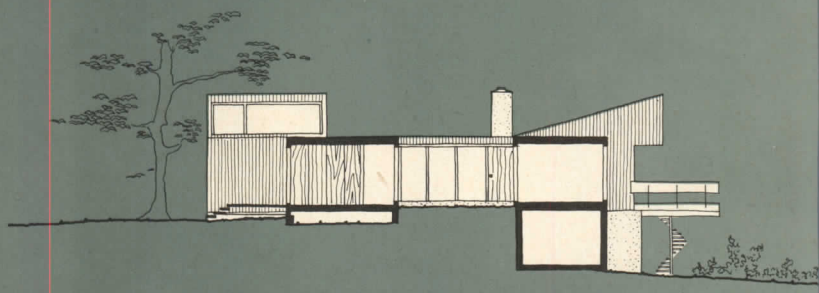
Four hooded, "directional" pavilions around an open court form an ingenious concept for a New England country house. The tract is a large one, where views abound of woods, valleys and distant mountains; the directional room idea gives each room its own different focus of view, and the central court adds a contrasting area of secluded privacy and intimacy.

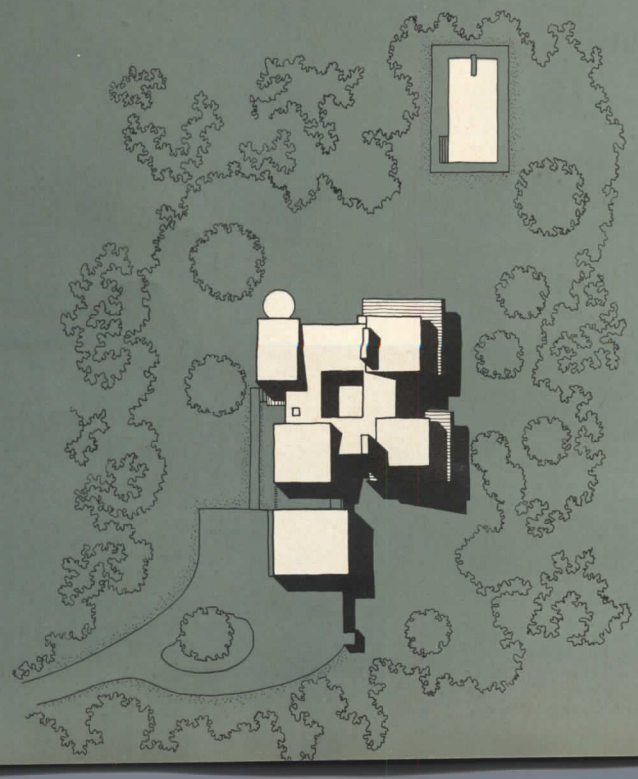
The success of this, as with most of Flansburgh's houses, in large part derives from his stand that "no house can have more than one big design idea—and perhaps a single subsidiary accent." Here, all materials, finishes and details serve to emphasize the directional pavilion concept; the minor accent (extension up or out of chimneys and drains) serves to add depth to the main idea in terms of shade and shadow, as does the extension of the hooded roofs over the main rooms. All the major design elements are emphasized in rough, textured pine siding, edged with smooth wood trim. It all adds up to lively, but cohesive, three-dimensional architecture.

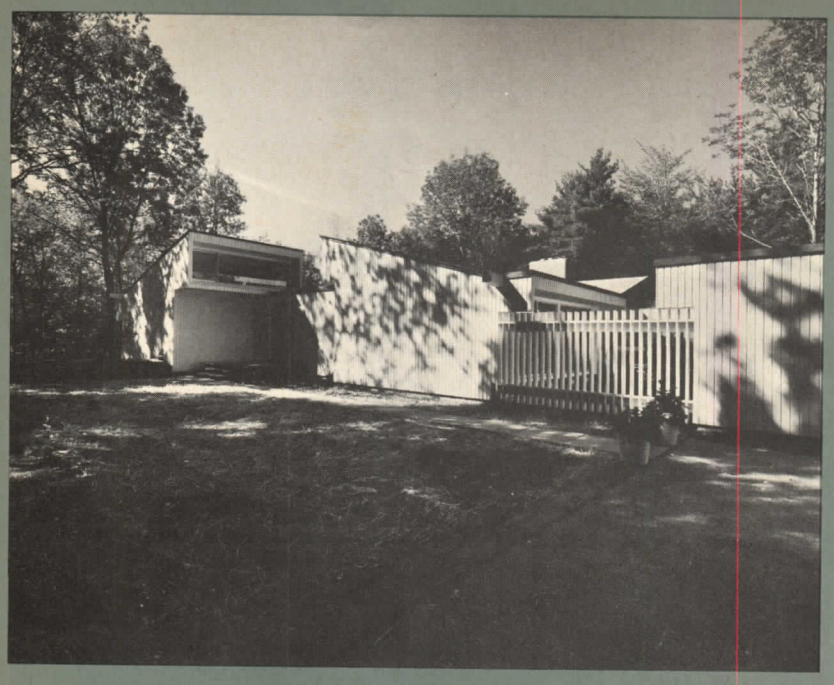
Although the entire site is a beautiful one, the most spectacular views were to the west toward the New Hampshire and Massachusetts mountains. To emphasize them, the owner very carefully cleared a vista through the woods when the final location of the house was determined. The principal daytime living areas were, in consequence, oriented in this direction: living room, dining room, kitchen, lower-level shop and guest-room all have this major view.

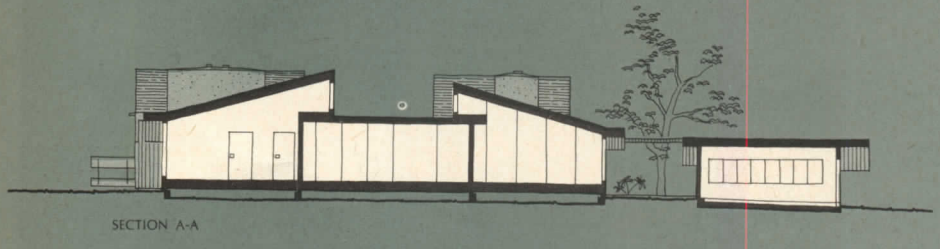
Architect: Earl R. Flansburgh & Associates, 119 Mount Auburn Street, Cambridge, Massachusetts. Design team: *Earl R. Flansburgh* and *Robert Pillsbury;* **Owners: *Mr. and Mrs. E. Sohier Welch;*** heating engineers: *Francis Associates, Inc.;* structural engineers: *Souza & True;* contractor: *Kurt Fuchs Company;* landscape architect: *Ann Eddison Brainerd;* interior designer: *Earl R. Flansburgh & Associates.*

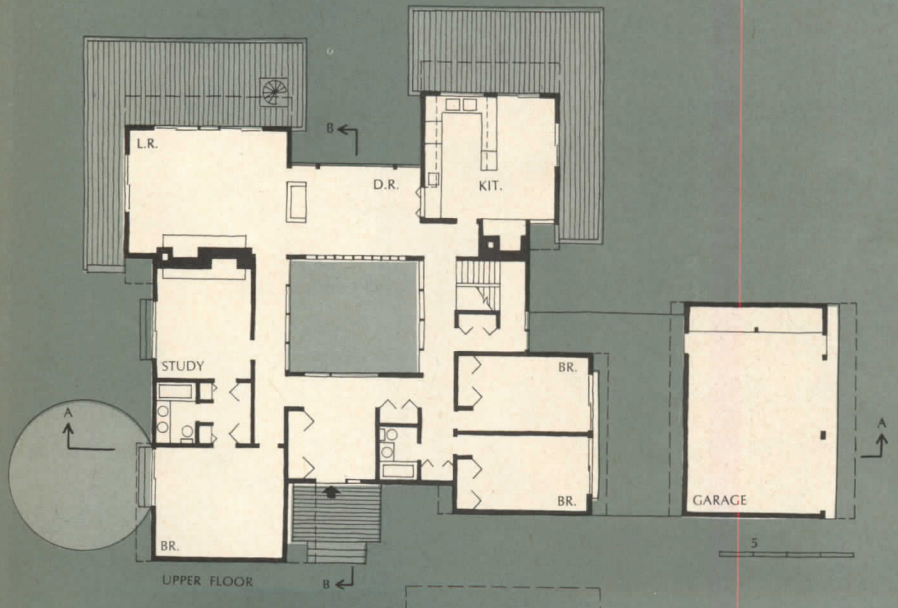
Louis Reens photos

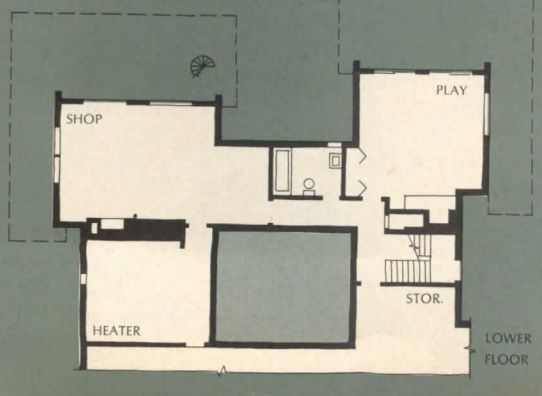








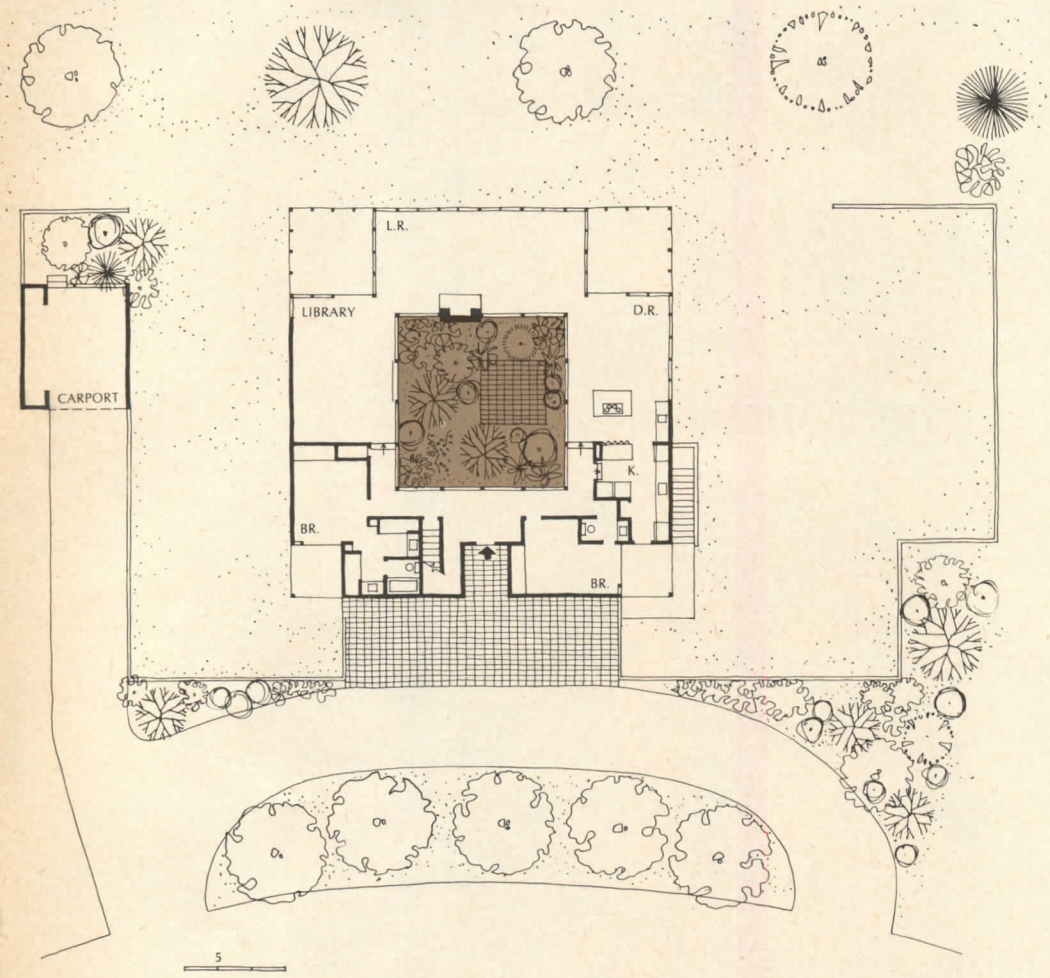




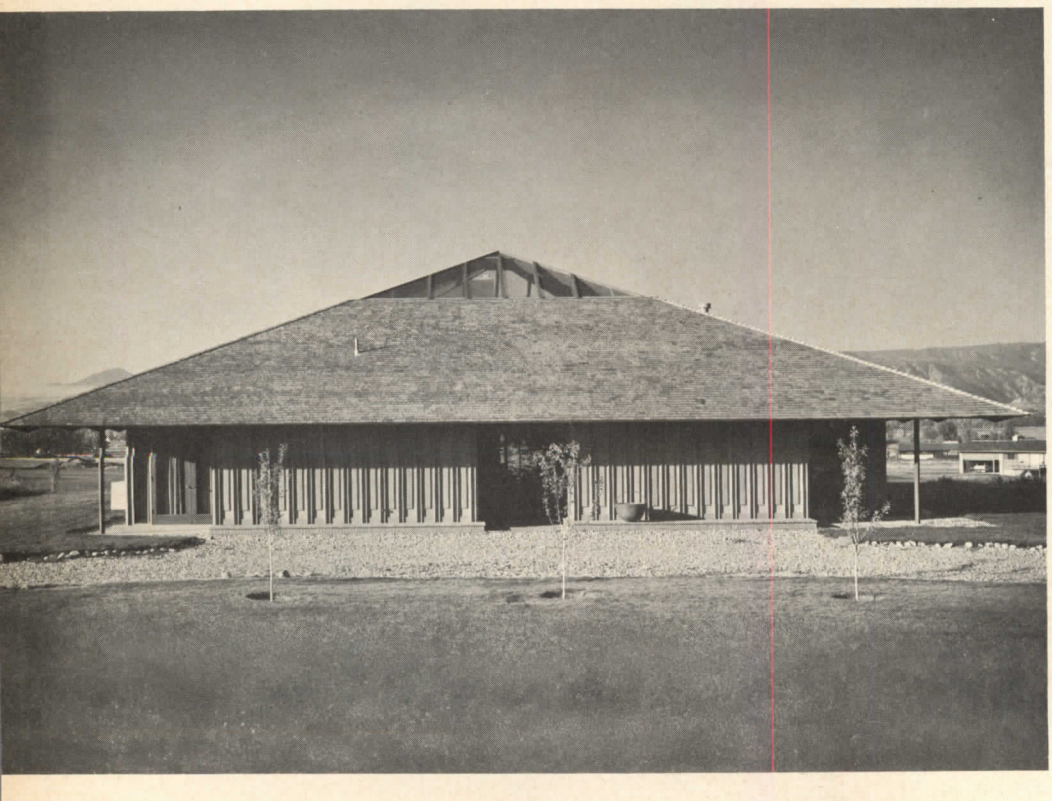
Spirited spatial variety pervades the interiors of the Welch house as well as the outside. The program was a fairly familiar one, requiring several easily adaptable spaces: provision for a couple with four children (two in high school, still at home and two away from home, but who are occasional visitors with their families). There had to be spaces suitable for occasional large gatherings, and for the many evenings when only the two parents would be at home. This was all worked out in a very comfortable, well-zoned scheme, which gives all members of the family a good deal of privacy.

Four areas of the house were singled out for major design expression: the living room, the two children's bedrooms, the kitchen, and the master bedroom. These were then linked by flat-roofed "transition" areas: dining room, stairway to the basement, the entrance hall, and the study (regarded as a "transition" from the public nature of the living room to the private nature of the master bedroom). All interiors are white-painted plaster, with floors of white oak in living areas, vinyl in kitchen and lower level rooms, and unglazed tile in baths. The kitchen and baths have plastic skylights in shingle or tar-and-gravel roofs.

WAGENER HOUSE BOULDER COLORADO



Norman McGrath



Hobart Wagener decided to compensate for the arid Colorado climate by planning his own house around an interior garden —beneath a 24-foot-square skylight. The result, as he describes it, is a rather "special environment where vines rather than walls are used to separate living areas." Although it will take some time for the plants to mature, the Wageners have been surprised by the rapid rate of growth. Within a one-year period, they already have 9-foot-tall poinsettas, many kinds of ferns and evergreens, as well as grapefruit, lemon and banana trees—in fact many of the features of a tropical garden.

In a further effort to counteract the effects of the rather barren countryside, Wagener has planned enclosed exterior spaces around the house. The landscaping is not yet complete, but is shown on the site plan, left. The fencing around the greater part of the property will be made of redwood-patterned-battens over cedar plywood to match the exterior wood surface of the house, and will in fact form an integral part of the front facade—considerably modifying the appearance.

The main living, kitchen and bedroom areas are disposed around the garden on the ground floor, but a balcony over the kitchen and bedroom areas provides two additional bedrooms, a bathroom and a study for the two teen-aged children. A partial basement is included beneath the kitchen-dining room area.

The closed-in front or street facade is in sharp contrast to the back of the house where glass walls open to a view of an adjacent golf course to the south and west, with the Rocky mountains in the background. The deep, sheltering roof provides physical and psychological protection in a climate of extremes.

Architect: Hobart D. Wagener, 900 28th Street, Boulder, Colorado. Owners: *Mr. and Mrs. Hobart D. Wagener;* structural engineer: *W. B. Johnson;* contractor: *R. G. Grayson Construction Company.*

ush J. McCoy

Norman McGrath photos

he roof structure is as dramatic a feature side the Wagener house as it is of the terior. The simple, symmetrical composition of laminated wood beams and dar decking is complemented by the ire-glass skylight area and the glass alls on the southern and western exosures.

The kitchen (left) is divided into two eas, which can be separated by means an oak folding door. In this way, the essy area can be closed off during eal-times, leaving the diners with a ew of the rather attractive free-standing nge and, as Hobart Wagener puts it, he visually interesting part of food eparation."

The garden, which naturally enough the main focus of the living areas, has own central focus in the form of a ick island which makes an excellent se for sculpture, pottery or any kind of rden feature. A stone slab path leads rough the garden to the island.

Furnishings are deliberately simple d elegant to avoid any conflict with e strongly articulated structure and an of the building.

Gas-fired, forced-air heating and regerated cooling make for a comfortle environment at all seasons of the ar. Cost was about $50,000.

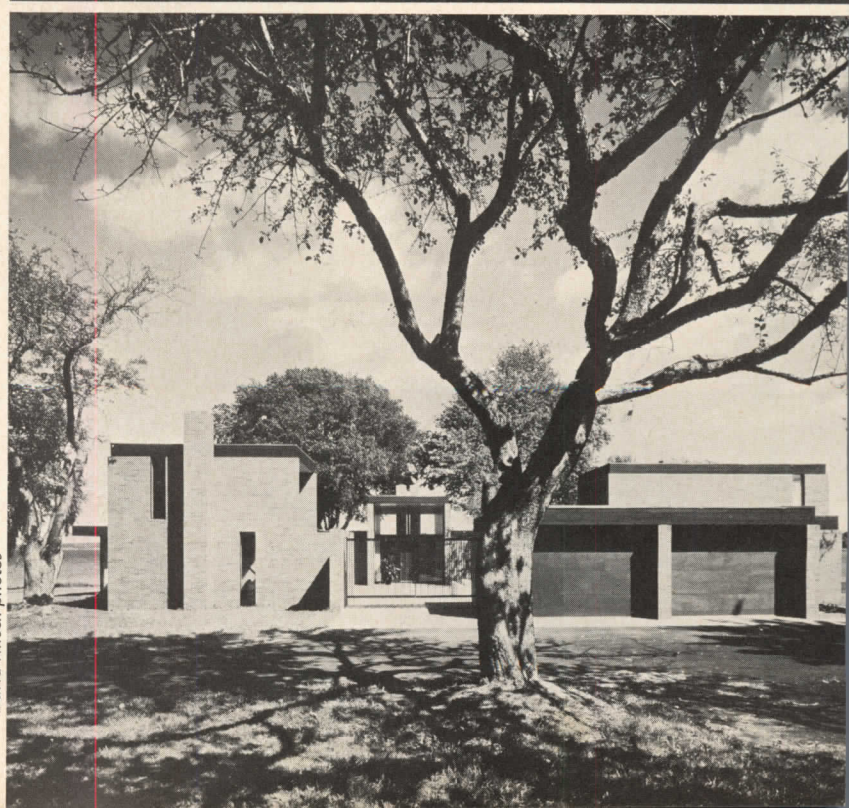
ROUSE HOUSE CLAYTON NEW YORK

A very significant design in the current trend away from "four-square", rectangular plans, this house (though formed of flat-roofed room cubes) disposes rooms in a rather free, stepped arrangement to take the best possible advantage of the surrounding views. Interior spaces are handled with an equally free hand; ceilings are high (orange rectangles on plan) or low to suit each room's function and to provide spatial variety and some fairly dramatic clerestory lighting. The resulting interplay of cubist shapes is emphasized on the exterior by the strong lines of the dark-brown stained-wood roof fascias and doors, as well as dark-bronze anodized window frames—all of which stand out against the lighter brick.

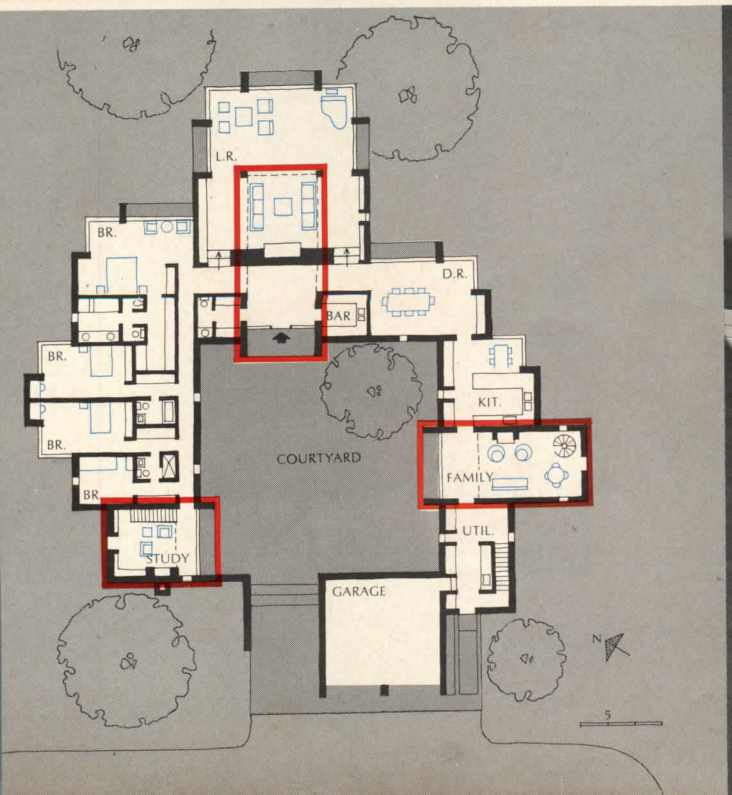
As a sort of anchor for the bold stepping out of rooms around the perimeter of the house, the core of the plan is formed of a fairly rigid, square entrance court. The architect describes his concept of the courtyard, which forms a delightful point of arrival at the house, as a "transitional entry space from the grander scale of the landscape to the interior scale of the house, which provides a controlled and private outdoor living space protected from the river, and also gives visual interest for the three high elements of the house."

The river site is a beautiful one, with a panoramic view of the seasonally active Thousand Islands and the St. Lawrence Seaway. This new house occupies the spot originally occupied by an older main house of a small summer estate; the original guest houses, garages, boat dock and trees remain on the site.

Architect: Richard R. Moger, 251 East 32 Street, New York, New York. Associate architect: *Arthur Lutzker;* owners: *Mr. and Mrs. Henry W. Rouse;* electro-mechanical engineers: *Thomas Polise and William Kaplan;* structural engineer: *Bernard Marson;* contractor: *Rouse Construction Corp.;* interior designers: *Richard and Beatrice Moger.*



David Hirsch photos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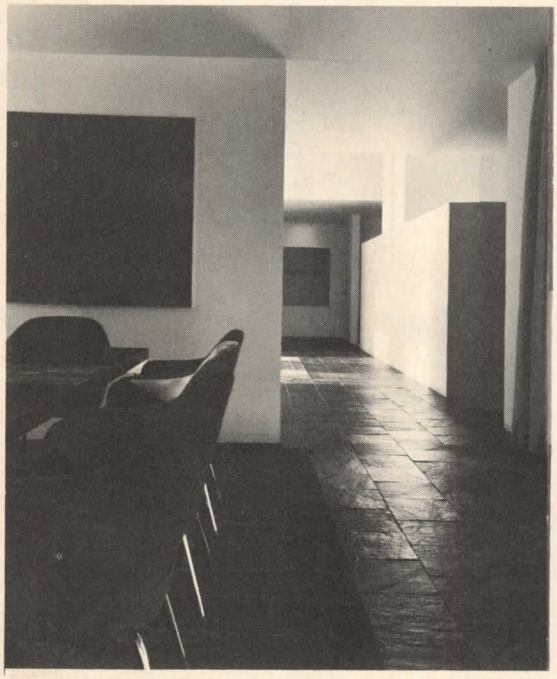
An air of great serenity and spaciousness pervades the interiors of the Rouse house. Light, shadow, skillful fenestration and views all play their part, as do the quiet interior finishes: white-plaster walls (except for natural oak boarding in the study), and most floors of cleft black slate. The corner windows and other large openings are recessed, creating overhangs on the exterior, and forming niches for built-ins on the interior. Thus, the built-ins do not project into the rooms, and, along with the use of area rugs to define main furnishing areas, add to the uncluttered, spacious look of the rooms.

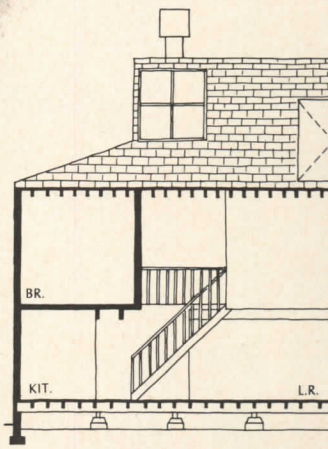
The plan is divided into three basic zones: one for nighttime family use

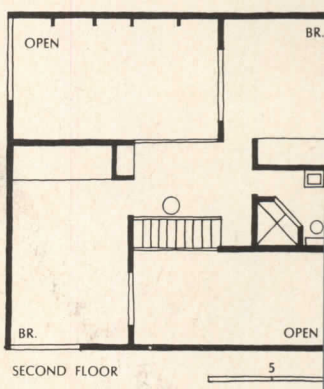


(bedrooms, baths and study); one for informal daytime living (family room, recreational balcony, kitchen and laundry); and the third for entertaining and formal family living (living room, dining room, bar and powder room).

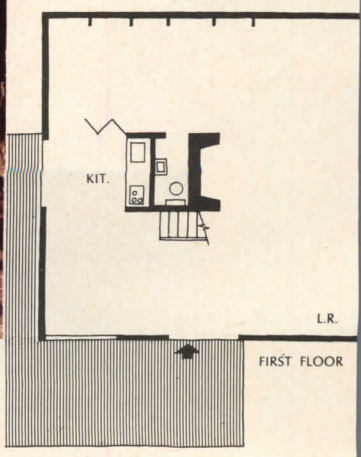
The living room *(right)* is entered on either side of a fireplace, two steps down from the entrance level. A full view of the river is seen through a continuous glass wall of the surrounding "porch".

Morley Baer photos





SECOND FLOOR



FIRST FLOOR

KARAS HOUSE MONTEREY CALIFORNIA

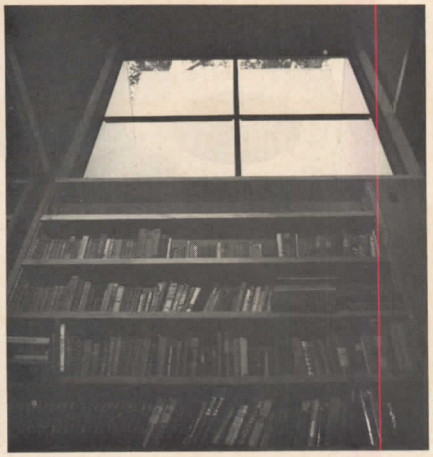
A three-story-high vertical living space transforms this simple-appearing, shingle-clad house into quarters for a very relaxed way of life. The architects state that "the owners had tired of their large conventional house, and were anxious to spend their limited budget on the excitement usually associated with a vacation house, rather than on the fixtures and appliances ordinarily expected in a house for year-round living." The resulting house thus minimizes "service" aspects (there is a wall-kitchen), and concentrates on a riot of color, space, comfort, books, music, and a balcony which serves as a quiet sitting nook, and occasionally as a stage for theatricals and a place to hold a band for parties.

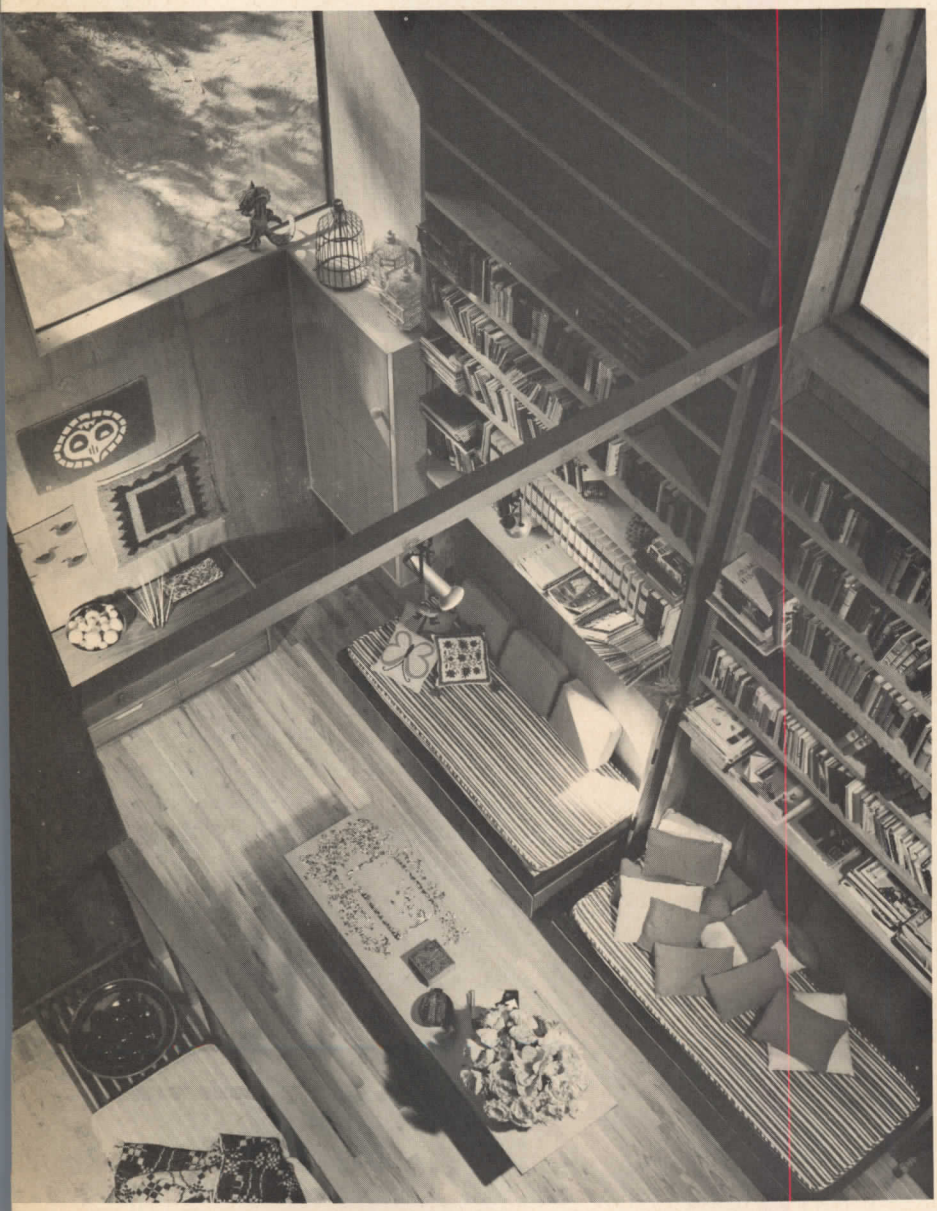
The site is also very adaptable to a casual way of life: the land is in a new subdivision in a pine forest, slopes upward from the street, and looks out over Monterey Bay. Windows are carefully placed throughout the house, and in all levels, to overlook the various vistas.

The owners, Mr. and Mrs. Karas, are a couple whose children are almost grown; only one daughter remains at home. Thus "zoning" was not as important as in a house for a larger family; living space, in effect runs throughout the house, wheeling around the little service core on the first floor, and rising to the high shed roof. There are two principal bedrooms and a bath on the second level; on the third level is a loft, reached by a ladder, for visiting children.

Materials throughout the house are simple and easy to keep. The frame is wood studs, joists and rafters—many of them left exposed. Finished interior walls are redwood plywood (except for plasterboard in the baths).

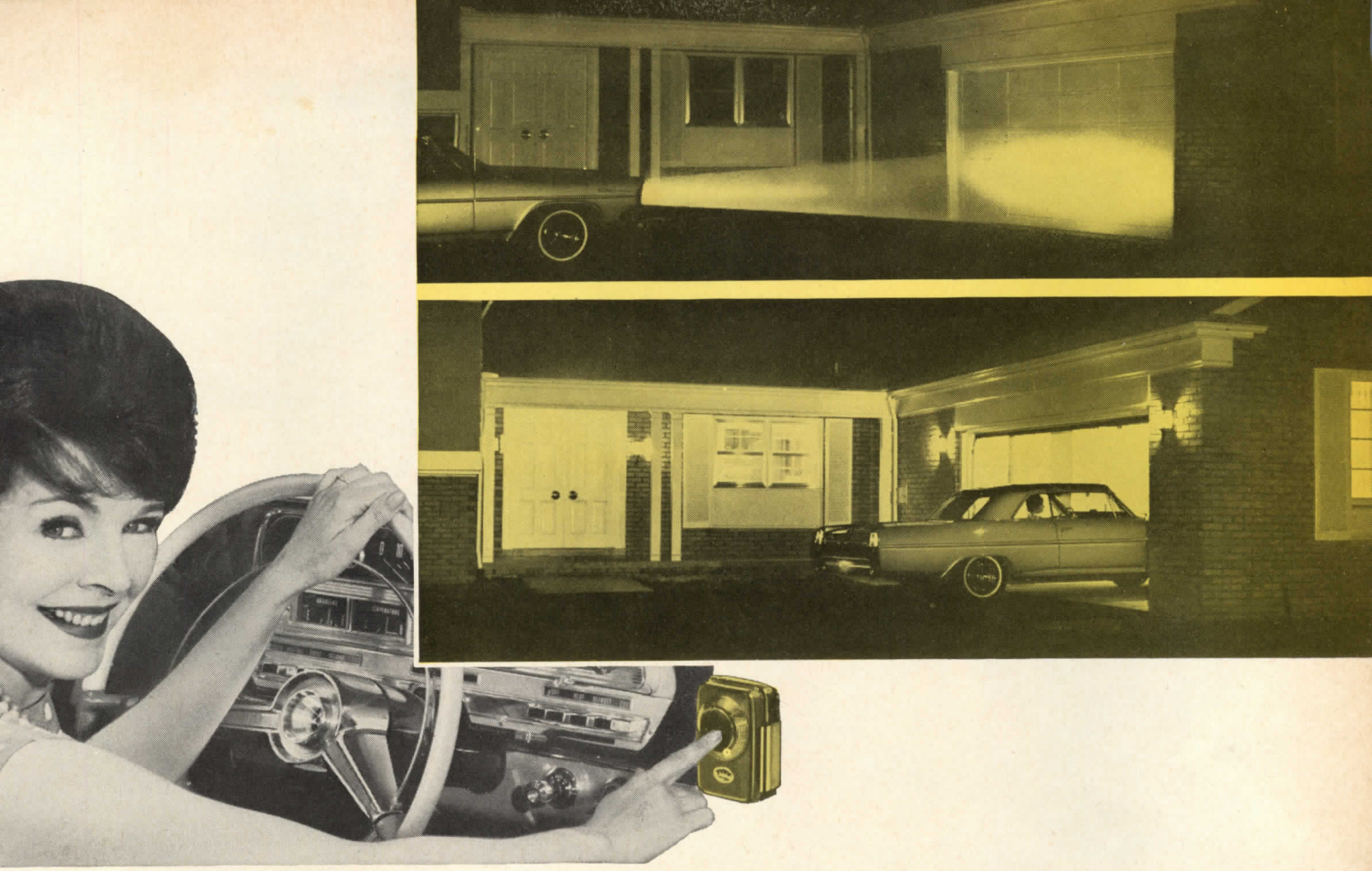
Architects: Charles W. Moore and William Turnbull, Jr. of MLTW/Moore Turnbull, 1001 Heinz Avenue, Berkeley, California. Owners: *Mr. and Mrs. Sam Karas;* engineer: *Patrick Morreau of Davis & Morreau Associated;* contractor: *Douglas S. Chandler.*





A "sun scoop" is employed in the Karas house to gain extra light on the pine-forested site, which is often foggy and sunless. Over one of the larger, upper windows in the living space, a "white baffle with an enormous yellow sun painted on it is enlisted to bounce south light into the house and to warm up the atmosphere within to a surprising degree", according to the architects. Interior and exterior views of the baffle can be seen in the two photos (upper left).

A lower-ceilinged portion of the first floor living area is dominated by a large fireplace (below), which was cast in sand on the floor of the house by the contractor. This area has been treated as a smaller, cozier retreat, as contrasted with the taller reaches of other parts of the room. The furnishings of the house, many of which are built-in, are simple and sturdy, and rely for effect on bright splashes of color and a liberal sprinkling of handcraft accessories. As its original program has intended, the house does lend itself to a sort of perpetual vacation life—and in a remarkable and very different way.



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Nobody really needs an automobile; we could all get around on bicycles and public transportation. But, our friend, the public, spends $54 billion a year for the convenience of using a car. Nobody needs a double garage but, when 10,000 home-owners were surveyed, more than half rated it the most-wanted convenience in their next home, giving it even higher priority than an additional bath, built-in appliances or an entrance foyer.

And, of course, nobody really needs an electric garage door operator, although the garage door is the largest item of moving equipment in the entire home and the only one that requires the user to go outdoors in any weather, day or night. Unless, of course, it happens to be equipped with a power operator.

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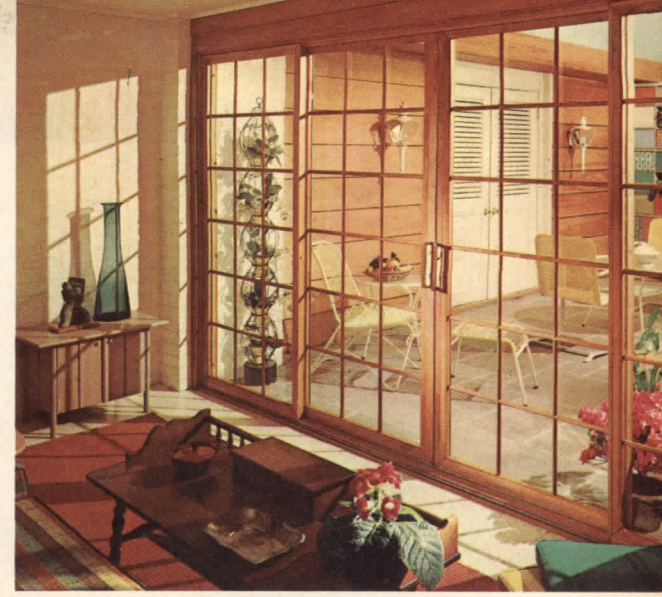

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NEW PRODUCTS FOR THE HOUSE

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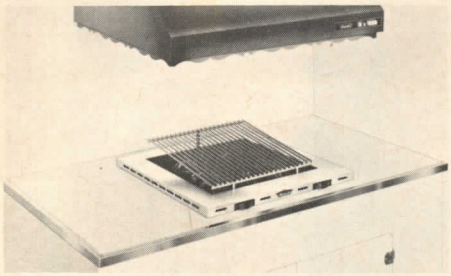
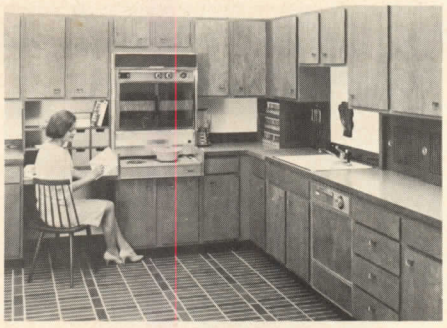


KITCHEN BARBEQUE / A compact grill that may be installed in standard wood or metal kitchen cabinets, or in masonry, is directed to apartment, small residential and summer-home installation. All controls for the 17,500-BTU burner are recessed into the front of the top rim for working height accessibility. ▪ Majestic Company, Huntington, Ind.

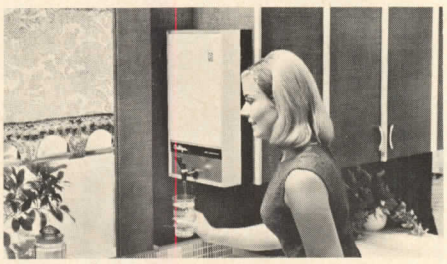
Circle 300 on inquiry card

KITCHEN CABINETS / *Spacecraft* cabinets are available in combinations to include lazy susan corner cabinets, 84-in.-high utility cabinet, built-in conveniences such as pop-up mixer shelf, vegetable drawer, tray rack, towel rack and hardwood cutting board mounted above the



top drawer. ▪ International Paper Co., Portland, Ore.

Circle 301 on inquiry card



WATER PURIFIER / A small, thin device measuring less than 1 ft by 2 ft will purify 3 gal of water a day. The *Aqua I Water Purifier* will fit on or under a standard kitchen wall cabinet or on a wall. It requires no electrical connections. Says the manufacturer: a plastic membrane rejects cloudiness, sediment, dissolved minerals, organic matter, detergents, bad taste, odors, and offensive colors when water is forced through by its own pressure. ▪ Culligan Inc., Northbrook, Ill.

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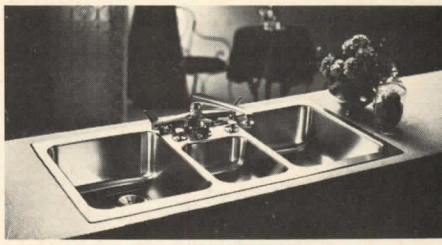

KITCHEN SINK / This three-bowl stainless steel sink comes in a variety of sizes. The center compartment may contain the disposer. Remote control drains permit emptying bowls at a finger's touch. ▪ Elkay Mfg. Co., Broadview, Ill.

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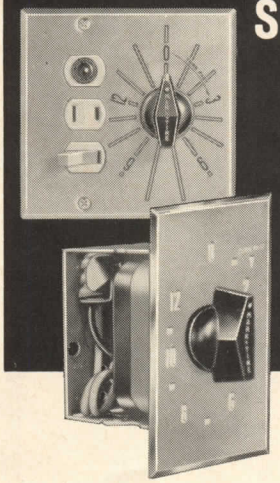

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BUILT-IN EXHAUST RANGE / A ventilation system, built into the range, pulls cooking moisture, smoke, and odors into a grille in the center of the range and exhausts them outdoors. The overhead hood is eliminated, noise is reduced, and odors are removed close to the source. ▪ Jenn-Air Corporation, Indianapolis, Ind.

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ENTERTAINING UNIT / Unit contains countertop heating units and stainless sink, with refrigerator and ice maker under the counter and additional storage space under the bar. The ductless hood is suspended from the cabinets. Bar top, counter top and backsplash are tiled. ▪ Wenczel Tile Company, Trenton, N.J.

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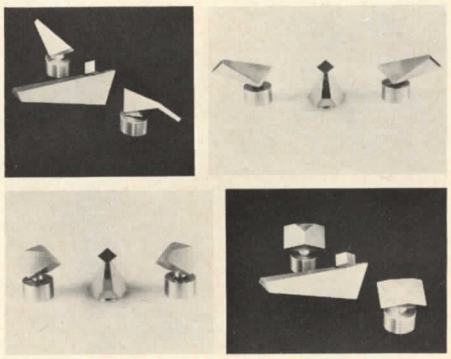

HARDWARE / Faucet sets in 24-carat gold-plate, brushed chrome and pewter finish are forerunners of a complete line of hardware in modern art forms, to include door knobs, drawer pulls, and other fixtures. Faucet shown in the upper two pictures, *Dimensions,* has a lever handle and one in the lower two pictures, *Tangents,* has a knob handle. ▪ Sherle Wagner, Inc., New York, N.Y.

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BATHROOM / Bathrooms, molded of Fiberglas-reinforced plastic consist of one or more units each of which is formed from two "snap-together" sections. Floors, ceilings, counters, basins, cabinets and lighting fixtures are molded of *Fiberglas* and seams are eliminated. The low thermal conductivity keeps bath water warm longer and makes all surfaces warm to the touch. High strength minimizes chipping. ▪ Owens-Corning Fiberglas Corporation, New York, N.Y.

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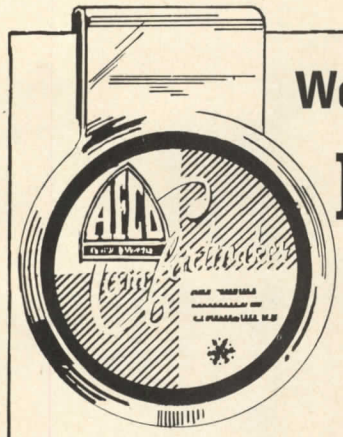
more products on page 120



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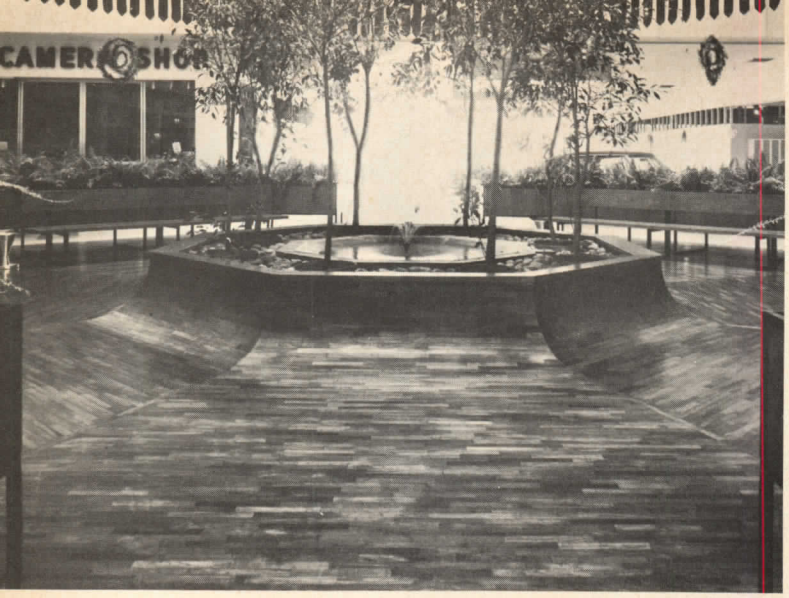

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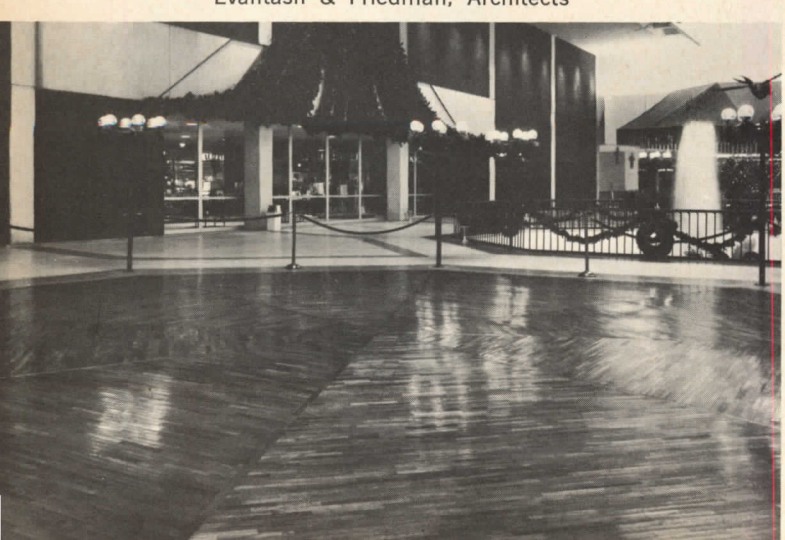

continued from page 119

CORNER BATHROOM CABINET / The *Cornaire* has been designed for use with large vanity bases and double sink installations to take advantage of corners. The unit is recommended by the manufacturer for small bathrooms because of the storage space it provides and the illusion of spaciousness provided by the mirrored surfaces. ▪ Triangle Products, Inc., Chicago.

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LIGHT SHELF / The *Stylite* is a compact shelf unit that adds a decorative touch to kitchens, dens, and game rooms. The fluorescent fixture provides diffused interior illumination. ▪ Sylvania Electric Products Inc., New York, N.Y.

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PATIO DOOR / *Insul-Dor* is reported to allow 81 per cent less air infiltration than the established standard. *Polypropylene* pile has been added at points of potential leakage and a vinyl insert for the sill helps prevent "wicking" of water. Wood members are reinforced by recessed metal which promises continued alignment, proper seal and easy operation. ▪ R.O.W. Window Sales Co., Ferndale, Mich.

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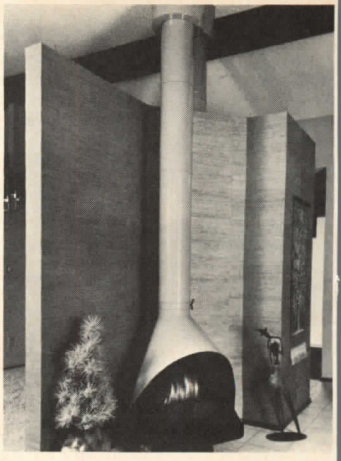

FIREPLACES / This is one of many designs of colorful, free-standing fireplaces that fit a variety of interior design schemes. For example, some may be used as free-standing floor units or with wall brackets for mid-wall suspension. Units may burn gas—ceramic logs furnished—or wood. Others may be installed within 5 in. of combustible walls, taking a small amount of floor space. ▪ Condon-King Company, Inc., Seattle.

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ELEVATOR / This space-saving home unit (37 in. by 38 in.) operates on regular household power. Cab has woodgrained walls, walnut door, color-coordinated nylon carpet and soft diffused lighting. ▪ Dover Corp., Memphis, Tenn.

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more products on page 123

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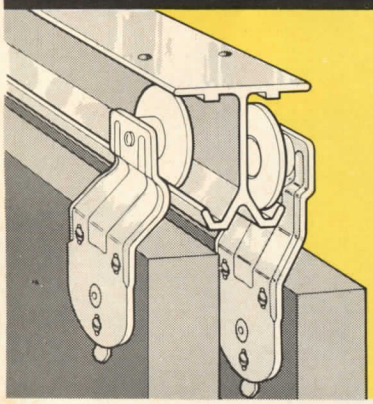
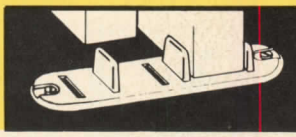


OT-200 Adjustable SLIDING DOOR HARDWARE



Selling-features include ease-of-installation—easier leveling adjustment on each hanger. Lifetime plastic wheels with built-in lubrication for smooth, quiet-rolling doors. Extra sturdy aluminum track for positive protection against wheels jumping the track. Adjustable door guides install as one unit.

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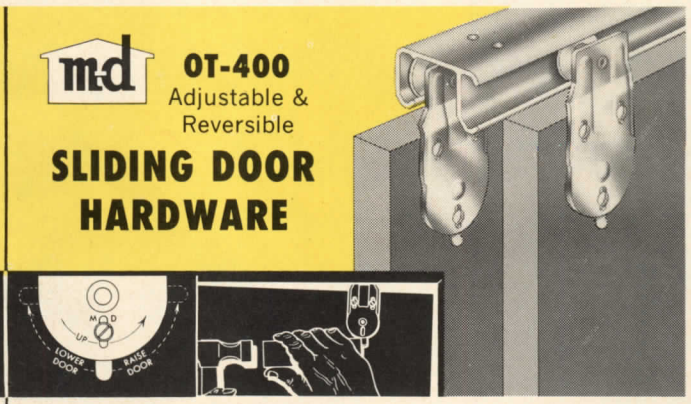

Show customers how easily doors are straightened after they are hung on track, using only hammer and block to tap adjustment arms on hangers. Point out reversible feature of using hangers for either ¾" or 1⅜" doors just by reversing their position. Packaged complete with everything needed for installation.

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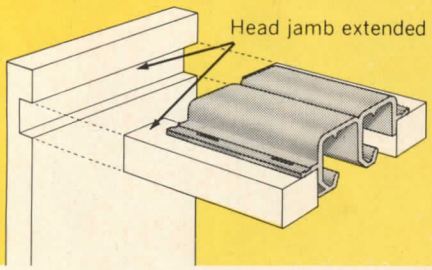

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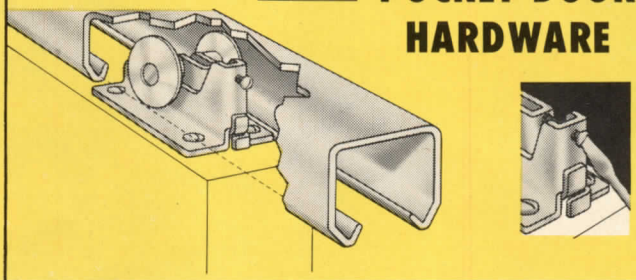

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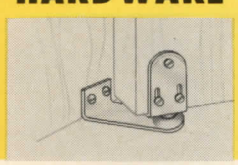

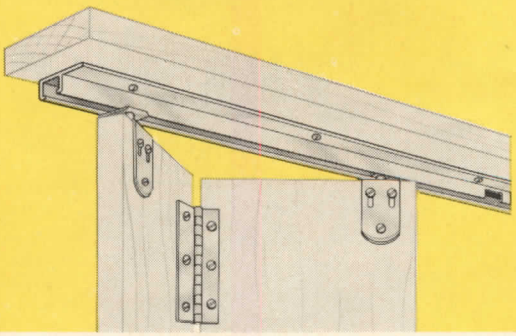

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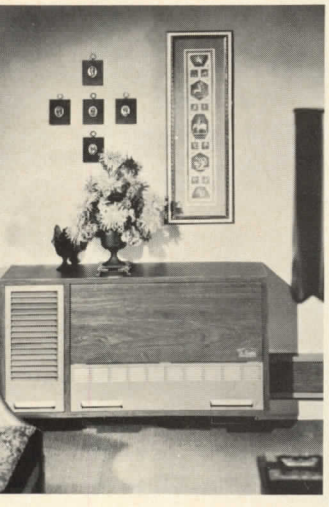
For more data, circle 29 on inquiry card

continued from page 120

WALL COVERINGS / Vinyl fabric wallcoverings come in unusual designs for many rooms of the home. Shown is *Media*, red-yellow-orange flowers on a shiny gold surface or bold yellows on silver. The companion pattern is *Stripe* in gold and white or silver and white. Matching fabrics are available. ▪ Columbus Coated Fabrics Co., Columbus, Ohio.

Circle 313 on inquiry card

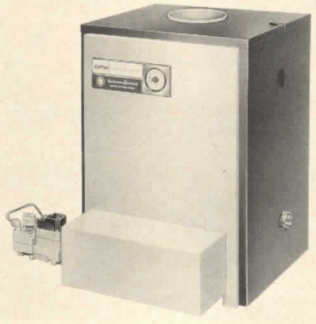


FURNACE / The *Classic-Aire* is a wall-mounted direct-vent gas furnace with baseboard warm-air channels which permit peripheral and multi-room heating. The baseboard extensions may be used in varying lengths. Accessory hardware allows through-the-wall installations that direct air to adjoining rooms and/or peripheral room heat. Venting is direct to the outside. ▪ Empire Stove Co., Belleville, Ill.

Circle 314 on inquiry card

GAS-FIRED BOILERS / A new line of residential units has 20 per cent increased input capacities which allow greater output ratings while reducing boiler dimensions, compared to residential boilers previously marketed, according to the manufacturer. Available in nine sizes, the boilers range in output capacity from 60,000 Btu/h to 300,000 Btu/h in 30,000 Btu/h increments. ▪ Crane Co., Chicago.

Circle 315 on inquiry card



BOILER / This *GPH* gas-fired boiler is only 27¾ in. high and takes up less than 3½ sq ft of floor area. It may be installed in a closet or under a stairway. The unit is said to produce A.G.A. approved outputs that cover the bulk of the residential market—60,000 to 170,000 Btu/hr. All controls are factory-mounted and pre-wired. The air separator is built-in. ▪ American-Standard, New York, N.Y.

Circle 316 on inquiry card

HUMIDIFIER / This portable, lightweight humidifier, 26 in. high, 12 in. deep, and 24 in. wide, adds water to air at the rate of 14 gallons per 24-hour period at high fan speed. The full-width louvered front doors swing wide for easy filling. A 10-gallon capacity polypropylene water reservoir is said to be rustproof. ▪ Ebco Manufacturing Co., Columbus, Ohio.

Circle 317 on inquiry card

more products on page 124

For more data, circle 30 on inquiry card ▸

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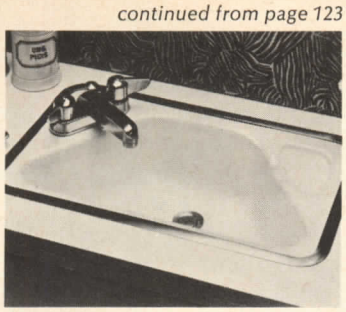
continued from page 123

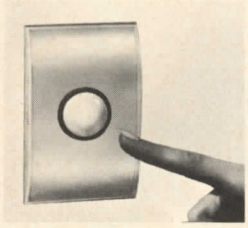


COUNTER TOP LAVATORY / Rectangular 20-in. by 12-in. unit is ideal for narrow counter installation. The enameled cast iron counter top has left or right end centerset fitting and integral soap dish with drain. ▪ Universal-Rundle Corporation, New Castle, Pa.

Circle 318 on inquiry card

SINK FITTINGS / Pre-assembled cast brass plumbing fittings have corrugated tubing that can be bent to fit any sink drilling from 8-in. to 15-in. centers. There is no measuring and cutting. Handles may be of lustrous chrome or clear diamond-cut *Lucite*. ▪ Price Pfister Brass Manufacturing Co., Pacoima, Calif.

Circle 319 on inquiry card



PUSH-BUTTON LIGHTING / With *Tap-Lite* switches lights can be turned on or off with a touch of a finger—or when hands are full, a tap of the elbow. The wall plate is of clear acrylic plastic and may have a soft, gold insert which may be painted or covered with wall paper, cloth, or other material. There are no screws. ▪ Tap-Lite, Inc., Chelsea, Mass.

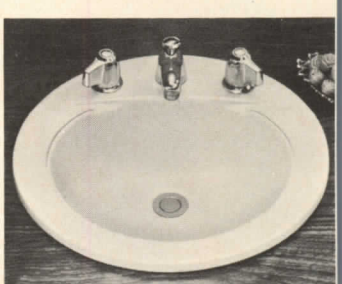
Circle 320 on inquiry card

WATER CLOSET TANK / The *Neu-Sahara* sweat-free tank is designed with a urethane liner "to end tank-wiping and floor-mopping." Even when temperature reaches 80 deg with 70 per cent humidity and when the tank water is near freezing there is no condensation on the tank. The liner will not separate or absorb water. ▪ Crane Company, Chicago.

Circle 321 on inquiry card

SANITARY SYSTEMS / The electrically operated *Monomatic* recirculating flush toilet may be installed in minutes or may be a portable unit. Its many uses include areas where conventional plumbing is impractical: vacation homes, basements, attics, spare rooms, guest cottages, and poolside dressing rooms. ▪ Monogram Industries, Inc., Los Angeles.

Circle 322 on inquiry card



CHINA LAVATORIES / This Denise vitreous china self-rimming lavatory, 18 in. round, features an anti-splash rim and concealed front overflow. It may be punched for 8-in. widespread brass fittings or 4-in. centerset fittings. Can be installed with metal frame. ▪ Eljer Plumbingware Division, Wallace-Murray Corporation, Pittsburgh.

Circle 323 on inquiry card

more products on page 126

For more data, circle 32 on inquiry card

hether part of the original design . . . or added later . . .
deck of Western Wood can be one of the most
easant aspects of a home's design . . . a very real expression
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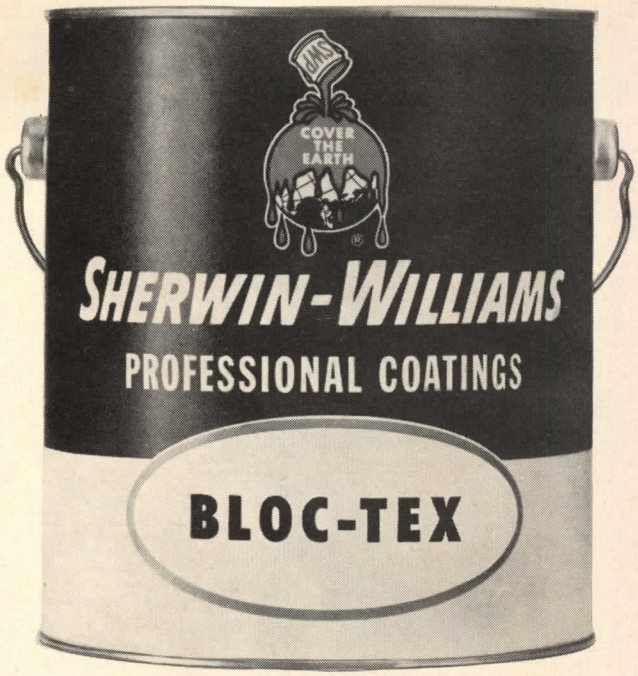
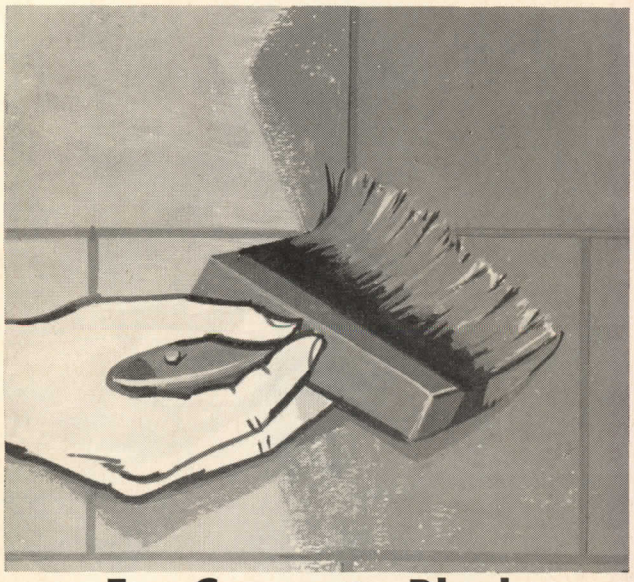


Perfect Filler



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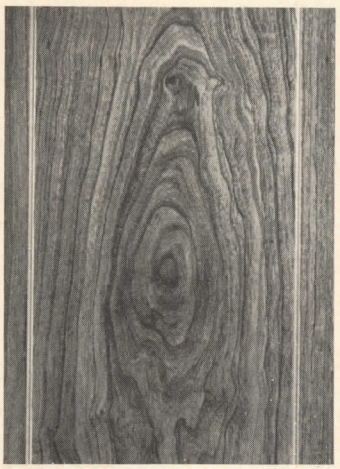
For more data, circle 33 on inquiry card

continued from page 124

SHUTTERS / These shutters are made of *United States Rubber Company Royalite,* a plastic that is coated with a fluoride film, and backed by cedar frames. Tests report that this type of shutter can go about 10 years without weathering. Maintenance means washing with a hose. ▪ Pax-Panel, Kansas City, Mo.

Circle 324 on inquiry card



PANELING / A wild cherry woodgrain has been added to the company's *Trendwood* line. Available in 16-in. by 8-ft random-grooved planks and 4-ft by 8-ft ungrooved panels, the ¼-in.-thick paneling can be applied with adhesive over existing or new framing. The material does not require periodic refinishing, may be damp-wiped clean. ▪ Marlite Paneling, Dover, Ohio.

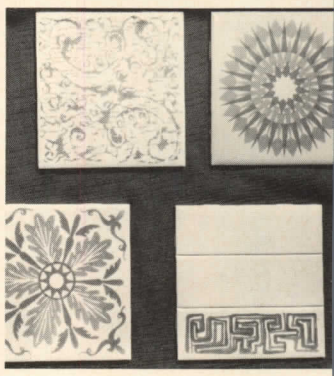
Circle 325 on inquiry card

WATER-BASED PAINT SYSTEM / Acrylic latex finishes are water-based semi-gloss paints for high humidity areas such as kitchens and bathrooms; for high-traffic areas; and for dados, baseboards, moldings and doors. The enamel is reported to dry rapidly, have no odor and have little tendency to yellow, crack, or peel. ▪ Rohm and Haas Company, Philadelphia.

Circle 326 on inquiry card

TILE / This vinyl asbestos tile has an embossed travertine pattern that is nondirectional and makes possible the installation of floors in a continuous pattern. The tile, which comes in four colors, is said to be greaseproof, stain and alkali resistant. ▪ Azrock Floor Products, San Antonio, Tex.

Circle 327 on inquiry card



TILES / Eleven decorated ceramic tile designs, ranging from Corinthian with a Mediterranean feeling to Aztec, suggest such uses as accent walls, kitchen backsplashes, inserts in a tub alcove, or a fireplace wall. Tiles are 4¼-in. squares in many color combinations. The background color can match, blend or contrast with surrounding wall tile. ▪ American Olean Tile Company, Lansdale, Pa.

Circle 328 on inquiry card

more products on page 128

laborate storage space, designed to hold linens, silver and china, roduces a fine furniture look in this serving area.

lassic dignity—rich walnut doors harmonize with richly tex-ured cabinets in Horizon Blue.

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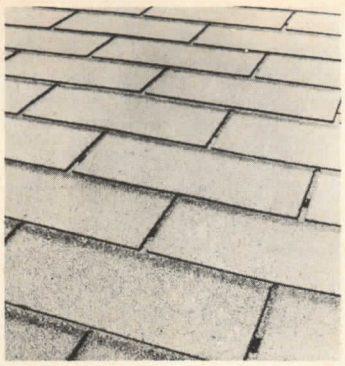
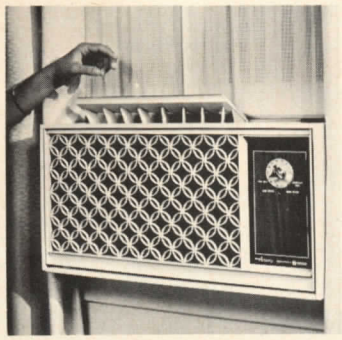


SHINGLES / Shingles contain a mineral granule possessing fungicidal and fungistatic properties. Available in light gray and white, the shingles are a 240-pound-per-square, self-sealing asphalt shingle. ▪ Allied Chemical, New York, N.Y.

Circle 329 on inquiry card

SIDING / Steel siding that is pre-finished with zinc and metallic chromate finishes and coated with fire-baked acrylic enamel has a 20-year guarantee. The surface which may be smooth or have an embossed grainpattern is reported to resist blistering, cracking, chipping, discoloring and denting. ▪ U. S. Aluminum Corp., Franklin Park, Ill.

Circle 330 on inquiry card

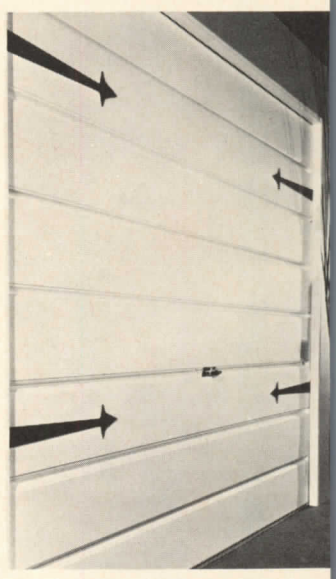


AIR CONDITIONERS / The *Tempette* series, designed for bedrooms, nurseries, and other areas where high-capacity cooling is not desired, features a top-discharge air door for positive air distribution. Styling includes Kashmir walnut control panel and dark-filter element with decorator grille. Other series offer solutions for a wide variety of problems. ▪ Airtemp Div., Chrysler Corp., Dayton, Ohio.

Circle 331 on inquiry card

SIDING / A vertical, vinyl siding resembling conventiona tongue and groove, is availa able for residential construc tion. The siding is a completely integrated system of all-white .045-in.-thick, vinyl compon ents which do not require paint and—it is reported—will not chip, dent, rust, wear away peel, support fire or conduc electricity. ▪ Monsanto Com pany, St. Louis, Mo.

Circle 332 on inquiry card



GARAGE DOOR / Deep hori zontal embossing on the stee panels of this door are re ported to increase its strengt and help dampen sound. A continuous hinge across th width of the door holds th panels in alignment. ▪ Unite States Steel, Pittsburgh.

Circle 333 on inquiry car

more products on page 14

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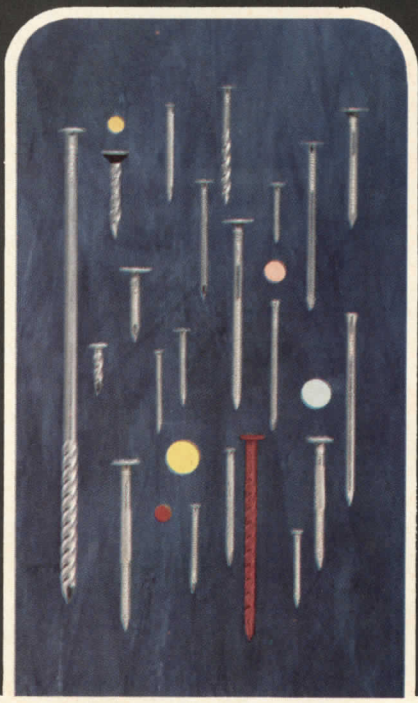

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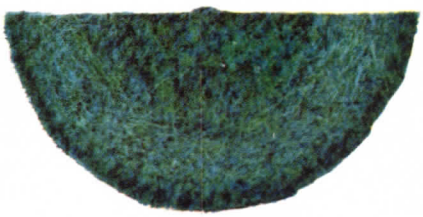
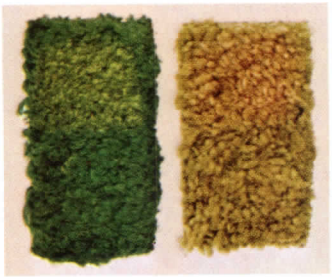
3,000 revolutions of abrasion test have $11.95 retail acrylic carpet down to the backing!



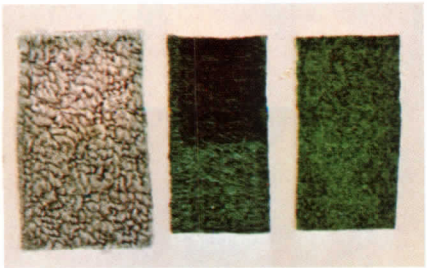
But, the abrasion wheel (Standard Taber Abraser), which can quickly spin off years of hard wear, barely makes a dent in new Ozite Town 'N' Terrace Carpet made with remarkable new Vectra polypropylene olefin fiber. Ozite's unique manufacturing method permits the use of staple fiber of higher tensile strength than normally used in regular carpeting.

Fadeometer Test



Wool 100 hours

Acrylic 160 hours



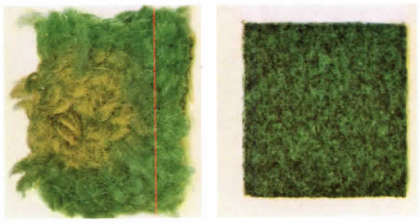
Nylon 100 hours

Polypropylene without stabilizers 216 hours

Polypropylene with stabilizers Over 2,000 hours

Most manufacturers of piece-dyed carpets try for 40 to 60 hours fade resistance. Even stock-dyed carpets strain to reach 200 hours. The special stabilizing chemicals used in the solution-dyed Vectra fiber enables it to resist ultra-violet rays —and permits Ozite to guarantee its carpet to withstand 500 hours of Fadeometer test without discoloration!

Stain Resistance



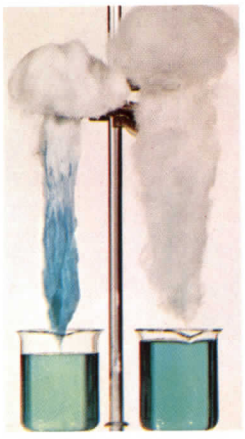
Wool

Polypropylene

Vectra polypropylene fiber is resistant to most harmful chemicals that tend to bleach and stain competitive products, including most acids, alkalies, salts, solvents, and oxidizing agents. Ozite Town 'N' Terrace Carpet resists spotting and bleaching from ammonia, chlorine, coffee, tea, soft drinks, shoe polish, merthiolate, mustard, catsup—practically everything, including the accidents of dogs and children. Insects and mildew do not attack polypropylene. Fungus growth is not supported by the fiber itself, won't shrink, rot, or mildew. And it's virtually non-static. Non-allergenic, too.

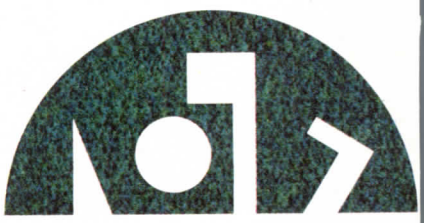
Competitive carpet fibers absorb moisture to varying degrees, up to 27%.

A filament of Vectra reacts to water much like a solid glass rod. The water rolls right off. Vectra olefin fiber has zero (0%) moisture regain.



Other Fiber

Vectra



Easy to install. Cuts with scissors or knife. Lies flat. Doesn't curl. No binding of exposed edges necessary. Does not need carpet cushion, tacking, or professional installation. However, if desired, it may be installed the same as conventional carpet. It is recommended that in most instances Ozite carpet be installed without permanent or semi-permanent adherence. Where it is desirable to adhere the carpet, the following methods of installation are recommended. Double faced tape or Ozite AP 400 waterproof adhesive may be used both indoors and outdoors.

And it's a breeze to maintain! Can actually be hosed clean. Simple to patch. Because Vectra fiber is impervious to moisture it can either be scrubbed clean or vacuumed. It dries fast. And patching for cigarette burns (can happen to any carpet, you know) is easily done in minutes with a razor blade and leftover pieces—and it won't show!

Installation and maintenance manual available on request.

Every claim guaranteed by the Ozite Corporation.

Write today for full information.

OZITE CORPORATION
Department AR
7-120 Merchandise Mart
Chicago, Illinois 60654

Please send me your 4-page color brochure with complete details on new Ozite "Town 'N' Terrace" Carpet, plus sample swatches of the carpet.

Name _____

Firm _____

Address _____

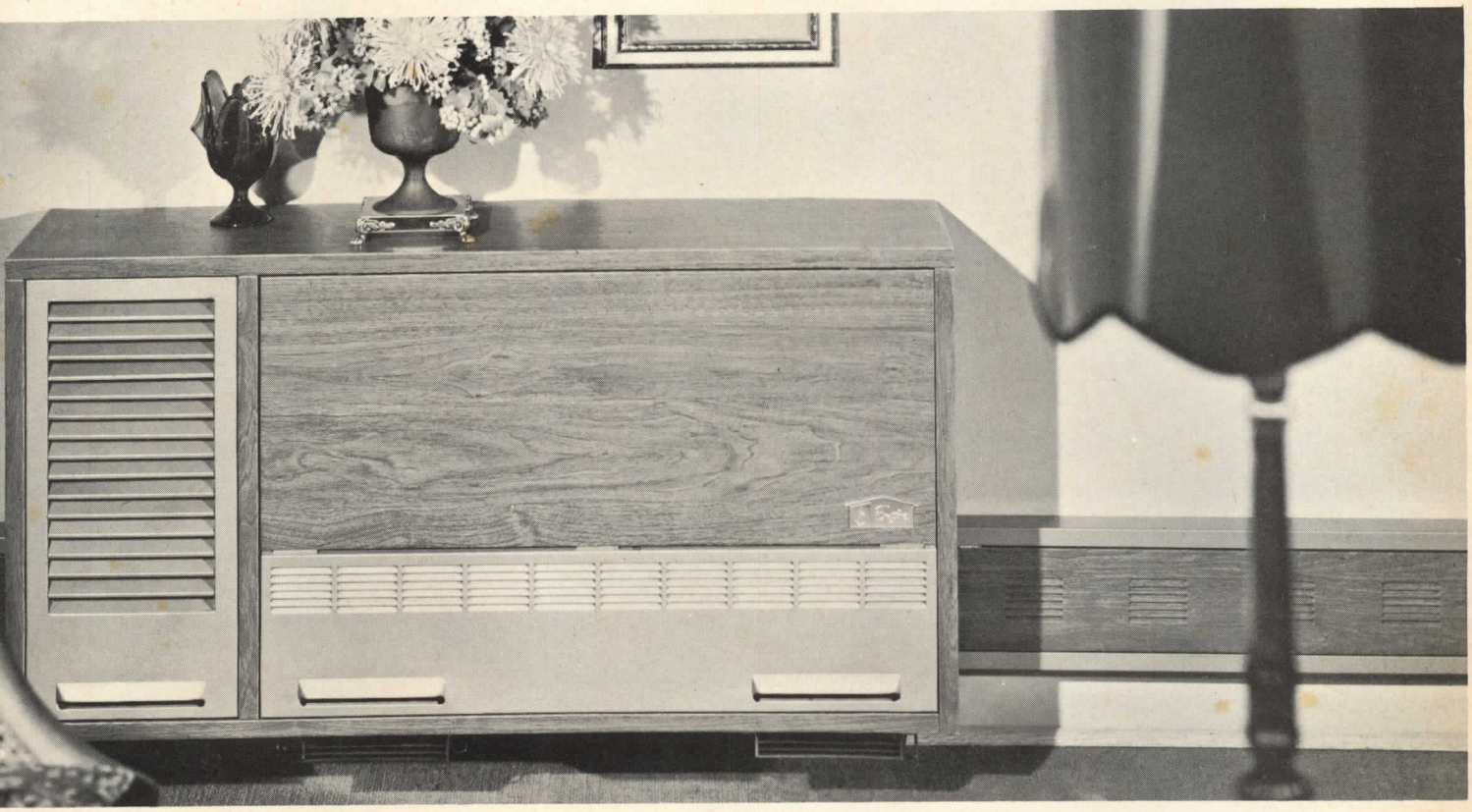
City _____

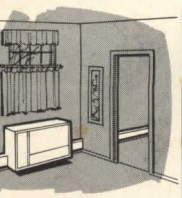
State _____ Zipcode _____

Classic-Aire

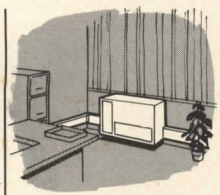
...THE MOST DRAMATIC FORCED-AIR HEATING DEVELOPMENT IN MORE THAN 50 YEARS!!

.....by Empire

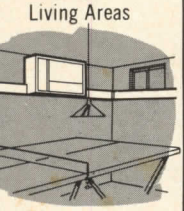




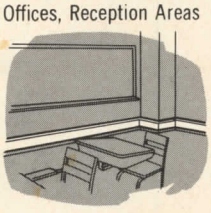
Living Areas



Offices, Reception Areas



Recreation Rooms

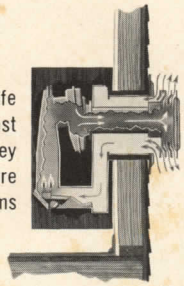


Classrooms

An Economical, Wall Mounted, Direct-Vent Gas Furnace with Baseboard Extensions for Peripheral and Multi-Room Heating...

Forced air gas heating has never been so easy to install, so economical, so flexible! New Classic-Aire offers complete adaptability with the use of open and closed face baseboard extensions in varying lengths to put heat where you want it. It's a bold new idea that permits thermostatically-controlled peripheral single or multi-room heating. Direct venting does away with vertical flu, duct work and expensive installation costs.

Nothing else does so many heating jobs so well and so economically in homes, apartments, offices, classrooms and multi-dwelling buildings. What's more, Classic-Aire's richly-handsome wood grain styled cabinet and baseboards add a tasteful decorator's touch to living areas. There's never been anything like it—until now!



Direct venting assures safe installation through most outside walls. No chimney or flu is needed. Secure outside vent cap conforms to building lines.

Gateway to the Best

Empire®

TO: Mr. Lee A. Brand
Empire Stove Co.
Belleville, Ill. 62222

Dear Lee:
You've got me interested. Now send me the full story on Classic-Aire including dimensions, specifications and performance data.

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COMPANY _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

For more data, circle 38 on inquiry card

Endowed by Nature..

The better homes in every neighborhood have

WOOD WINDOWS

The Caradco C-100′ Double-Hung Window starts right off with material advantages. First, it has the unbeatable thermal and esthetic characteristics of wood (treated with a water-repellent preservative to insure maximum service). Vinyl adds value, with a premium grade extruded vinyl glazing gasket for insulating glass that far out-classes glazing compounds—it's maintenance-free, leak-proof and virtually invulnerable. Weatherstrip and jamb liners are of stainless steel; its proved durability keeps C-100′ windows operating like new long after they're old.

For lasting satisfaction, let Caradco C-100′ Window Units fill the bill in your next residential or commercial building. A detailed, descriptive brochure will be sent promptly upon request.

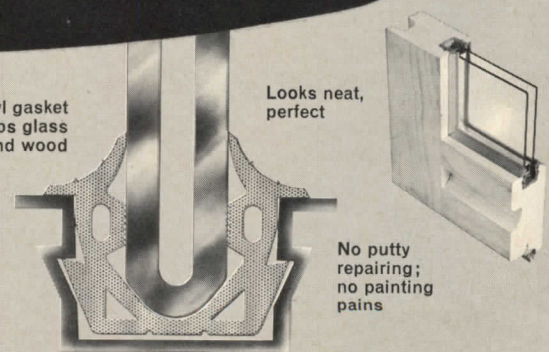
CARADCO

Caradco C-100′ Stainless Steel Jamb Liners . . .

• Last a lifetime • Stay strong and springy for simple sash removal • Provide automatic give-and-take adjustment to weather changes • Are rust-proof, bind-proof and damage resistant.

Vinyl gasket grips glass and wood

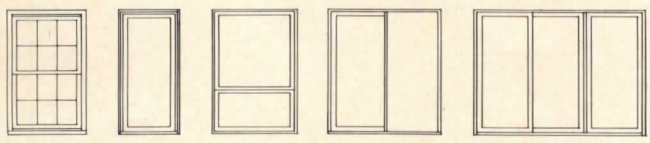
Looks neat, perfect



No putty repairing; no painting pains

Caradco vinyl glazing ends leakage problems . . . permanently.

CARADCO



Double-Hung Windows | Casement Windows | Awning Windows | Slider Windows | Patio Doors

From the manufacturers of creative building products

CARADCO, INC.

Dubuque, Iowa

Caradco Eastern, Inc. · Pemberton, New Jersey

Caradco Windows and Patio Door products are further detailed in Sweets $\frac{19c}{Ca}$ *and Canadian file* $\frac{8wmw}{Car}$

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A "Record House" by architect Hugh Stubbins, Cambridge, Mass.; Cabot's #241 Bleaching Oil on exterior Redwood.

Cabot's STAINS

57 unique colors for shingles, siding, clapboards, paneling. Trouble-free . . . never crack, peel, or blister.

Architect Hugh Stubbins' award-winning home, set amidst the stately homes of Brattle Street in the shadow of Harvard University, proves that the old and the new often complement each other. Cabot's Stains (the original Stains and Standard for the nation since 1877) were specified for all exterior wood surfaces of this home. A stain finish preserves the wood by penetrating deep into the fibres, enhances the beauty of the grain, grows old gracefully.

FOR INTERIORS

Cabot's Stain Wax stains, waxes, and seals in one operation . . . provides a soft, satin finish in a choice of 14 colors.

Samuel Cabot Inc.
529 S. Terminal Trust Bldg., Boston, Mass. 02210
Please send architectural specifications on Cabot's Stains.

_____

_____

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For more data, circle 36 on inquiry card

continued from page 128

SHELVES / *Royalcote Living Wall* is a system of 4-ft by 8-ft woodgrained panels which have been inconspicuously slotted to accept brackets and hooks. The results may be any arrangement of shelves on an entire wall or a portion of it. Shelves can be hung or rearranged in minutes. ▪ Masonite Corp., Chicago.

Circle 334 on inquiry card

PUSH BUTTONS / A collection of lighted, cast metal buttons are offered in six styles featuring antique pewter, gold, or silver finishes. *Heritage*, for example, is a traditional style in either polished brass or antique silver finish. ▪ Emerson Electric Co., St. Louis.

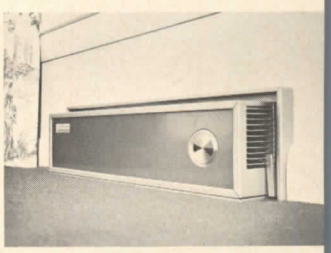
Circle 335 on inquiry card

SHELVING / *Lustra* systems permit flexible wall installations or free-standing supports for wood-grained hardboard shelving. Supports are offered in five colors and three forms —regular wall-installed standards, floor-to-ceiling tension poles, and cantilevered Porta-Posts that require only one screw per support. Matching shelf brackets come in eight sizes, including a 45-deg-angle magazine shelf bracket and heavy-duty brackets for use with a desk top. A booklet describes 30 ideas for decorating with *Lustra Shelving Systems*. ▪ Dorfile Manufacturing Company, Portland, Ore.

Circle 336 on inquiry card

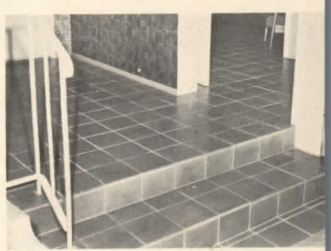
TV WIRING / Whole house TV wiring, a comprehensive factory-engineered system in kit form, permits up to eight TV/FM sets in simultaneous operation from one antenna location without interaction, resulting in perfect UHF/VHF black and white, color TV and FM/stereo radio reception. ▪ Mosley Electronics, Inc. Bridgeton, Mo.

Circle 337 on inquiry card



HEATING-COOLING SYSTEMS / An air diffuser continuously monitors the air temperature supplied by a heating-cooling system to automatically regulate the air flow in various draft-free patterns. Each time the fan goes on, the baseboard mounted *Flomatic-400* directs the initial, cooler air in a jet toward the ceiling. As the air temperature increases, the air flow pattern changes until desired blanketing of the wall is achieved. ▪ Hart & Cooley Manufacturing Co., Holland, Mich.

Circle 338 on inquiry card

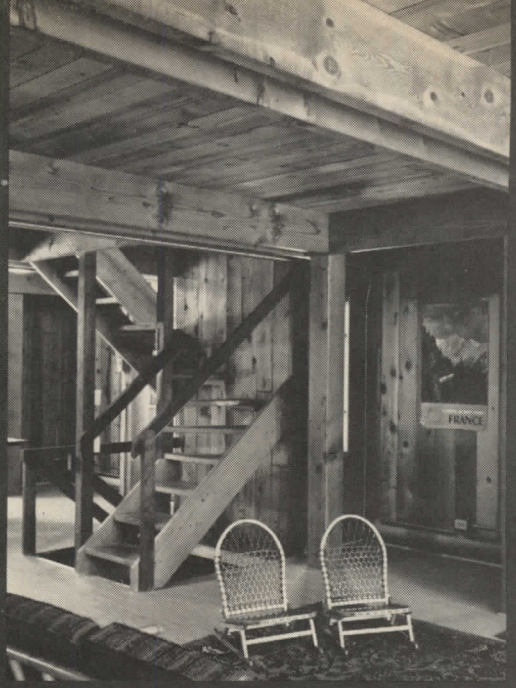


TILE / This tile, reported to be made by a new process from a resilient material, looks and has the physical attributes of ceramic tile. The surface is said *to be non-absorbing* and is recommended for high traffic areas such as entryways, hallways, and kitchens. The tile is fireproof, is unaffected by oils, greases and most organic compounds, and is immune to pitting and denting. ▪ FMC Corporation, New York, N.Y.

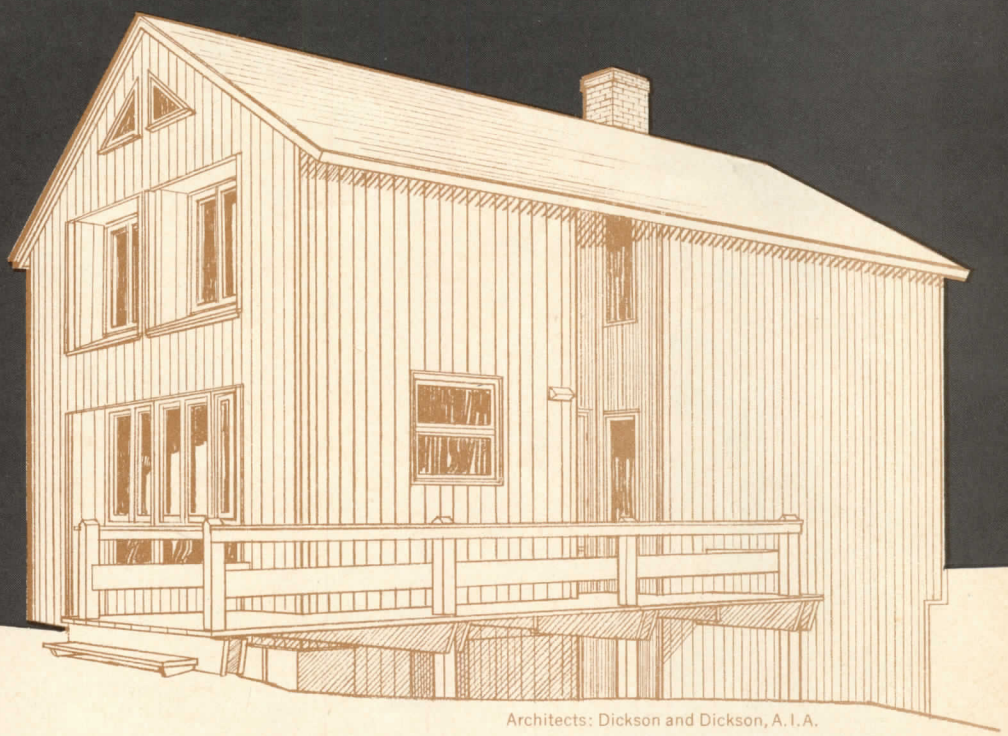
Circle 339 on inquiry card

more products on page 14

News from the Potlatch *Timberline*

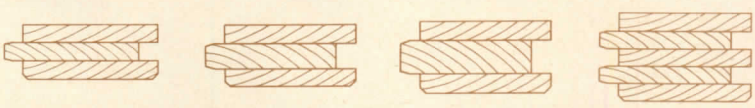


LOCK-DECK® DECKING PROVIDES THE PRIMARY STRUCTURAL, INSULATION AND AESTHETIC MATERIAL IN THIS REMARKABLE STRUCTURE



Architects: Dickson and Dickson, A.I.A.

The wonderful warmth—and versatility—of Potlatch Lock-Deck® decking provides a tight, weatherproof winter home when used for roof, flooring and walls. The single-wall utilization of Lock-Deck supplies all the insulation needed for comfortable living any day of the year. Only Lock-Deck decking can do so many jobs so well. For more information, write for a special Architectural Report on Winter Home.



Lock-Deck is available in 4 thicknesses and 2 face widths
For details see SWEETS architectural file 1c/Po

Potlatch pfi®
FORESTS, inc.
WOOD PRODUCTS DIVISION
320 Market Street
San Francisco, California 94111

For more data, circle 40 on inquiry card

Pete is a pushover.

A patsy. An easy mark. A guy who just can't say "no" when you ask him to do something for you.

Like keeping your color books up to date.

Or custom blending a special hue for you.

Or writing up your paint specs.

Pete will do all those things. And then some. He'll give you the straight word on vinyls and acrylics. Tell you what's new with rust-inhibitors and wood-sealers. Fill you in on the properties of epoxies. And keep you up to date on the latest developments—like polymerized Wonder-Tones.

Pitching in is more than Pete's job. It's his nature. And it's the same with Ernie, Fred and Stanley. All the Devoe men.

When it comes to giving you a hand, they're all Johnny on the spot.

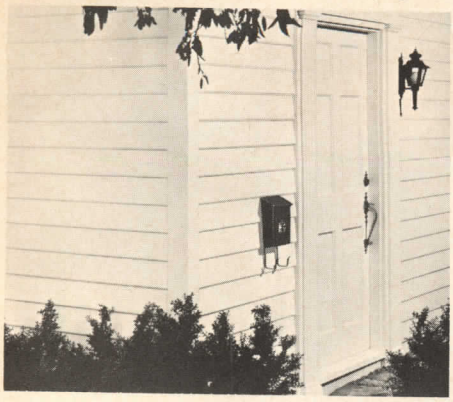
You can depend on the **Man from Devoe.**

DEVOE PAINT

Division of Celanese Coatings Company, Louisville, Kentucky.

For more data, circle 41 on inquiry card

continued from page 130



SIDING / *Williamsburg-X-ninety Lap Siding* is a narrow lap siding that is 6 in. by 16 ft by nom. 7/16 in. The siding has a 5-in. exposure and a slightly notched and contoured profile that gives a deep shadowline, according to the manufacturer. ▪ Masonite Corporation, Chicago.

Circle 340 on inquiry card

CONCRETE SLAB / Screeds called *Cushion-Sole Sleepers,* serve as nailers for sub- and finish flooring over concrete slab. *Cushion-Sole Sleepers* are said to provide a good floor resilience and are effective in the reduction of noise. They are made of kiln-dried southern pine and pentatreated for durability. They are available in widths of 2½ in. to 2⅝ in. and in 3 ft to 6 ft lengths. Synthetic rubber cushions, which are 12 in. apart and impervious to changes in temperature and humidity add ⅜ in. to make an over-all thickness of 2 in. ▪ Potlatch Forests, Inc., Warren, Ark.

Circle 341 on inquiry card

Traditional Beauty

Good design is timeless. So is the appeal of genuine hardwood, with a warmth no imitation can capture. This is why a Wood-Mosaic floor is the traditional choice for fine homes, clubs, offices and galleries.

The Monticello pattern shown was created by Jefferson for his home. Today it is one of many Wood-Mosaic floor designs which have stood the test of centuries. These floors take little upkeep and come in many price ranges.

They are perfect for those who believe every fine home should be unique.

Write for complete literature. And look for us in the Yellow Pages.

SEE US IN SWEET'S S

SINCE 1883

Wood-Mosaic Corp.

5000 Crittenden Drive, Louisville, Ky. 40221

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HYDROMASSAGE BATH / Self-contained units, ready to assemble at the construction site, come complete with pumps, gas heater, permanent media sand filter, all fittings and chrome plated bronze hydro-air inlets. Various sizes and designs are available. ▪ Jacuzzi Research, Inc., Berkeley, Calif.

Circle 342 on inquiry card

BATHROOM / The floor, tub, tub walls, toilet, and vanity basins in this bathroom are made of *Archon,* fibreglass plastic resins and mineral fillers. The floor and toilet are in one unit. *Archon* is available in many solid colors, various intensities of veining, Travertine and many textures. ▪ Associated Design Group, Salt Lake City, Utah.

Circle 343 on inquiry card

more products on page 148

CHOOSE YOUR WINDOWS CAREFULLY

You can be sure of fine millwork with R·O·W or the two other top quality wood windows. However, only R·O·W offers the R·O·W trouble-free take-out mechanism and only R·O·W has concealed Lif-T-Lox balances. When R·O·W sashes are snapped out, Lif-T-Lox tabs automatically lock in place to permit easy replacement.

Write for 8-page brochure on solving styling problems and proper location of windows for light, ventilation and furniture placement.

R-O-W WINDOW SALES CO., 1377 E. ACADEMY, FERNDALE, MICHIGAN 48220

REMOVABLE R·O·W® LIF-T-LOX BALANCED

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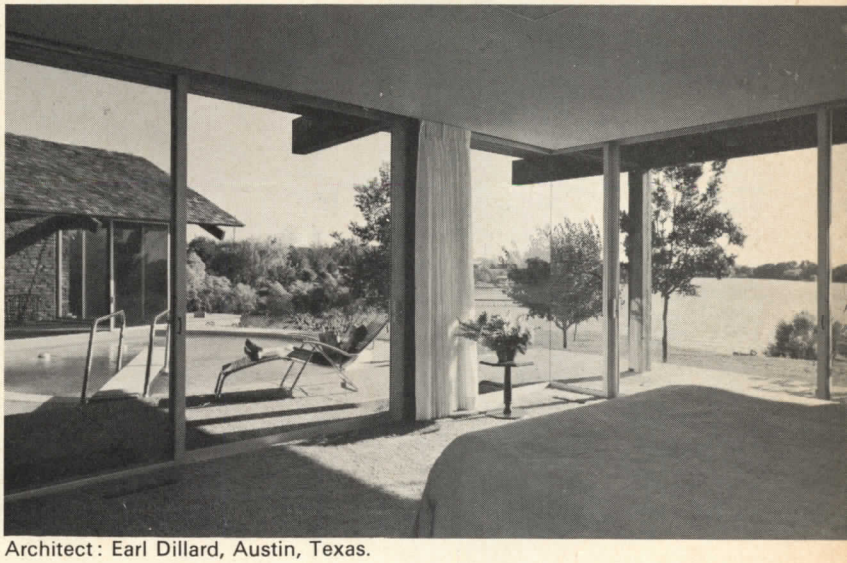
How much of the sun do you want?

The Doyle Thomases *of Abilene*, Texas, love the sun. But on *their* terms. Their window walls and sliding glass doors of ¼" Parallel-O-Grey® Plate Glass exclude approximately 40% of solar energy to keep the interior cooler. And transmit 44% of average daylight to filter out sky glare.

You can also use warm-toned Parallel-O-Bronze to reduce solar heat and light.



Architect: Earl Dillard, Austin, Texas.

If you prefer your sun straight, we'll deliver it that way, of course, with clear glass. Or, we'll insulate your home from heat gain or heat loss with Thermopane® insulating glass. (For the ultimate in comfort, we have Thermopane with tinted glass as the outer pane.)

And for more built-in safety in sliding doors, we offer you tempered glass of various thicknesses.

Inside your home, we offer you a variety of patterned glass to spread daylight around (as well as to provide some very attractive privacy).

L·O·F makes a particular kind of glass for every purpose in residential design. Call your L·O·F Glass Distributor or Dealer listed under "Glass" in the Yellow Pages.

Libbey·Owens·Ford Glass Company

Toledo, Ohio 43624

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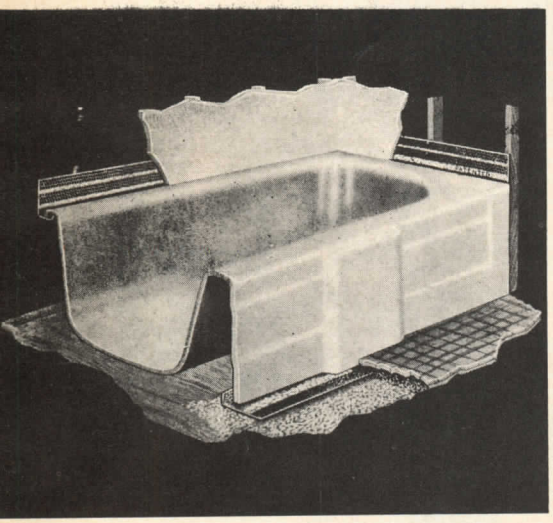
Eliminate SAGGING SETTLING LEAKING



with LUCKE BATHTUB HANGERS

Distribute the weight of each tub installed evenly with these specially designed hangers. They eliminate settling or sagging and prevent water seepage. A special flange insures a perfect water seal when bonded with Lucke Leak Proof Filler . . . a compound with excellent flexibility in extreme temperatures.

For more than 20 years Lucke Bathtub Hangers have been used in quality houses, hotels and hospitals and institutions.

For further information fill in and mail attached coupon.

WILLIAM B. LUCKE, INC. 514 Poplar Drive, Wilmette, Illinois

Please send me without obligation, a folder illustrating and describing how Lucke Leak-proof Bathtub Hangers may be used with various types and size bathtubs.

NAME_____

☐ Engineer ☐ Architect
☐ Plumber ☐ Builder

Street_____

City_____ Zone_____

State_____

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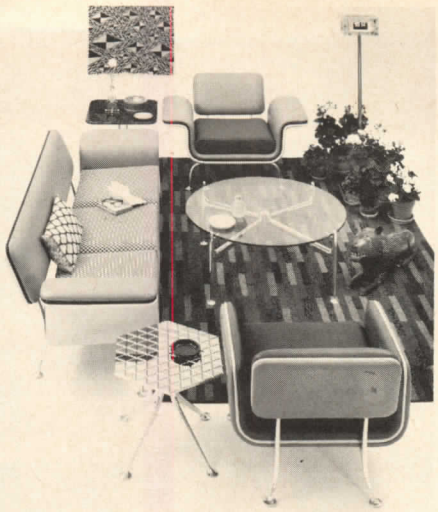
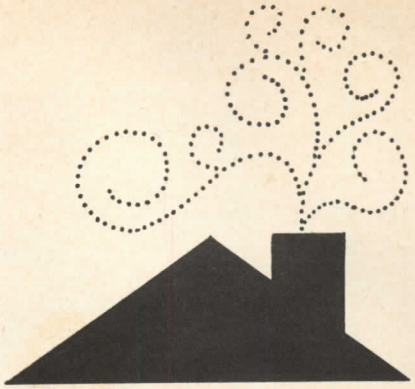


FURNITURE / Alexander Girard, A.I.A., of Santa Fe, New Mexico, has designed his first collection of furniture consisting of 25 chairs, sofas, and ottomans, and coffee, end and dining tables. Low backs maintain a low "sightline." Chair and table supports are effected with sculptured cast metal parts of chrome steel and polished aluminum; table tops are of integral material: Italian white marble or Bruno Scuro marble; emerald pearl granites, clear glass or grey glass. The hexagonal table is of machined and chrome plated aluminum. ▪ Herman Miller Inc., New York, N.Y.

Circle 344 on inquiry card

FURNITURE / This collection of furniture designed by Milo Baughman is called *New Concept*. The high-backed wing chair is covered in a textured fabric that highlights magenta and sapphire. The seat cushion is loose and there is a small rectangular back pillow. The bench beneath the op art painting is topped with rosewood and faced with white lacquer. The sofa has thin sloping arms and loose tufted seat cushion. The coffee table has a rosewood top supported by a circular "fence" of metal with an English antique finish. ▪ Thayer Coggin, Inc., High Point, N.C.

Circle 345 on inquiry card



FREE PUMP REFERENCE FILE TELLS HOW YOU CAN GET

instant water

IN THE HOMES YOU DESIGN AND BUILD BEYOND THE WATER MAINS

Red Jacket's new pump reference file "Practical Engineering Information" should be at the side of anyone interested in designing and building homes beyond the water mains. Complete and comprehensive, it covers everything from average water requirements for home and farm, procedures for determining distance to water level, practical suction lifts . . . to water friction tables and how to estimate operating costs.

As a handy reference it will help you be sure you're specifying and installing the right size and type of pump and tank for present and future requirements for any home water system. It's yours for the asking — just clip the coupon!

RED JACKET
P.O. Box 3888, Davenport, Iowa

☐ Send me your file "Practical Engineering Information" for our A.I.A. File No. 29-D-5.
☐ Please have your Red Jacket man call.

Name_____

Firm Name_____

Address_____

City_____

State_____

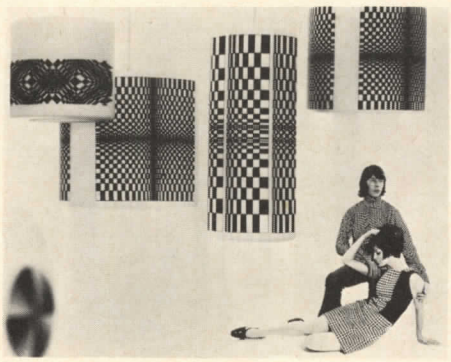
RED JACKET
FLUID SYSTEM PRODUCTS
BOX 3888 • DAVENPORT, IOWA

For more data, circle 46 on inquiry card

continued from page 148

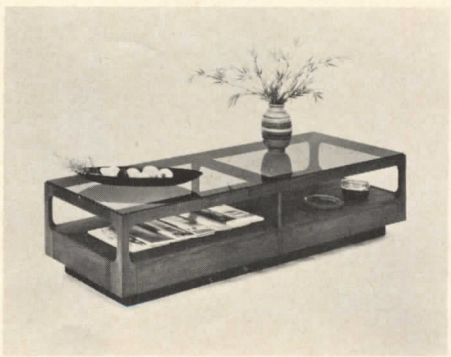
FURNITURE / This furniture, designed by Vico Magistratti, is available in all woods and also with lacquer finishes. The table top may have any finish including brass. The chairs have molded plywood backs and seats; the seats are covered in velvet or other fine materials. ▪ Atelier International, Ltd., New York, N.Y.

Circle 346 on inquiry card



LIGHTING FIXTURES / Four shapes of op art fixtures have been imported from Amsterdam for this "psychedelic" collection. The fixtures are in white satin glass decorated with fired black designs. ▪ Koch & Lowy Inc., New York, N.Y.

Circle 347 on inquiry card



COFFEE TABLE / This John Caldwell design is 72 in. wide by 24 in. deep by 16 in. high. The wood is American black walnut, the glass is solar grey plate. There are bottom drawers for storage. ▪ Brown-Saltman of California, Gardena, Calif.

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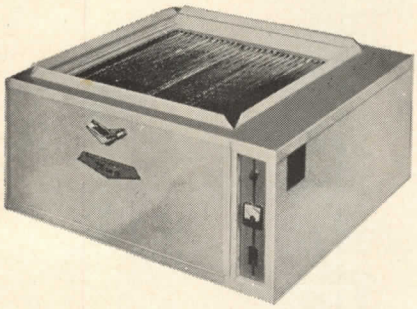
Now . . . An ELECTRONIC AIR CLEANER For Only . . .

$230.50 LIST PRICE

MODEL 2020CM — 800-1000 CFM



Up to 1400 CFM — $241.00
Up to 2800 CPM — $400.00

Now you can provide your customers with the highest quality MAMCO Electronic Air Cleaners for the lowest price on the market. MAMCO quality construction and design engineering is unexcelled in the field. Easy to install, too. Just one 115 volt connection.

For full details on the MAMCO profit line write Dept. H-1.

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CORPORATION
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RACINE, WISCONSIN

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You can't help but notice . . .

Discriminating home owners immediately recognize the expert craftsmanship of Harris BondWood parquet. This superb performer is thick, solid hardwood all the way through . . . designed for adhesive installation over concrete or wood. And even after years of hard wear there's nothing to replace. BondWood is restored to original beauty with inexpensive refinishing. For flawless performance, always specify Harris BondWood . . . the original parquet introduced from Switzerland by Harris in 1954. Ideal for apartments, homes, gyms, auditoriums, classrooms and churches. Get all the facts about the versatile Harris line . . . mail the coupon below, today!

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DEPT. AR-57, JOHNSON CITY, TENN.
Please send me FREE FULL COLOR BROCHURE.

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HARRIS FLOORING
Hardwood Flooring Since 1898
Parquet • Colonial Plank • Strip • Stairwork

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Advertising Sales Mgr.: James E. Boddorf (212) 971-2838
Production Mgr.: Joseph R. Wunk (212) 971-2793
Promotion Mgr.: Sam H. Patterson, Jr. (212) 971-2814

District Offices:

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A ROOF IS A ROOF IS A ROOF . . .

○ FORM ▽ COLOR □ FUNCTION

Or less fancifully, "the cover of any building" in Webster's routine definition of this somewhat commonplace word. And for the great bulk of residential construction in recent years, roofs have been just that—reasonably protective, wholly commonplace. But architects are of course aware that they can be much more, as is notably the case when Follansbee Terne is specified. For this time-tested metal permits the roof area itself to become a major design component, permits both form and color to unite with functional integrity in a lasting guarantee of client satisfaction. Whether architect or prospective builder, we should be very happy to send you detailed substantiation.

**RESIDENCE OF ARCHITECT DAVID WM. CECIL, AIA, SPARTANBURG, S. C.,
ROOFING CONTRACTOR,
R. O. PICKENS, ROOFING &
SHEET METAL WORKS,
SPARTANBURG, S. C.**

FOLLANSBEE STEEL CORPORATION
Follansbee, West Virginia

Follansbee is the world's pioneer producer of seamless terne roofing

For more data, circle 49 on inquiry card

Correction.

As most of you know, one of our proudest boasts is the fact (properly researched) that 3 out of 4 architects specify California redwood for their own homes. Now, along comes "Record Houses of 1967" with 4 out of 5 architects' own homes featuring redwood.

Our advertising people, unaccustomed as they are to understating, explain it this way: When you have a concentration of quality such as "Record Houses," the ratio of redwood inevitably increases.

For any information at all about redwood, write: California Redwood Association, 617 Montgomery St., San Francisco, CA. 94111.

For more data, circle 51 on inquiry card

Perhaps this is why 6 of the 20 Record Houses of 1967 feature Lennox heating systems.

Lennox Industries Inc., 161 S. 12th Ave., Marshalltown, Iowa

LENNOX
AIR CONDITIONING • HEATING

For more data, circle 52 on inquiry card

Who says custom floors have to be costly?

Not your Azrock floor tile dealer!

In any style, any period, any room, Azrock custom floors are possible right from the carton. Faster and easier to install, too, using 12″ x 12″ modular size tile. And with Azrock's spectacular selection of decorator styles and colors, infinitely varied floor designs are possible.

The styling of Tarantino's criss-cross travertine tracery makes a beautiful floor while use of a contrasting color lifts any room out of the ordinary. Floor shown: VT-498 Brick with VT-496 Olympia.

VERSATILE, PRACTICAL

An Azrock Floor is vinyl asbestos tile at its beautiful best — and its hidden values don't stay hidden for long! The non-porous finish defies dirt and grime, keeps its lustrous beauty for years. Dirt and grease stay on top of the tile, are easily wiped off, swept or vacuumed away. In the kitchen, family room, playroom, the den, the nursery, Azrock's lovely satiny surface makes the floor a breeze to clean — and *keep* clean!

ENDURING BEAUTY, LONGER LIFE

Azrock vinyl asbestos tile is one of the longest wearing, most durable resilient floors made. Modern vinyl resins and sturdy asbestos fibers combine to give the tile extra toughness and resilience. You'll like the comfort and the quiet underfoot, too. Daily, monthly, yearly, your floors take steady punishment. Azrock Floors are made to take such treatment and last a "housetime."

EASY DOES IT!

Azrock custom floors are easy to install. Vinyl asbestos tile goes down quickly and easily over wood or plywood subfloors, or over concrete slab, on, above, or below grade. No costly special adhesives needed! Let your Azrock dealer install your beautiful new floor . . . or do it yourself in almost no time at all. All you need is adhesive, a brush to apply it, and scissors to cut the tile to fit irregular areas. We'll be pleased to send you a free illustrated folder with step-by-step instructions for installing your own Azrock vinyl asbestos tile floor.

Only with tile are custom designs so easy. The bright, clear, color-flecked 800 Series makes a background of rich color that breathes new life into its surroundings. And the alternating stripe designs come "straight from the carton"! Floor shown: V-815 San Marino and V-817 Adriatic with feature strips in black and white.

A custom floor permits you to give imagination free rein. This elegant forma ing room dramatized with a floor of Italia, an exquisite natural slate-textured ing with feature strips in two contr colors. Floor shown: VO-727 Tinta Verde white and olive feature strips.

HIGH FASHION, LOW COST

Azrock vinyl asbestos tile is the to modern resilient flooring that is ion oriented to be as practical as good-looking. Exceptional valu built into every one of Azrock's colors and styles. And you'll find cost surprisingly low. See your Azrock dealer for a free estimat your requirements. You'll find listed in the Yellow Pages u "Floors."

America's leading vinyl asbestos floor tile

AZROCK®

Write for free color booklet "Azrock Floors — Creatively Styled for Beautiful Interiors" or send 25¢ for full color broch "Decorating with Azrock Floors". Azrock Floor Products, 504 Frost Building, San Antonio, Texas 78205.

For more data, circle 53 on inquiry card