

Douglas Fir Plywood Association

second homes



for

leisure living

*... here are 18 new leisure-time homes,
built with **fir plywood**
for comfort and economy*



Inside and out, fir plywood builds a better leisure-time home.

Western plywood producers have always led the way in helping leisure-loving Americans find new and pleasant ways to occupy their ever-increasing leisure hours.


And now, the labor-saving advantages of plywood are fully realized in the construction of the outstanding 2nd homes on the following pages which were developed by these


manufacturers through the agency of the Douglas Fir Plywood Association.


Big 32-square foot panels of fir plywood enable you to "Hurry up and rest" if you do the building yourself...save untold hours of costly on-site construction labor if you hire the building done.

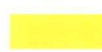
"DFPA Tested-Quality" trademarks on each plywood panel mean your cabin will stay good-looking longer because DFPA trademarked plywood is durable and weatherwise on exteriors; smart and practical for inside partitions, paneling or cabinet work.


So, why settle for ordinary construction and minimum comfort when it costs no more—and very often less—to build the vacation cabin you've dreamed of with plywood?


 Plywood roof sheathing is a superior base for all types of finish roofing. Holds nails well, adds strength and performance.


 Fir plywood ceiling paneling is easy to install and finish. Apply panels full size or in interesting patterns with variety of surface textures available.


 Exterior plywood is perfect for covering undersides of eaves... eliminating distracting joints and visible rafters. Always interesting, eye-appealing.


 Exterior plywood does yeoman service outside the cabin, too, in striking fences and windbreaks to provide privacy or shelter from sun and wind.

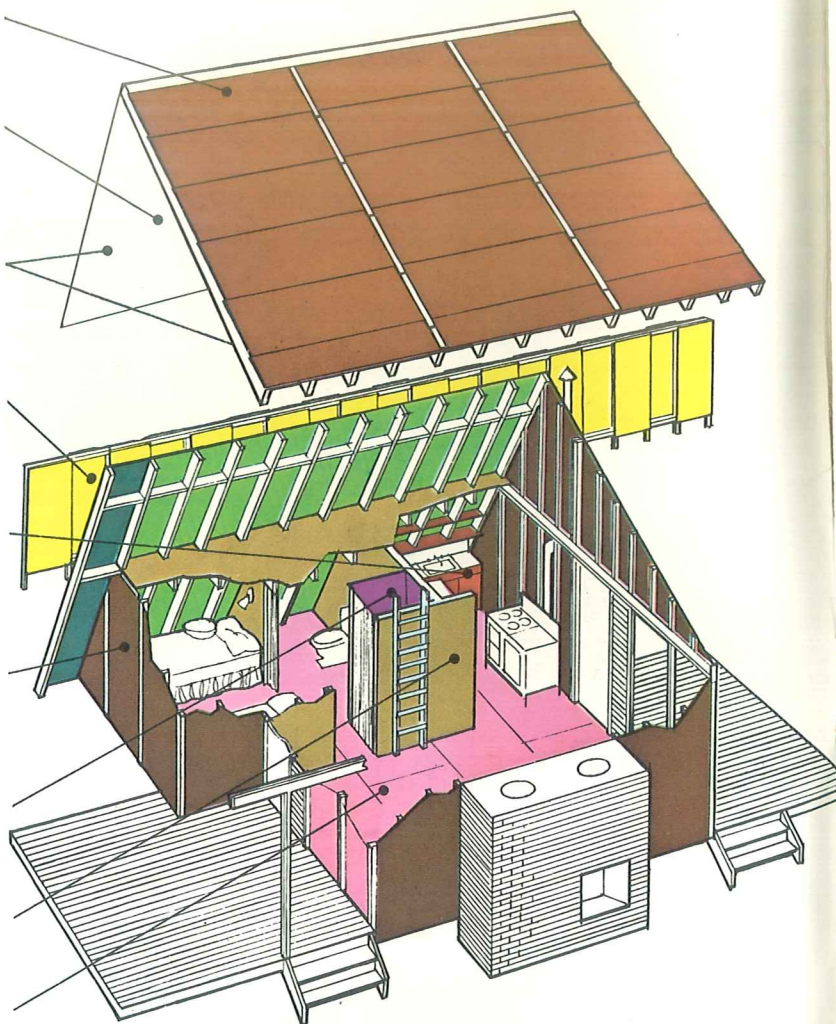
 Fir plywood cabinets are easily customized to meet your exact needs...show the rich beauty of real wood or provide a perfect base for any painted finish.

 Clean-lined Exterior plywood siding is easy to install. May be applied as wide-lapped siding, board-and-batten or flat panel.

 Fir plywood provides firm, solid crack-proof backing for bathroom tile or other special interior wall surfaces.

 Rich-looking but economical plywood wall paneling glows with the soft warmth of real wood.

 Plywood subfloors and underlayment add strength and rigidity.



Leisure living is twice the fun in a second home!

One million American cabin-owning families can't be wrong...getting away from it all in a family hideaway *is* more fun.

That's how many American families now own or are buying their leisure time residences.

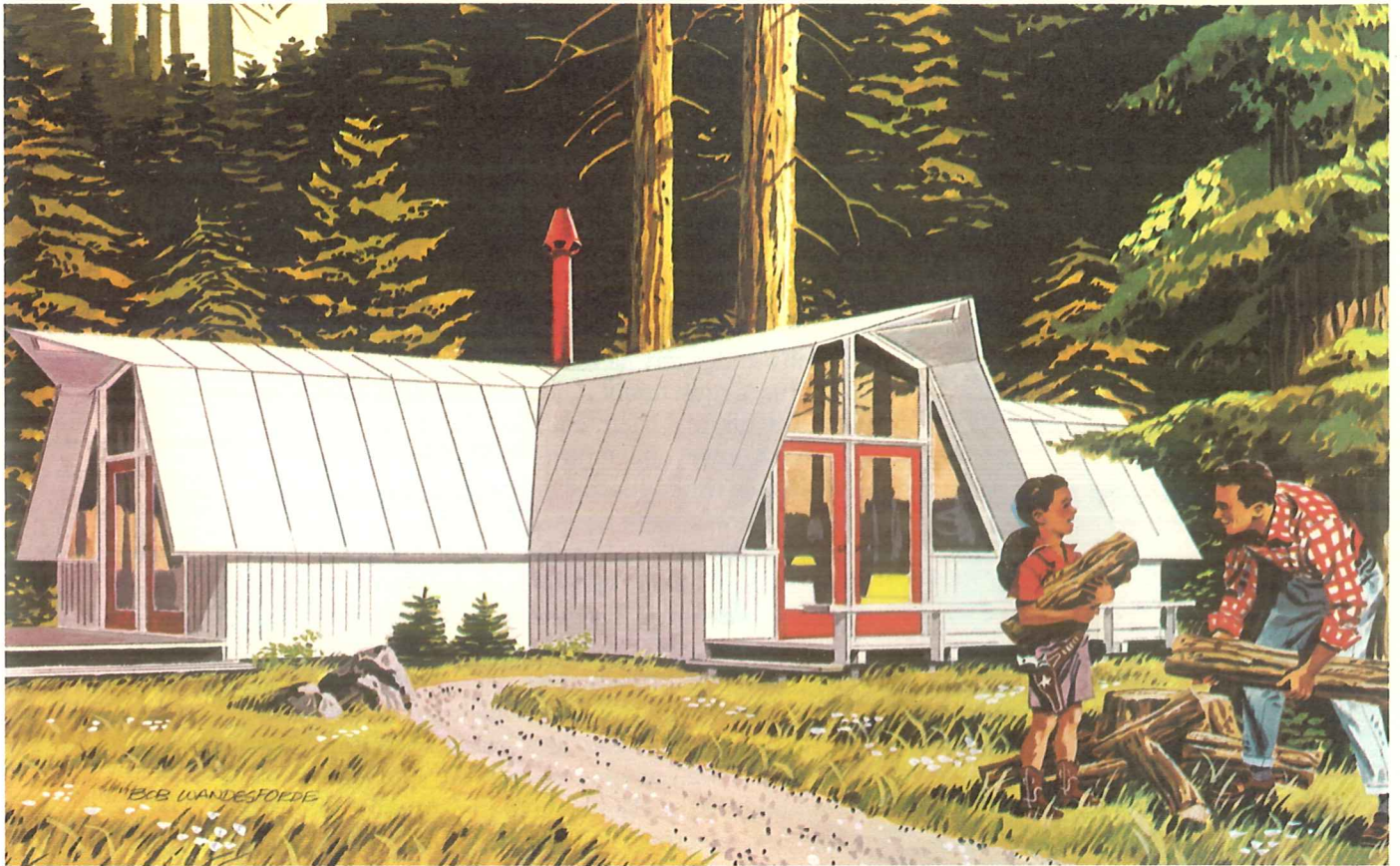
With everyone enjoying longer vacations... more free time... better highways making remote retreat areas more accessible... plus the need for family recreation... this mass exodus to the mountains, desert or seashore is easy to understand and—even better—fun to participate in.

One word of caution before you start your second home project, however. Keep it simple! Your local lumber dealer can help you here by advising you on the best cabin plan for your family as well as guiding you on your choice of building materials. For help in arranging financing and selecting a site, consult with your lumber dealer, bank, savings and loan association or realtor.

There's one sure precaution you can take yourself to assure a cabin that's simple to build, easy to live with. Be sure to specify Douglas Fir Plywood Association Tested-Quality plywood as your basic building material. Quality plywood construction is flexible—its performance is reliable and predictable.

If you wish plans for any cabin shown on the following pages, contact your local lumber dealer. Or, order direct from the Douglas Fir Plywood Association, Tacoma 2, Wash., enclosing 25¢ per plan. Be sure to specify plan by name. (Sorry—no plans can be mailed outside the U.S.A.).

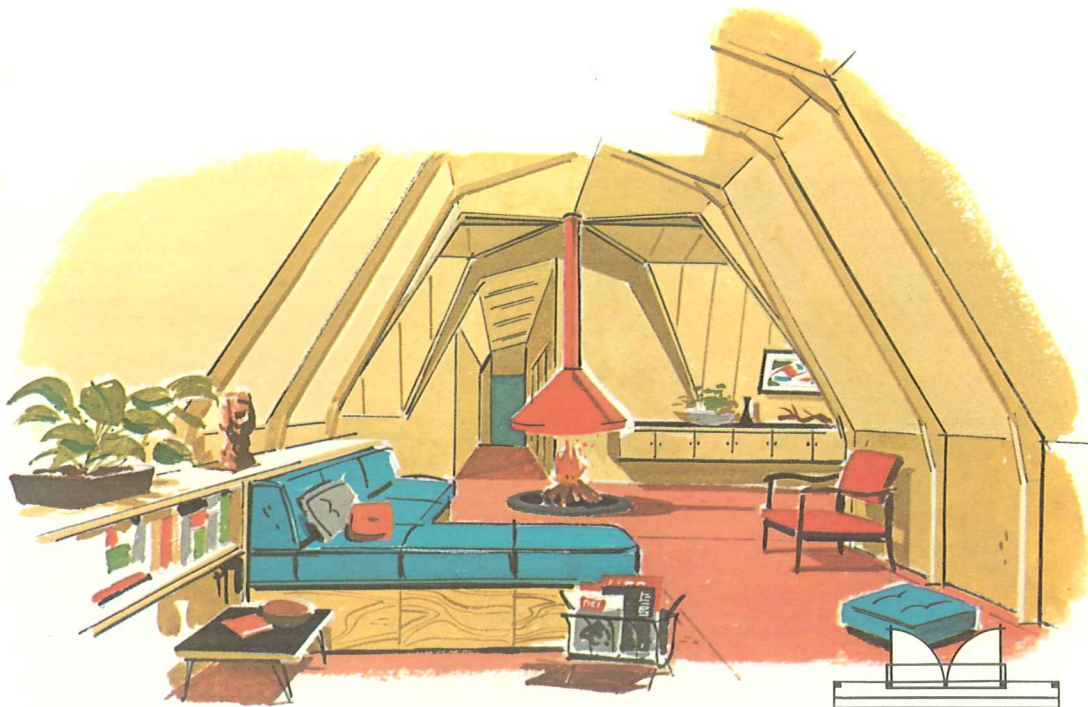
DESIGN NO. 1 DFPA SECOND HOME



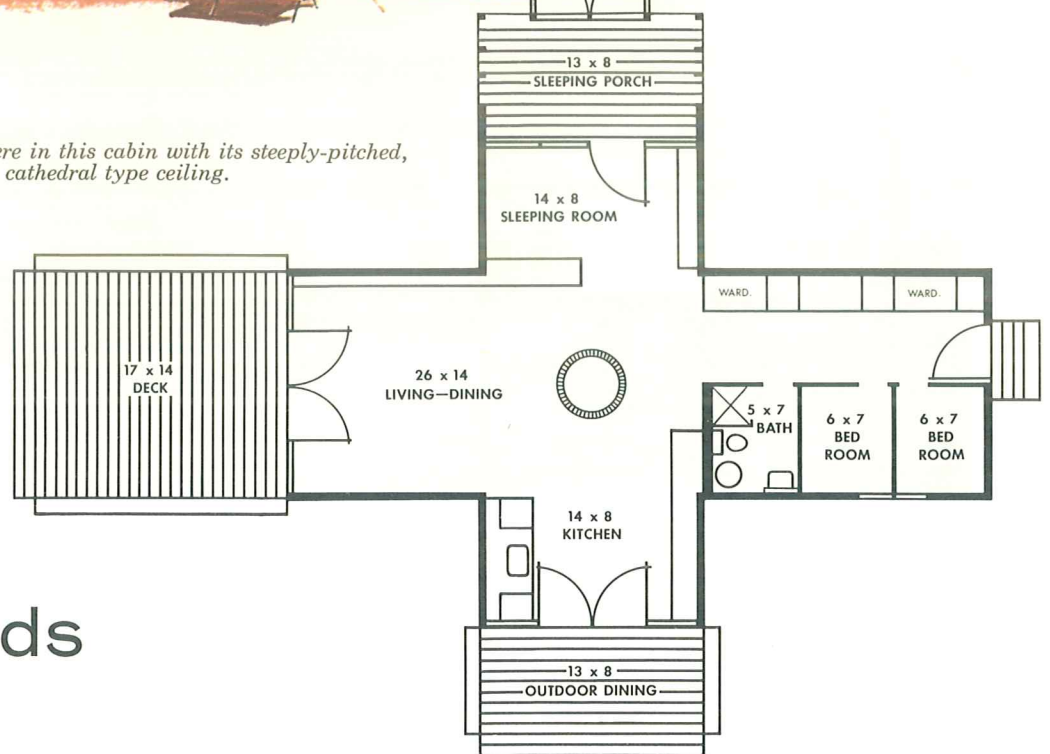
Intriguing Cabin

Reminiscent of a South Seas Maori (New Zealand) rain forest lodge, this novel vacation retreat adapts to either a flat site or a high bank. Modular system design enables easy application of building panels. Intriguing roof shape is formed of Exterior fir plywood panels, with rustic Texture One-Eleven "grooved" Exterior plywood providing a delightful contrast as handsome, durable siding. Here's

another time and labor saver, too ...one and one-eighth inch thick plywood panels called 2.4.1 combine the functions of underlayment and subfloor in one. Because architect Alan Liddle planned with plywood as his basic material, this is a cabin you can put up yourself—even if you're an amateur carpenter—in about eight weekends. Parts can be pre-assembled in town and brought to the cabin site



Lots of atmosphere in this cabin with its steeply-pitched, cathedral type ceiling.



in the Woods

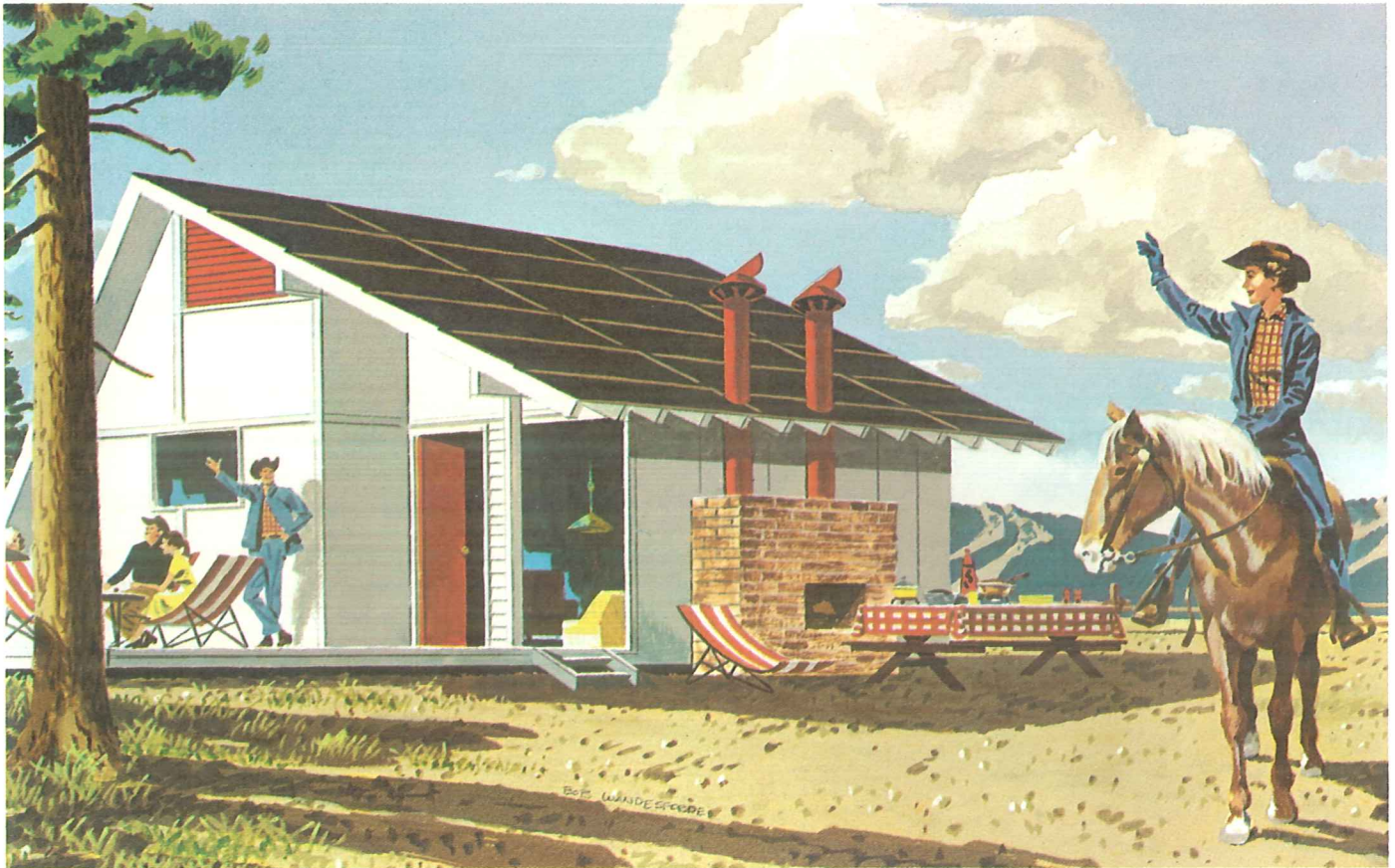
ready for assembly.

The skylighted interior of some 952 square feet includes a compact kitchen; two small and one large bedroom; bath; screened sleeping porch and living-dining room with a central circular fireplace.

Outdoor deck areas can be added in any of four directions to suit the particular needs of your family or adapt to your lot.

"Cross" shape of cabin permits proper orientation of cabin to sun and breezes.

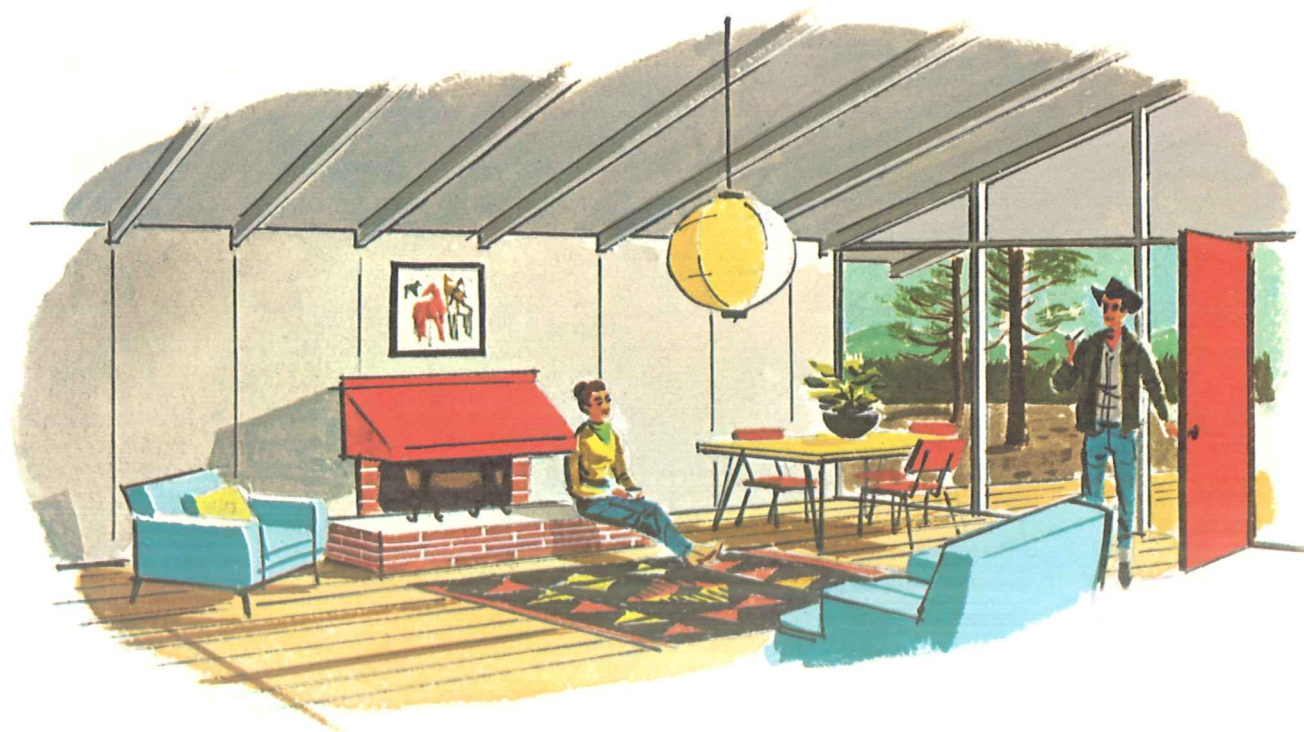
DESIGN NO. 2 DFPA SECOND HOME



Up-in-a-Jiffy Vacation

Turning to more conventional construction—but with a flair—architect Walter D. Widmeyer has done a masterful job of designing a maximum amount of living space into a minimum floor area. Economy keyed throughout—this vacation cabin features Exterior-type fir plywood for single-wall construction. The peaked roof encloses an open half-attic above the kitchen-bath-bedroom side which can be

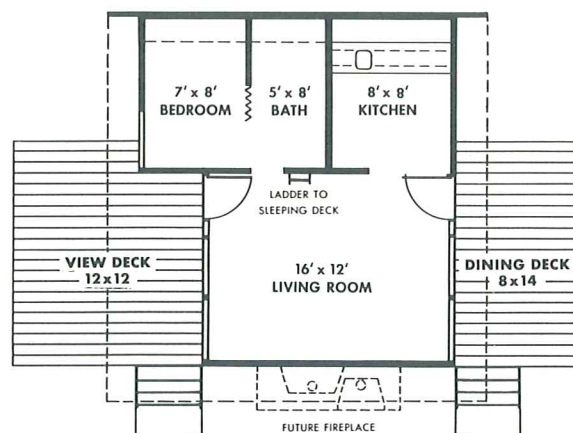
used for an extra sleeping area or storage. Expansion in front and rear can include possible dining room space and yet another bedroom. This simple yet ample design is pointed toward easy owner construction from the durable plywood roof to the siding which is nailed directly to studs with battens over joints, sealed with non-hardening mastic for weather tightness. Siding may be stained



A unique hooded fireplace is the focal point of the spacious living room. Also serves as "central heating plant" on chilly evenings.

Cabin

or left to weather, relating exterior texture and simple construction more closely to a natural woody or shoreside environment. No plumbing, heating or electrical work is included in the basic plan—but all can easily be added. This is another cabin that can be largely pre-built at home in sections and assembled quickly on-site on a foundation of pre-positioned, pre-cast concrete piers.



Plenty of outdoor deck space—completely separate living and utility areas are outstanding features of this floor plan.

DESIGN NO. 3 DFPA SECOND HOME



Weekend Beach

You'll find yourself graduating from spending weekends only, to weeks-on-end when you move into this designed-for-fun cabin by architect Frederick Liebhardt. Planned for a family of five—it will sleep eight persons easily without ever resorting to sleeping bags.

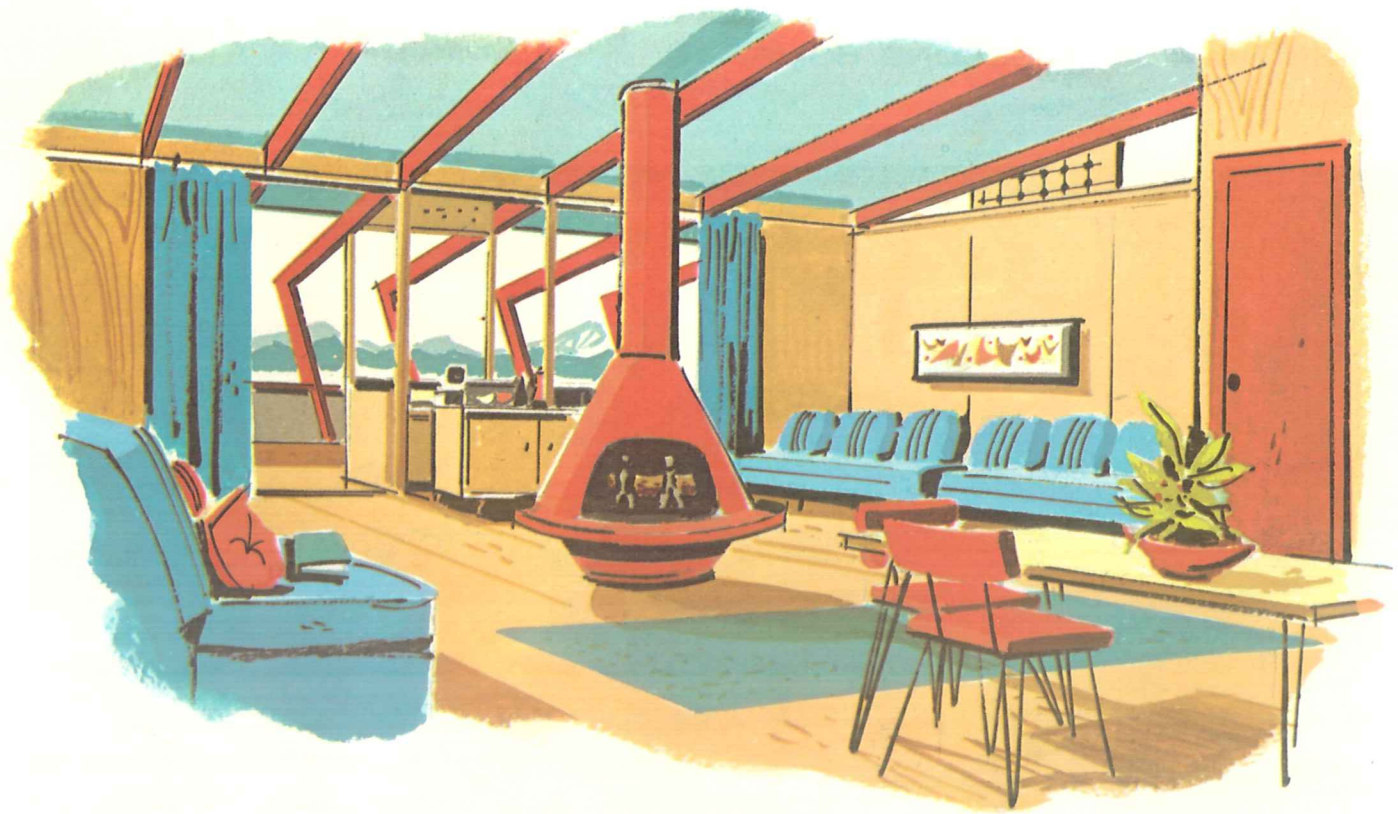
A cheery central fireplace takes the chill off cool summer mornings and evenings and helps to stretch the cabin season at both ends. It also serves as an accessory cooking

facility when overflow crowds arrive.

Tidy compact built-in kitchen divider and the corner bath and shower stall leave more room for living yet provide all the necessities you'll need.

The sloping rafters over the commodious sundeck can be left open to the breezes or covered for additional shelter.

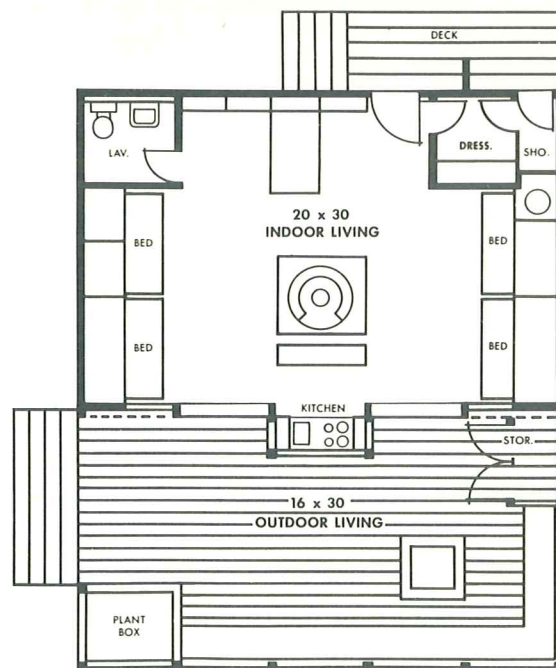
Designed for economy, a single thickness of Exterior fir plywood



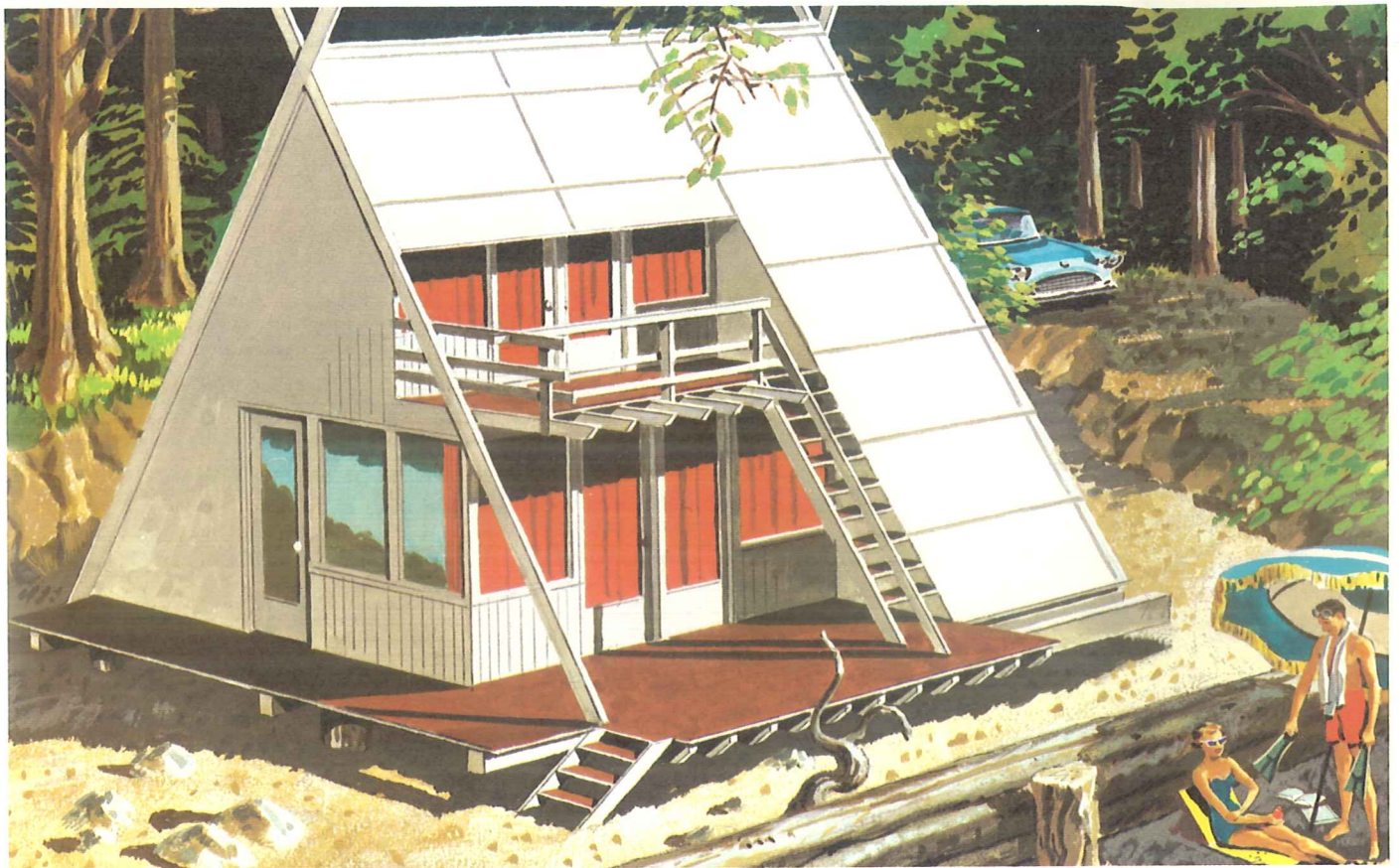
Bright, airy interior provides maximum room for relaxing—keeps utility areas to a minimum without sacrificing convenience.

Cottage

serves for siding, sheathing and interior facing, which simplifies construction and saves on materials. Use regular Exterior fir plywood or Exterior plywood with a smooth, fused-resin overlay for better paint-ability. In years to come you'll praise the durability of modern, all-fir plywood construction while enjoying the comfort, beauty and easy maintenance of this modern weekend cottage of sturdy, durable plywood.



Note convenient, space-saving location of bath and shower in this plan view.

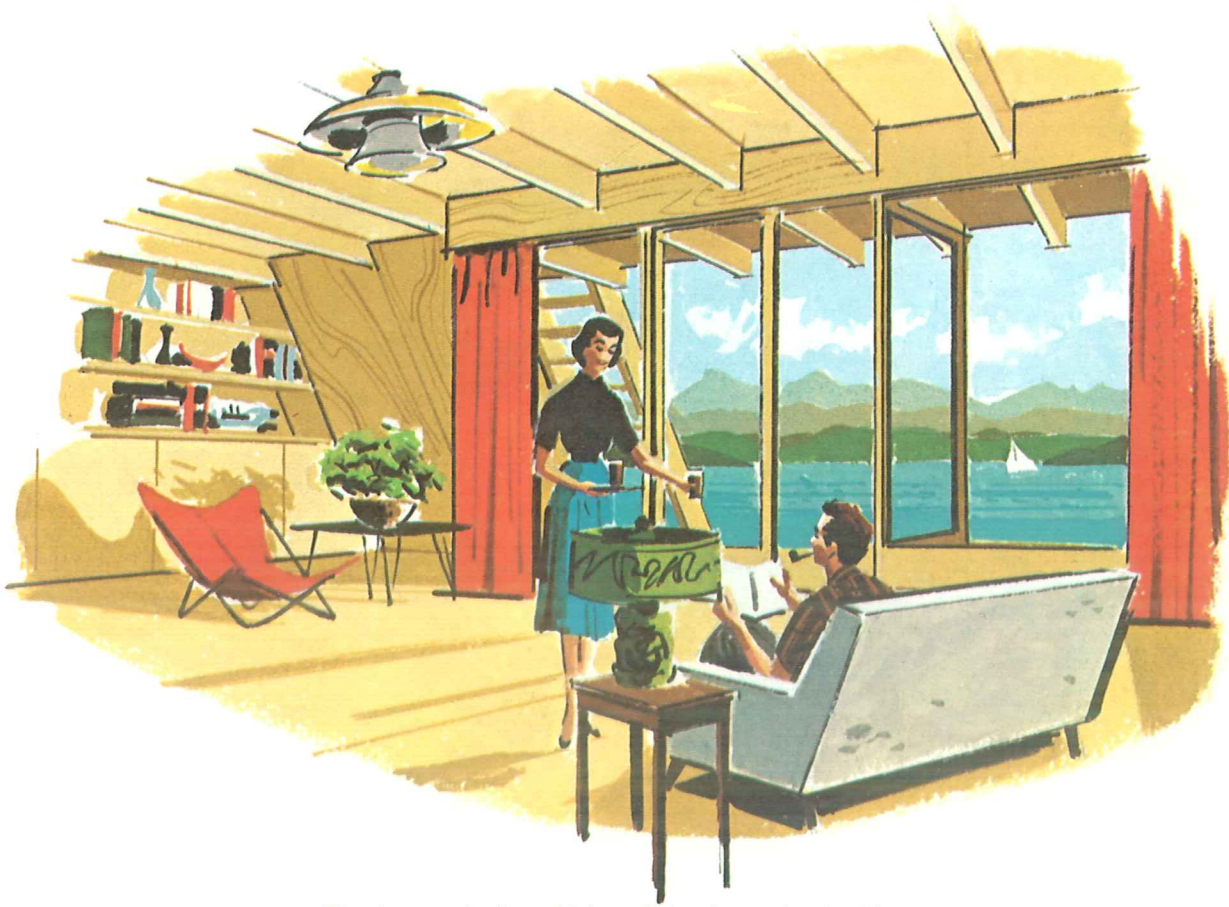


Double-Deck A-Frame

If you lean toward something different in your second home try this double-deck A-Frame style which was designed and is owned by Dr. David T. Hellyer, Tacoma, Washington. Although the A-Frame has been used for many types of storage and shelters (its origins are in antiquity), this design represents one of its latter day applications to a dwelling. The structure rests on king-sized base beams supported by nine concrete pilings. The

roof of full-size Exterior fir plywood panels acts as both roof and walls. Properly edge-butteted and nailed, the strong durable DFPA Tested-quality plywood panels provide the lateral rigidity that's needed with this type of frame.

Typical of the building economies made possible by use of large, light, easy-to-handle fir plywood panels is this construction shortcut: the Texture One-Eleven "grooved" Exterior type plywood

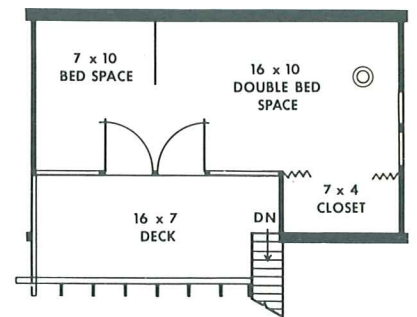
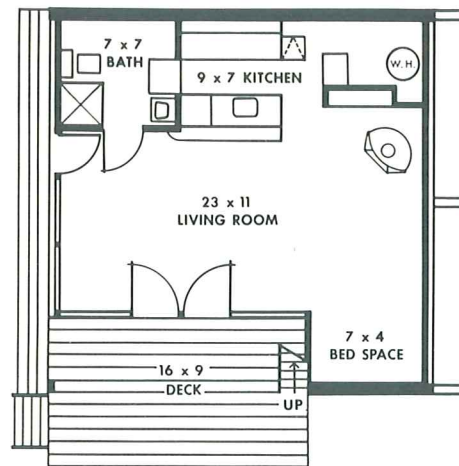


There's room for lots of leisure living in comfort in this spacious downstairs living room. Bedrooms are upstairs with private entrance.

Beach Cabin

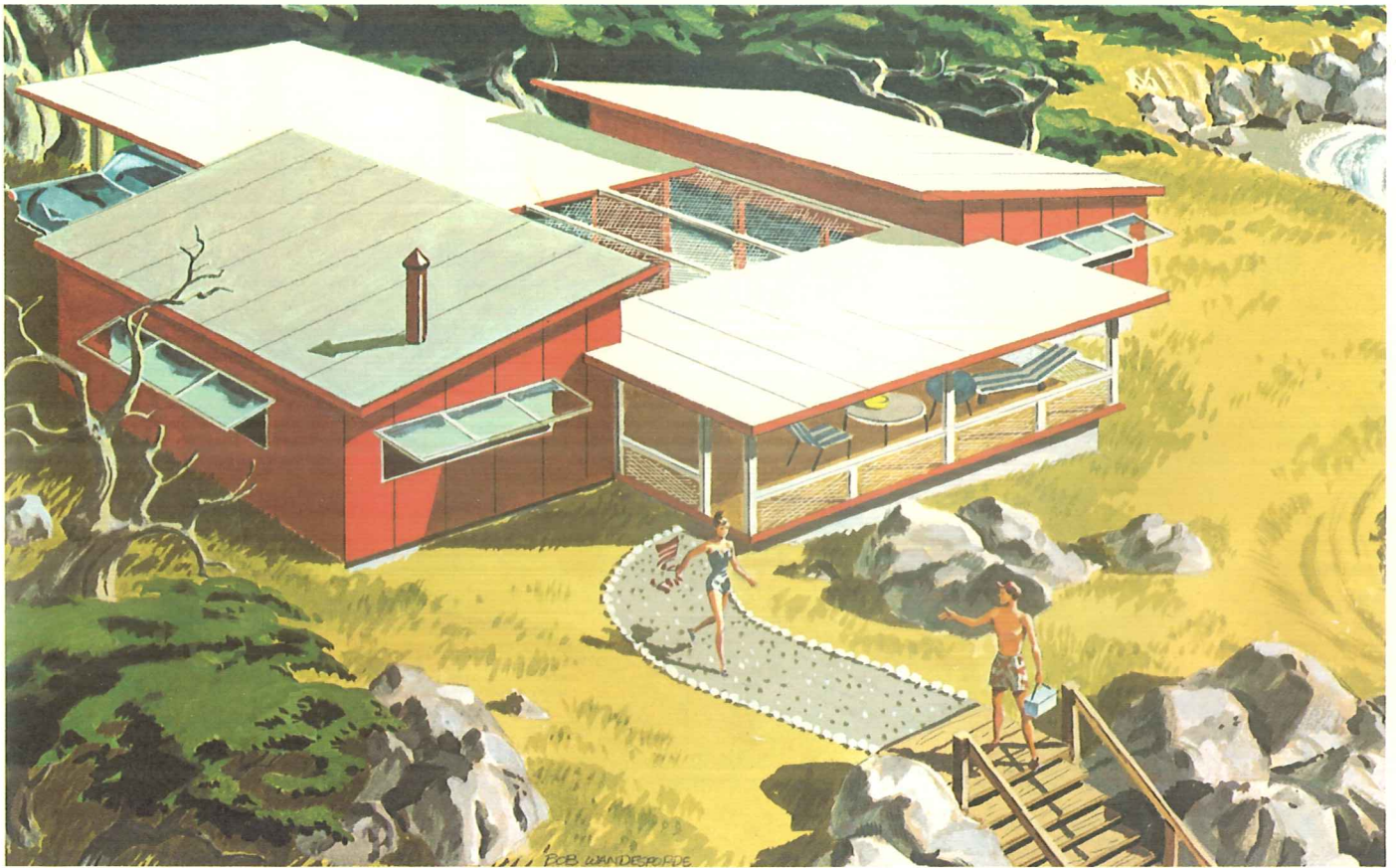
panels used in side sections can be nailed up at the owner's town house during the winter months for assembly during warm weather on the building site, saving both time and labor.

The A-Frame cabin has two top-deck bedrooms which are reached from an outside stairway; the lower floor is left free for living with a spacious porch, built-in kitchen and bathroom and large living room.



Kitchen, bath, living and outdoor lounge areas are exceptionally well oriented in the A-Frame design.

DESIGN NO. 5 DFPA SECOND HOME



Seaside Summer

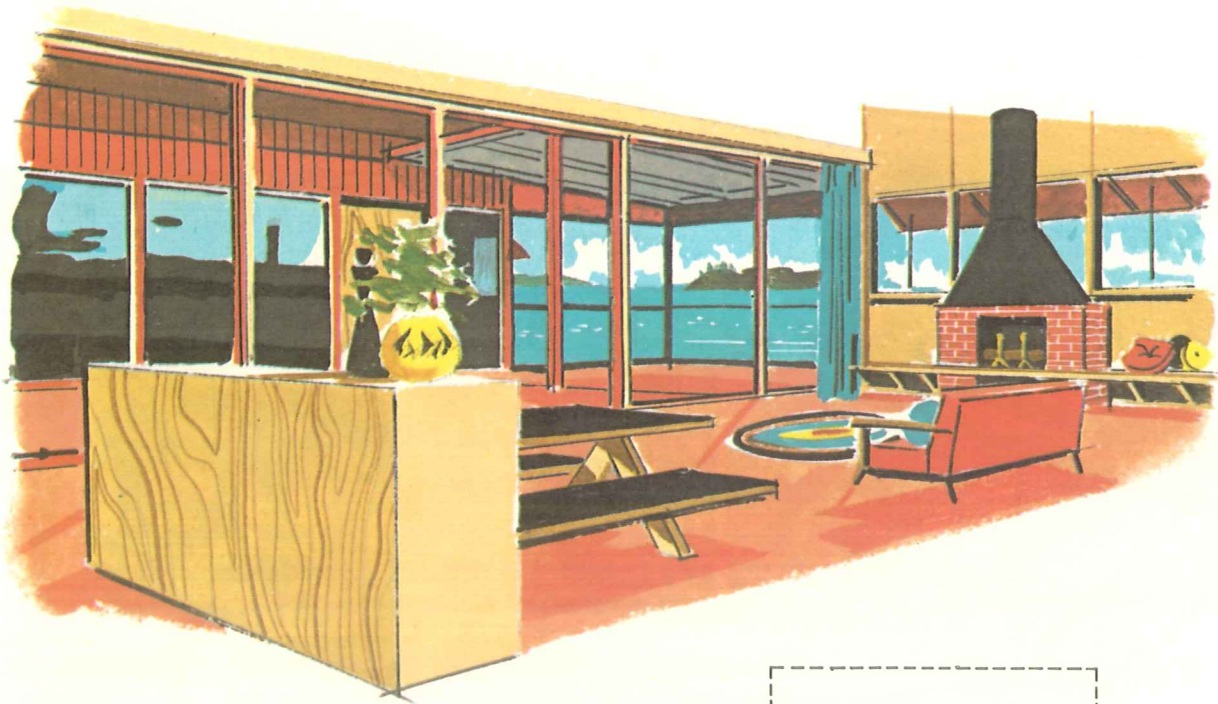
Architect Philip Thiel has put two completely conventional buildings together here in a way that departs from the conventional in an unusually charming and practical way.

Two small cabins—one for living and one for sleeping—face each other across a partly roofed, screened court. Carport, bathroom, and storage-utility space opposite the viewing porch complete enclosure of the court. The court can serve as a private gar-

den, barbecue center, sunbathing area, off-the-beach playground—or all four at once.

This “compound” grouping lets you enjoy a longer season of leisure-time home enjoyment. Designed for a family of four, yet there’s plenty of room and privacy in the sleeping wing for guests.

Doors slide open onto the courtyard from both living and sleeping areas for spacious informality and easy traffic flow. Outside windows

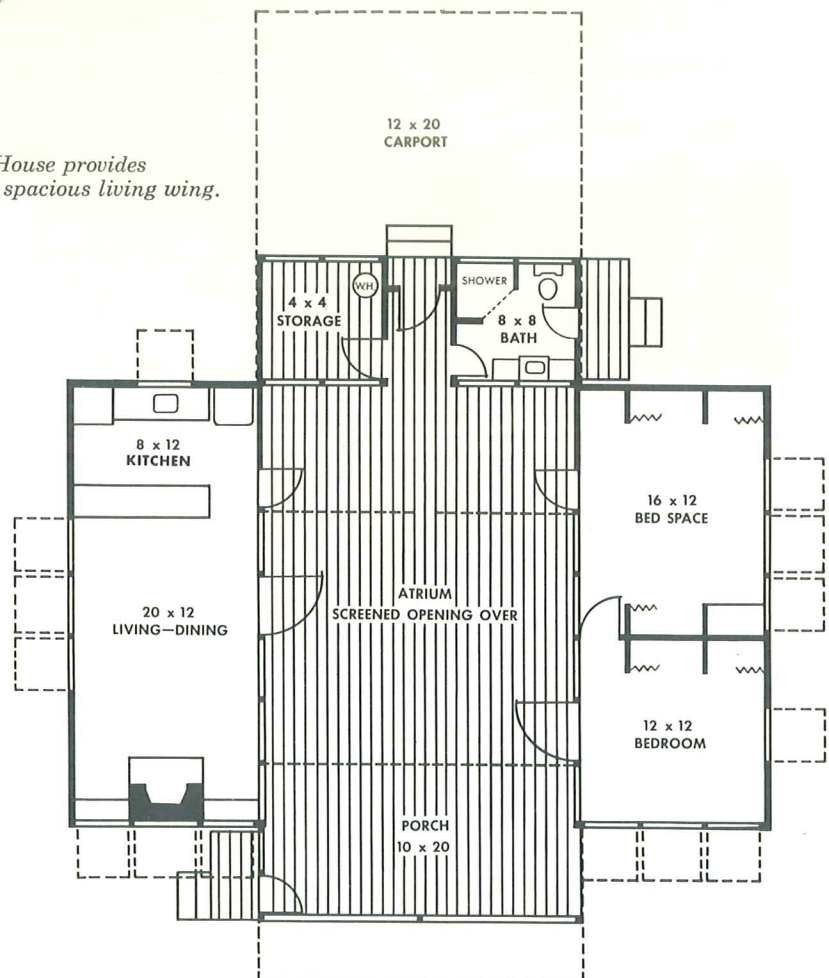


Properly located on your lot, the Seaside Summer House provides a sweeping panoramic view from the many windows of its spacious living wing.

House

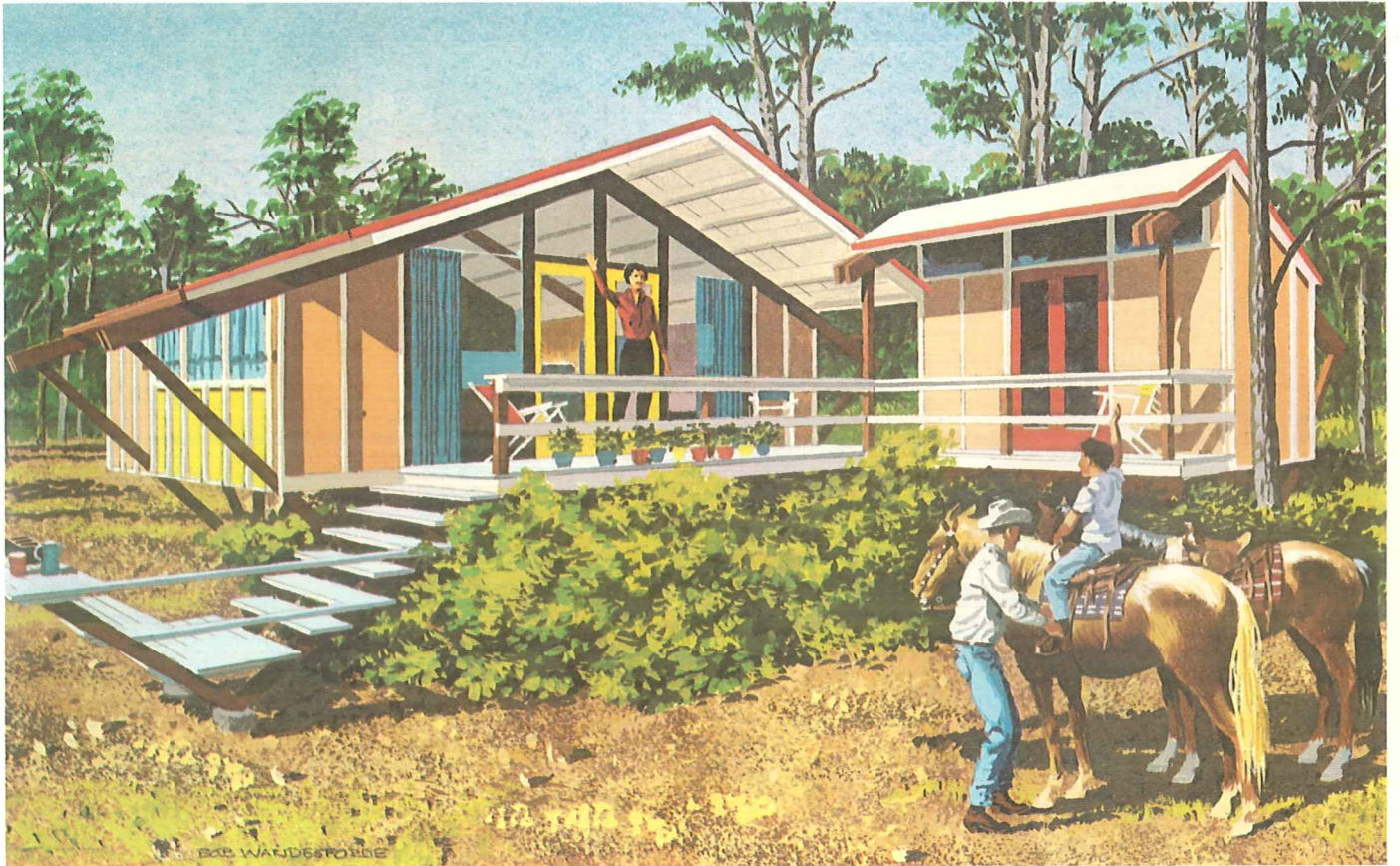
have hinged fir plywood panels—sunshades in summer and shutters in winter. Here again, big, light-weight panels of fir plywood used for sheathing and subflooring speed and simplify construction—keep costs down.

The interior can be left unfinished for maximum ease of upkeep, the warm natural tones of the plywood creating an atmosphere of relaxed informality.



Plan view shows "Compound" arrangement of Seaside's basic units. Note the huge centrally located multi-purpose deck.

DESIGN NO. 6 DFPA SECOND HOME



Budget Priced

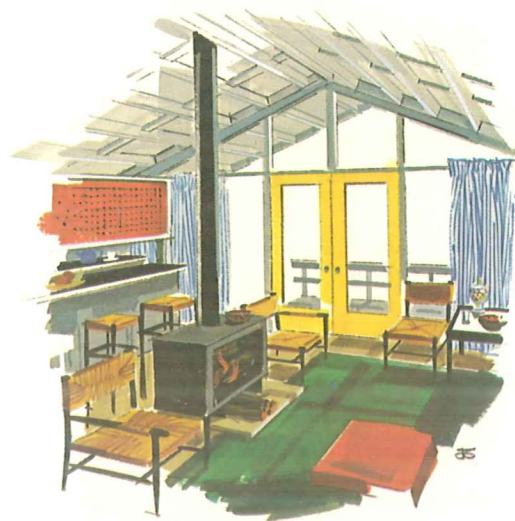
“Give us a vacation house that’s low in cost—yet one with charm and livability.”

Faced with this challenge by Douglas Fir Plywood Association and the editors of *Woman’s Day*, Architect George Matsumoto achieved the almost ideal solution. Starting with a simple structure—and making full use of fir plywood’s unique advantages—he created a holiday home which the

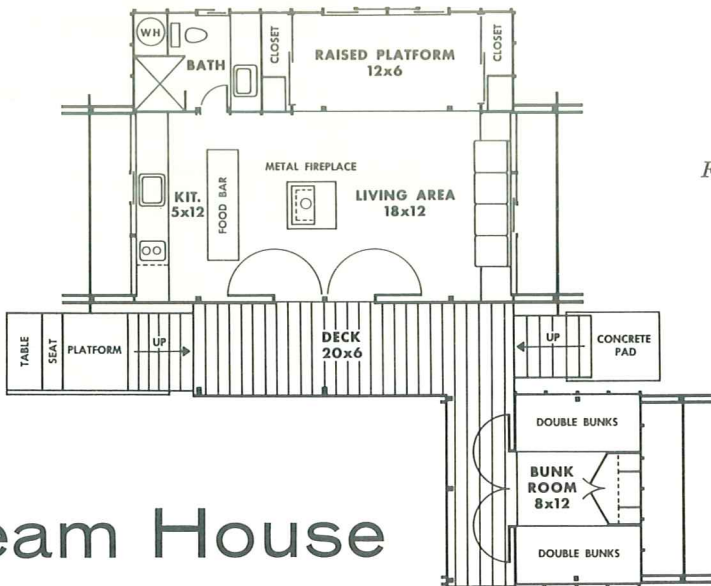
experienced amateur carpenter will have no difficulty building. Best of all, the cost of minimum construction materials and basic fixtures for the main house will average only \$1,500; more elaborate fixtures, higher quality materials, or greater attention to finished appearance will raise that figure a bit. But even so—and even if you hire out all or part of the work—you’ll have an excitingly



The built-in settee is an invitation to relax. Fir plywood makes this kind of feature easy to build.



Fireplace location provides a point of interest—plus “central” heating for chilly mornings.



Dream House

different summer place at a truly budget price.

One big feature of the total plan is the completely separate living and sleeping areas—especially important for the younger set. Another feature you'll like is the fact that the structure is planned to adapt to almost any site requirement. Here again, fir plywood's versatility helps to create a lot of cabin for little money.



An elegant oriental touch—the raised living platform off the big central activity room.

DESIGN NO. 7 DFPA SECOND HOME



Three-Stage

Do you have basic woodworking skills—plus about \$900 for materials? If so, you're in! For that's all you need to get started on this luxury camp that grows into a charming home-away-from-home.

This first stage is simply a deck, roof, and a more-than-adequate storage space for camping gear. This is actually only a campsite—but with a difference. And it's planned to be "at home" on lake, ocean, bay or stream. In any set-

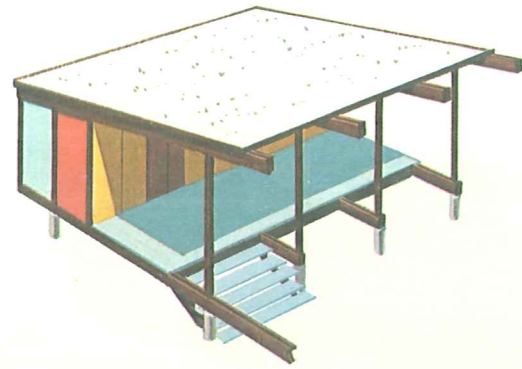
ting, it will serve you long and well with minimum upkeep.

Stage two takes this basic easy-to-build shelter a bit further toward ultimate vacationing comfort. You add a cooking unit, hot water heater, shower and toilet. You provide for better sleeping facilities.

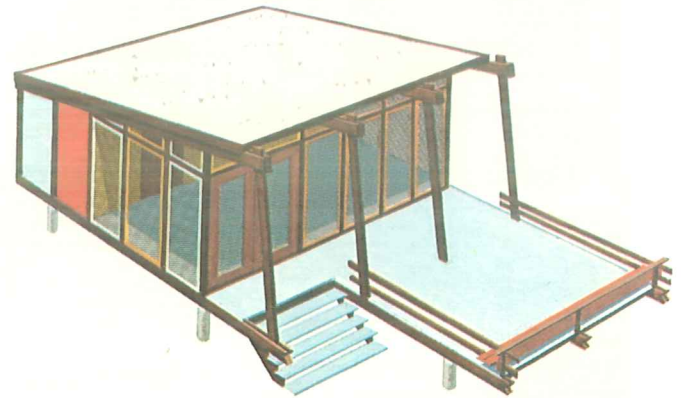
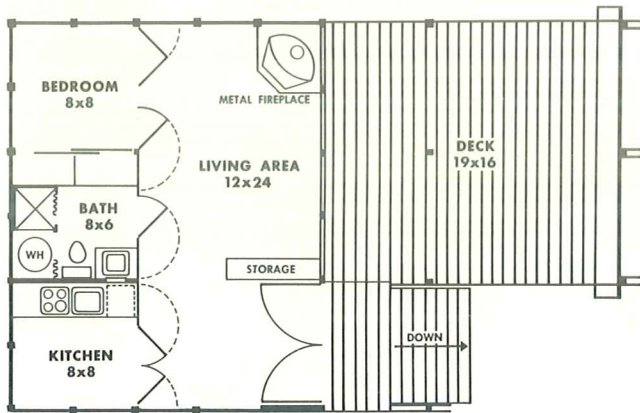
Stage three—when and if you want it—gives you everything you could possibly desire for a weekend or a season. You can even in-



You can put your family in this picture far easier than you'd ever imagine possible—thanks to the building shortcuts made possible by fir plywood construction.



1. Here's stage one: a simple shelter, with lots of deck and storage galore. A luxury campsite that can be opened up or closed in 10 minutes.

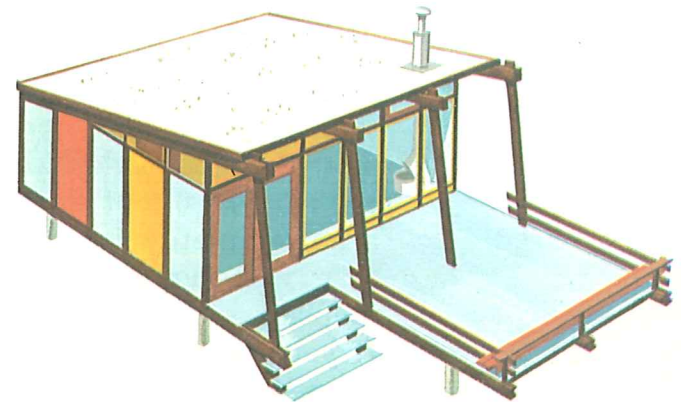


2. Stage two: storage area is converted to kitchen, bath, and bunk room. Deck may be partially screened, if you wish.

Beach Cabin

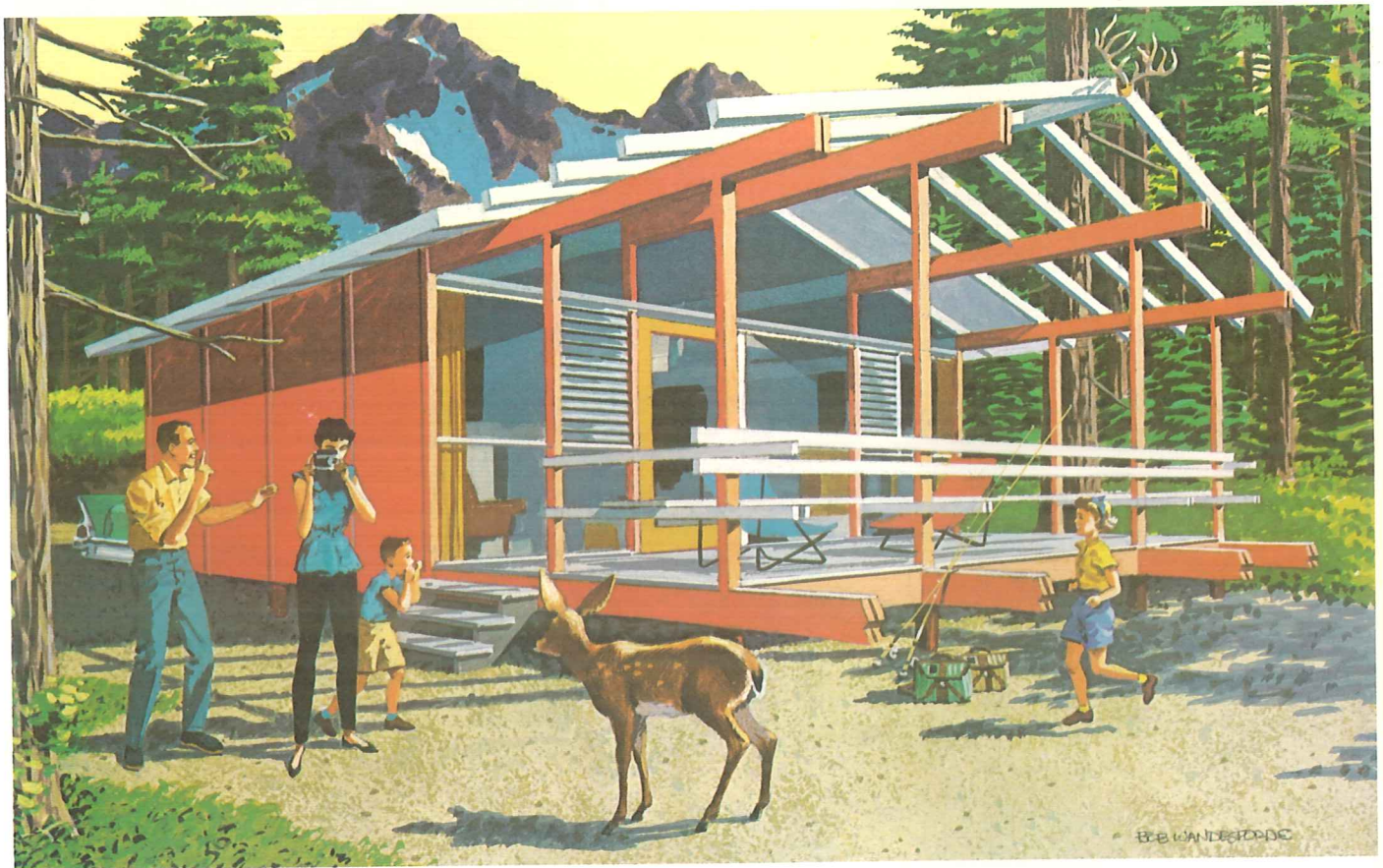
sulate and make it suitable for any time of the year.

At every stage, you'll find this cabin a delight—and you'll find it easy to build, too. Big, light, strong fir plywood panels make the work simple if you do-it-yourself, help keep down costs if you have it built professionally. So, if you want to get started now, yet plan for the future as well, this three-stager is your best bet for a cabin with a future.



3. Stage three: budget-wise luxury! You enclose the living area, add fireplace and other touches for comfort.

DESIGN NO. 8 DFPA SECOND HOME



Two-Stage Expandable

Another enjoy-as-you-build cabin, designed by Architect Walter D. Widmeyer with a shoreside location in mind. Here, stage one is more than just a glorified camp; it has a 16 x 20 foot sleeping-living area complete with kitchenette, toilet and shower, dressing space, fireplace, and a spacious sun deck. If yours is a family which wants more than basic comforts, even at the beginning, this plan should fit

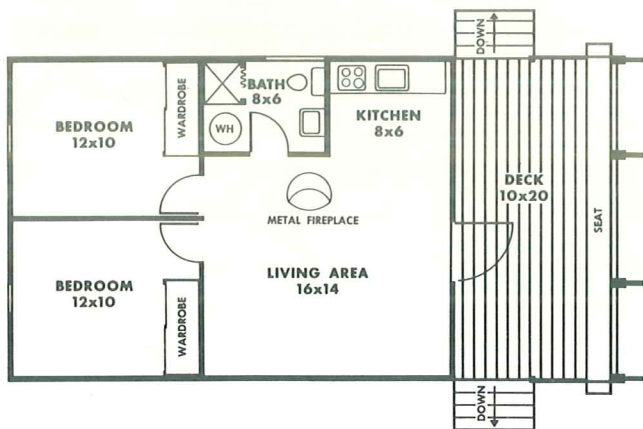
your budget today with room for future growth.

In the second stage, a 12 x 20 addition at the rear provides two bedrooms with sleeping facilities for up to six people.

Because Architect Widmeyer specifies fir plywood for walls, roof, and floors, materials for the first stage should only run you around \$1,000. Plywood makes it easy for you to build yourself; and even if



Bath adjoins kitchenette to keep plumbing costs at a minimum. The pre-fab fireplace provides a cheery centerpiece.



Deck area is planned for eating, for loafing, for sunning. It's open to the sky—and to cooling breezes.

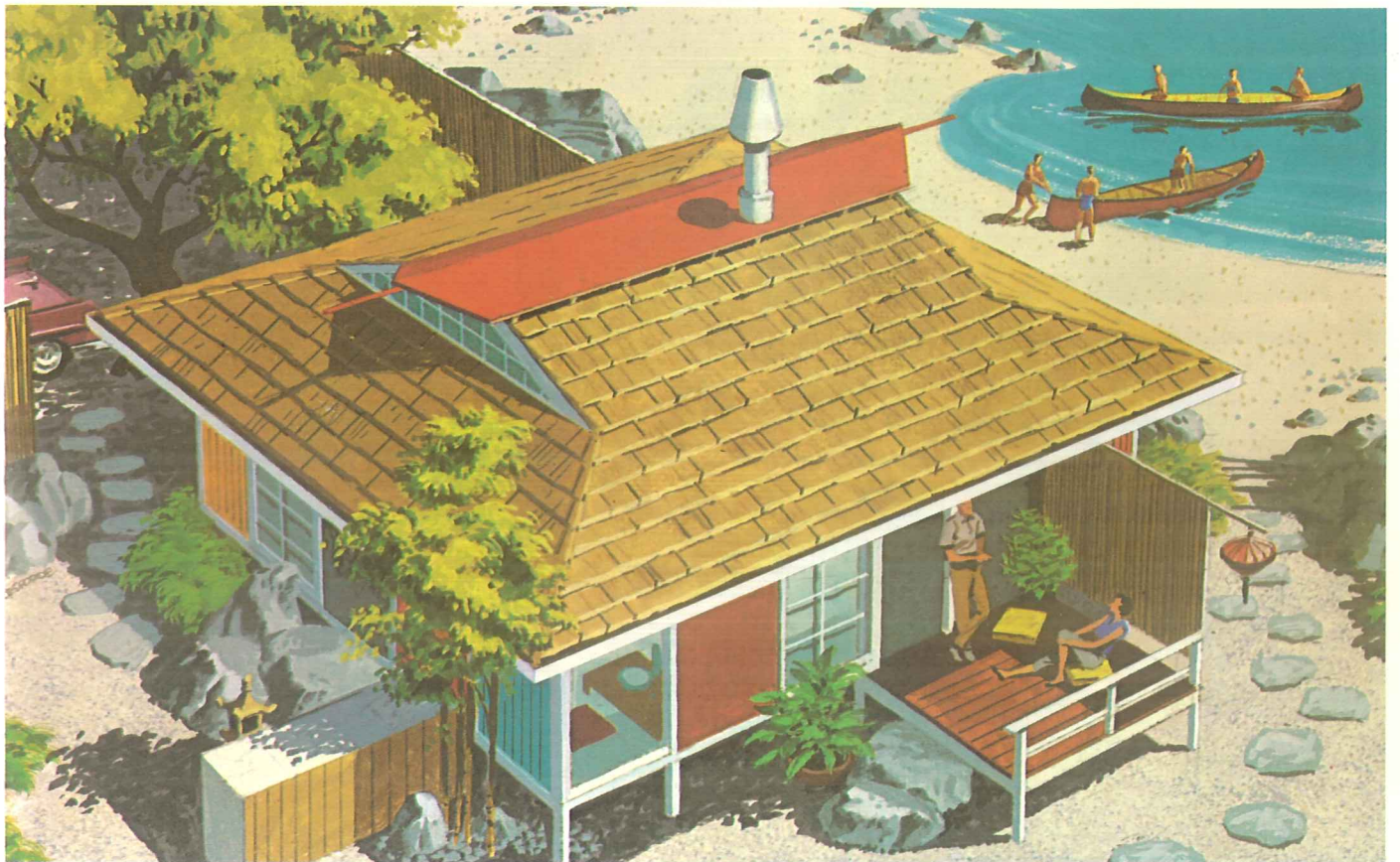
Vacationer

you contract the work, easy-to-handle plywood will cut building time and costs. Materials for the second stage should be about \$500; plumbing and fixtures, \$600. The complete job, for materials only, should not run much over \$2,100.

The "Expandable" offers a wonderful opportunity to get started right now at getting away from it all—on a scale that provides real holiday comforts on a budget.



Prefabricated fir plywood wardrobe—a convenience that's included in the basic plan of this expandable cabin.

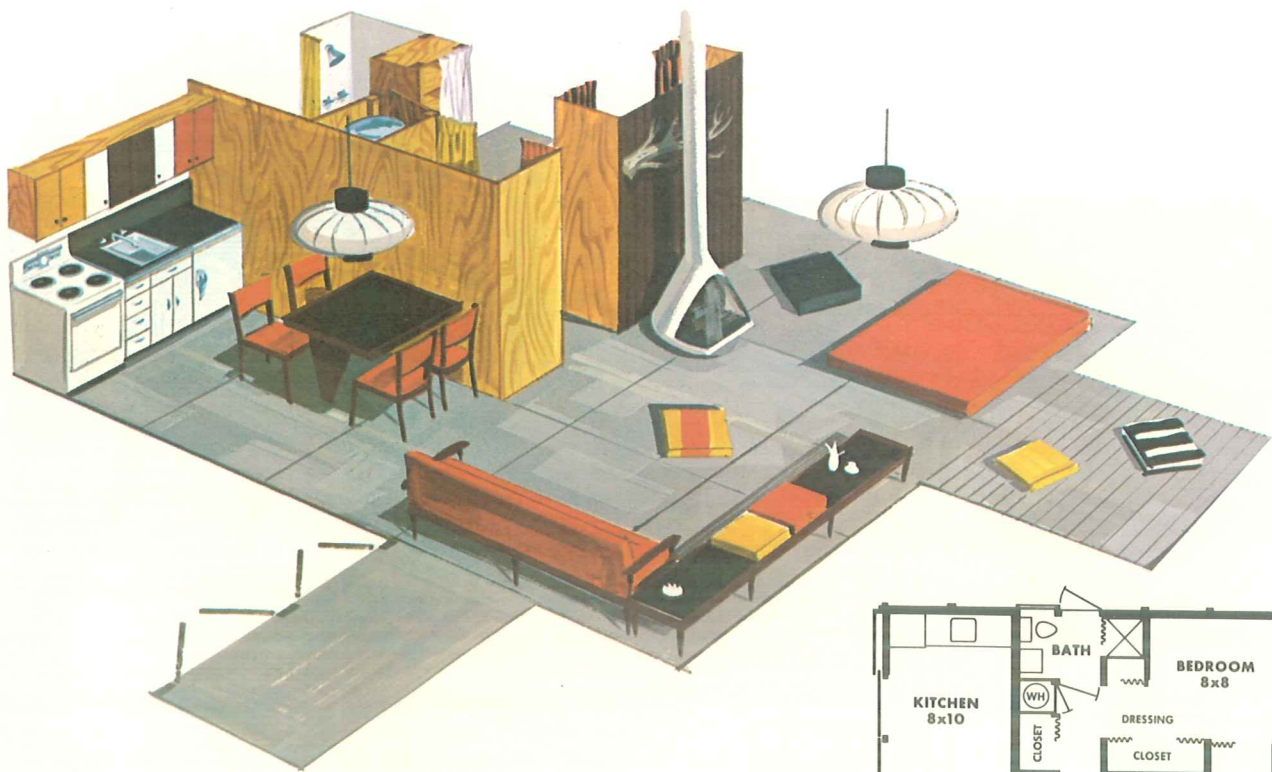


Charming Summer

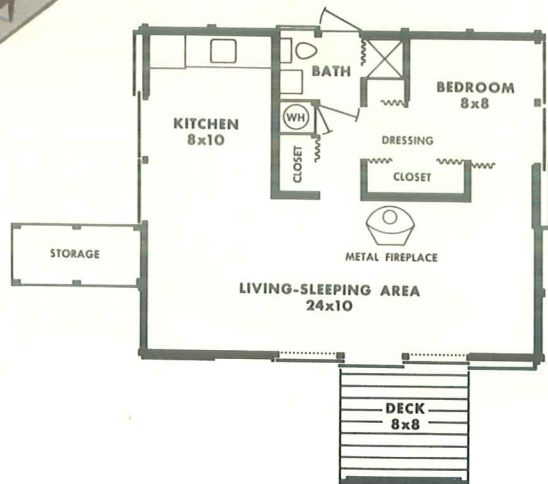
A touch of Old Japan, added to the occidental comforts and convenience you've come to expect—that's the charming Teahouse design by architect Laurence S. Higgins. Into a compact 20 x 24 foot shelter, he's planned a lot of vacation living with more than the usual luxury. Yet—because fir plywood is used to its fullest economy and most practical application—

the Summer Teahouse is meant for those who want to keep costs at a sensible level.

Siding and sheathing is one material—Texture One-Eleven, the grooved fir plywood that provides a pleasing pattern of vertical highlight and shadow. Flooring, roof decking, and built-ins are of fir plywood, too. And because Architect Higgins has planned for



Designer's eye-view shows how maximum livability can be planned into minimum space. Bath features handy outside entrance. Area behind low couch is for storage, accessible from outside.



Tea House

construction simplicity, the wall sections and roof trusses can be pre-assembled and hauled to the site for easier, faster erection.

Designed with plenty of window area to take advantage of a marine view, the Teahouse can be built on concrete piers, right at the water's edge. Yet it would be as suitable for a mountain or view location, if that's your favored site.



View of living area shows subtle blend of eastern and western decor.

DESIGN NO. 10 DFPA SECOND HOME

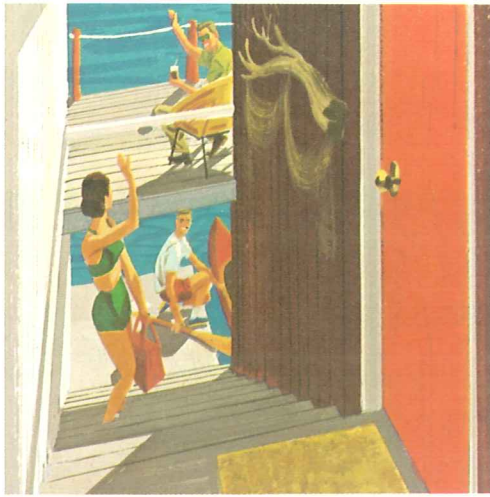


Beach-Head

Architect Milton Schwartz designed this cabin for Johnson Motors Family Boating Bureau and it is completely oriented to marine pursuits. Planned for a waterfront lot with a steep slope, it provides for boat moorage under the living area, reached by ramp from the side porch.

Ideal for a couple or a small family, Beach-Head has limited living space—about 275 sq. ft. Yet

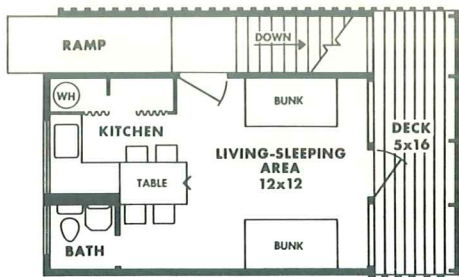
it's designed for comfort and maximum use. Bunk beds fold down; kitchen and bath are compactly arranged at the rear of the structure. Entry is by ramp from the side. The deck area is 50 square feet; it could be enclosed to provide a sleeping porch if desired. Fir plywood flooring, roof decking, and combined siding-sheathing speed construction and keep costs down. The Beach-Head's basic



Steps lead down to floating dock, where your boat is safely moored, under cover.



Kitchen is compact, convenient, complete. Snug as a galley—and twice as handy.



Cabin

materials can be purchased for around \$1,400—not including wiring, plumbing, or kitchen fixtures.

If your need is for a minimum shelter, with comfort, on a suitable waterfront lot, Beach-Head may be the best possible answer. And remember...the design is so arranged that it can be enlarged, either at the sides or in front depending on the type of lot.



Sofas by day—bunk beds by night. Just like a family yacht, and out over the water, too!



Shoreside Homarina

This cabin is perfect for the family to whom a second home is a place for boats as well as people. It has a seafaring air about it from stem to stern—yet it's snugly anchored to shore. The Homarina, designed by architect Milton Schwartz provides secure boat storage plus over 400 square feet of comfortable, practical leisure living space, *plus* a large deck right at water's edge.

The living area is arranged into

compact sleeping, cooking, social and bath areas. Step from this on—to the big deck out front (room to grow here)—then down a short ladder to the floating dock where your boat is moored. Could anything be finer?

In the Homarina, fir plywood again helps keep costs way down. If the recommended medium-density overlaid fir plywood is used, materials should run you be-

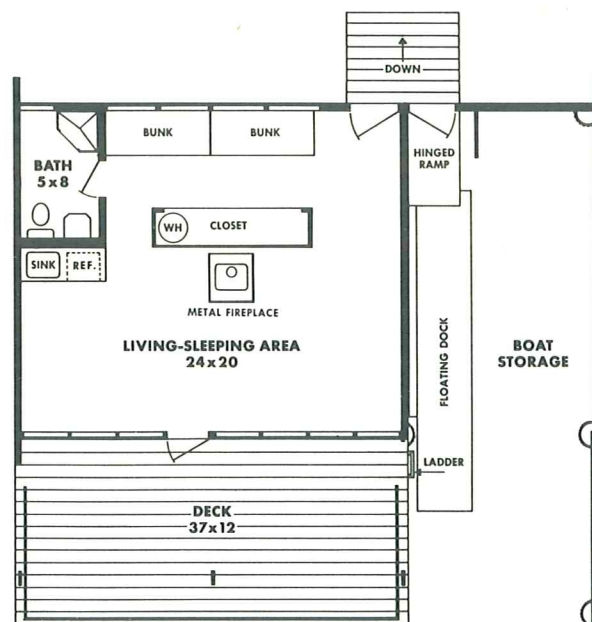


Overlaid plywood serves as combined siding and sheathing on walls. Plywood assures lateral rigidity which this type of structure requires.

and Dock

tween \$2,500 and \$3,000. Overlaid plywood is specified because it provides an extra measure of durability. Less expensive grades of plywood would reduce the estimated figures, of course.

Architect Schwartz designed this right-on-the-water shelter for Johnson Motors Family Boating Bureau. It rests firmly on concrete piers or preservative treated wood piles.



Floor plan shows well-designed use of space, both inside and out.

DESIGN NO. 12 DFPA SECOND HOME



"Convertible" Second

Here are most of the comforts of your city home in a 960 sq. ft. economy cabin by architect Henrik Bull.

Designed for two-stage development, it can be built for around \$3,200 in the first unpainted rustically furnished stage. This includes wiring, plumbing and carpenter's labor but does not include the lot

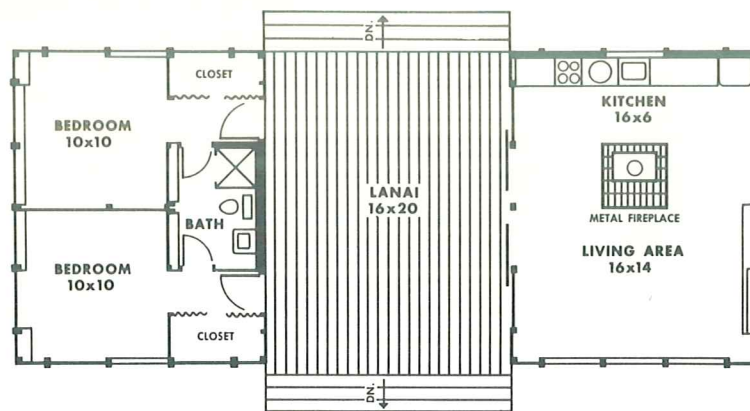
or septic tank installation. Architect Bull achieves the construction economies and livability of conventional box-like structures but eliminates the boxy appearance with two rectangular units—one for living and one for sleeping—connected by a 16 x 20 foot sun deck sheltered with a "convertible" canvas covered gable.



The "convertible" topped sundeck separating the two cabin wings provides a barbecue center, patio space or extra play area. Canvas cover can be easily rolled up or down for shade on hot days.



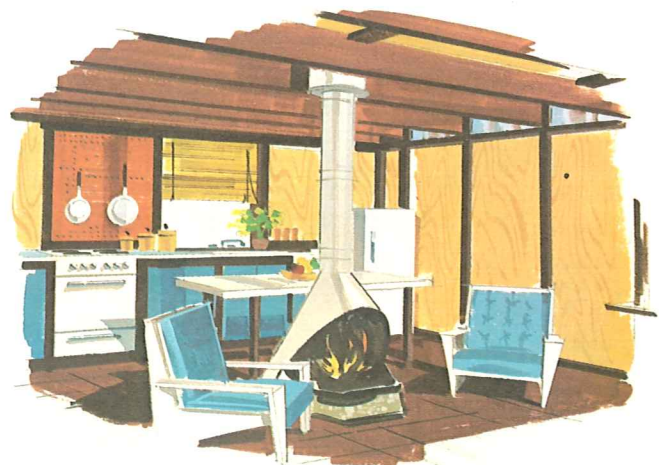
Simply but comfortably furnished, the spacious living room accommodates the big weekend crowds...and with sleeping bags provides plenty of spare emergency bedroom space.



House

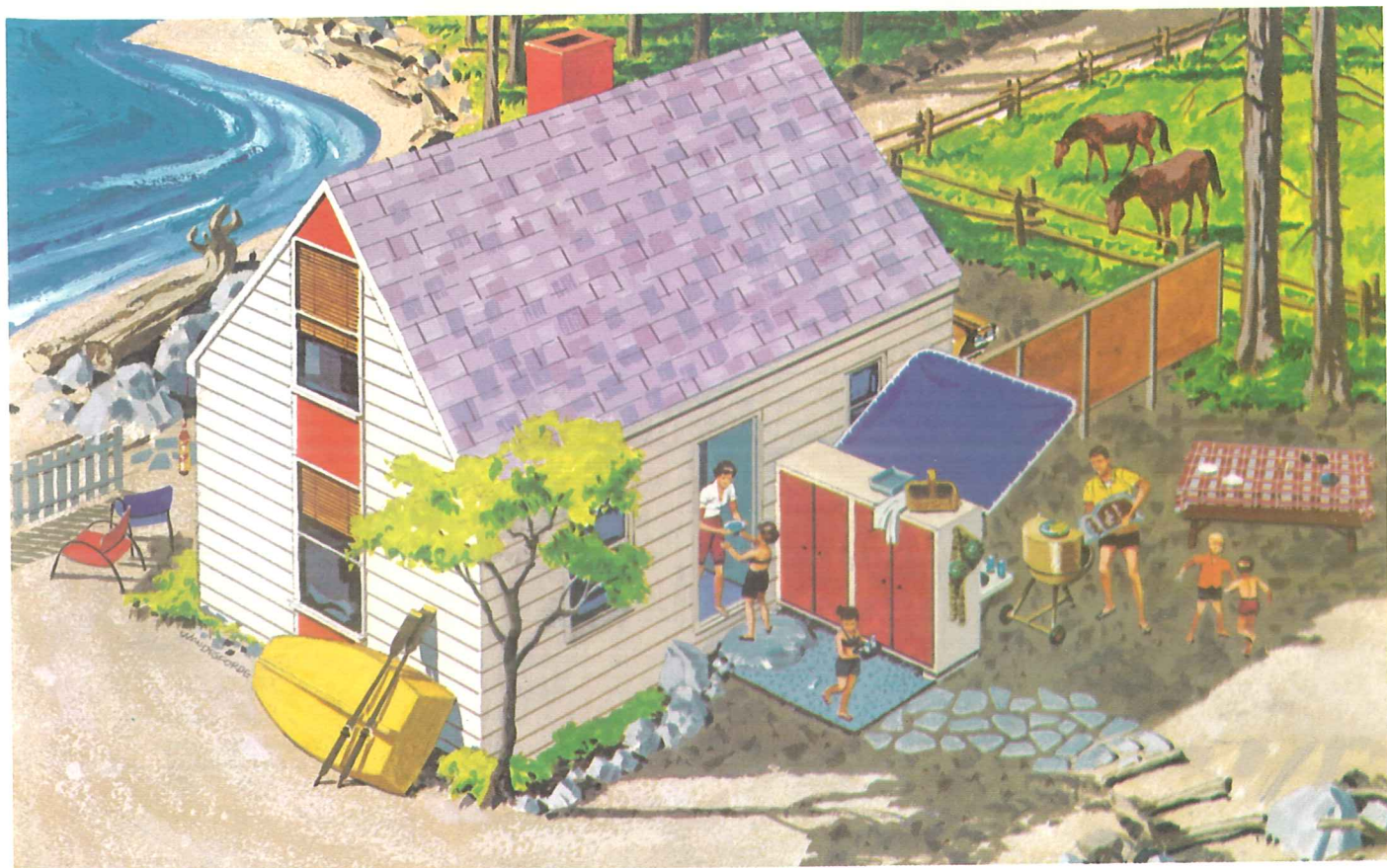
The bedroom wing sleeps a family of five comfortably and a large weekend crowd can be accommodated by using sleeping bags and turning the deck and living area into emergency bedrooms.

When you decide to turn this into a full time home, it's a simple matter to add insulation, wall paneling and central heating.



Here's room for genuine relaxation without the "rough edges" of usual vacation cabin living. Note the compact kitchen which provides all the necessities in a minimum amount of space.

DESIGN NO. 14 DFPA SECOND HOME



Charming Cape

Neat and trim as the Cape Cod style it was patterned after, this vacation home by architect Laurence Higgins is without unnecessary frills—yet it incorporates a surprising amount of space for just plain-down-to-earth relaxation.

The living room is 15'-4" by 10'-4" with room on the first floor for a 7' by 10" bedroom, a compact kitchenette and a complete bath with shower.

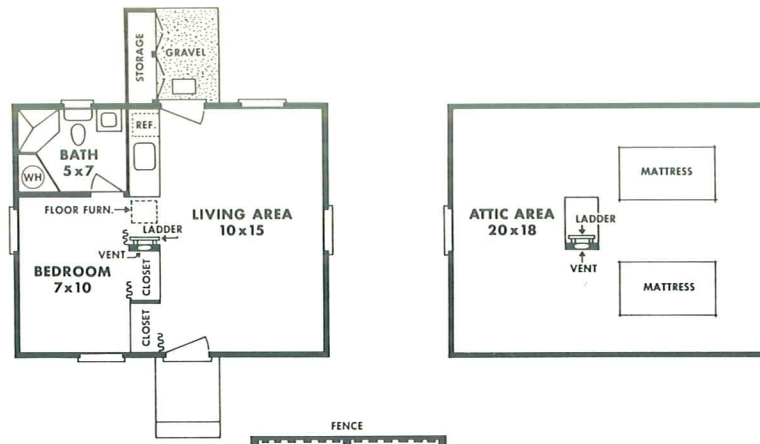
In the second floor sleeping loft, which is reached by an out-of-the-way ladder, almost any number of children can be accommodated. The loft may be divided into more bedrooms, or left as an open sleeping dormitory.

The Cape Cottage is made comfortable for year around living with an economical out-of-the-way central floor furnace.

Storage poses no problem in the



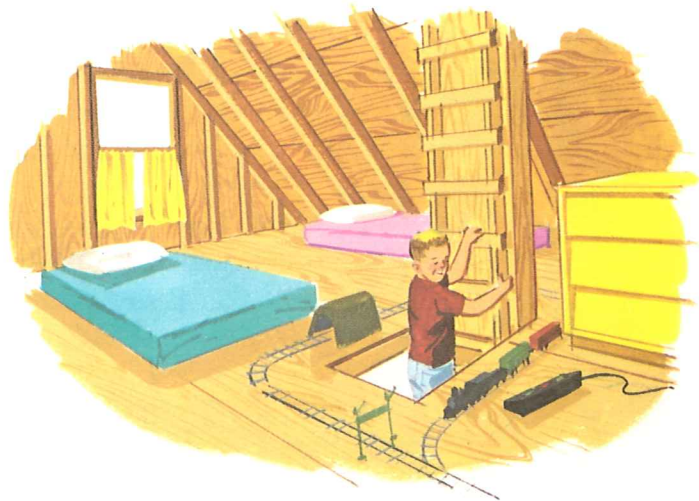
The large, uncluttered living room provides nearly as much usable room as the average town house for dining, cooking and relaxing.



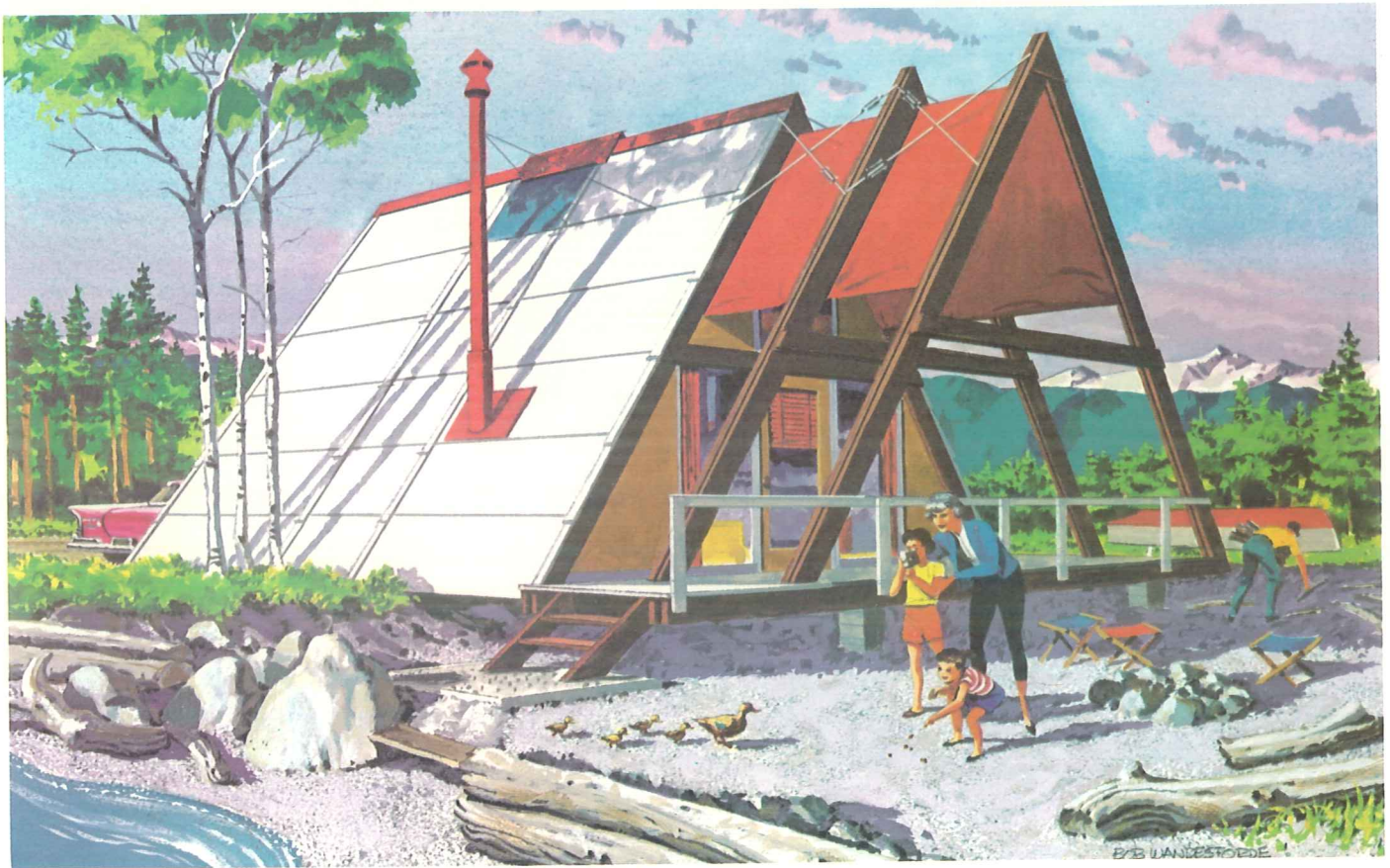
Cottage

Cape Cottage either. In addition to the large guest closet inside the front door, there's a wardrobe size bedroom closet and a big 5-foot-wide fully-enclosed outdoor storage shelter conveniently located just outside the back door.

The Cape Cottage, as is usual with most of the cabins illustrated in this booklet, can be completed in gradual stages as the budget permits and as space is needed.



Everything you need for comfortable leisure living is here—and what's more—it's handy.



The Ranger A-Frame

Here's another basic but striking A-frame cabin by Nagle and Associates, that's designed for the "blue snow" country.

Built-up 2" x 12" beams rest on big concrete piers which are sunk into the ground 3 feet below grade.

Of course, the steep pitched roof of Exterior fir plywood will not only shed the snow readily, but will resist mountain blizzards.

To relieve the spartan A-frame

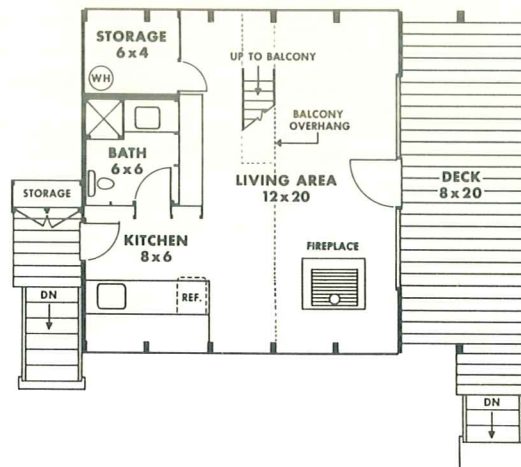
lines, an extra pair of A-frames have been extended onto the spacious sun deck to form a shelter from the sun in both summer and winter.

Inside, there's a wealth of wide-open wonderful space for taking your ease.

Your eating pleasure is amply provided for in the compact 6' by 8' kitchen. A complete bath including shower fits into a few



The Ranger's living room is oriented to take full advantage of the view with lots of windows facing onto the spacious deck area.



Cabin

square feet. The living room contains 240 square feet with a cozy corner fireplace that's perfect for warming up next to after a hard day on the ski slopes.

A 144 square-foot sleeping balcony overlooks the living room and is made readily accessible with a ship-type stairway. Fir plywood construction throughout the Ranger makes a tighter, stronger, longer-lasting vacation cabin.



The sleeping balcony and the open living room ceiling combine to add a sense of spaciousness throughout the Ranger.

DESIGN NO. 16 DFPA SECOND HOME



The Versatile Shorehill

David George, Dallas architect, designed this wide open cabin for the wide-open vistas of Texas, but it's just as adaptable and attractive on a New England seaside lot or in the mountains of the West.

Tailored into its small (448 sq. ft.) floor plan, you'll find a complete galley type kitchen; complete bath with a full-size shower; a 32 square foot closet and wardrobe; *plus* smart-looking built-in sofa

beds that will sleep four in real comfort.

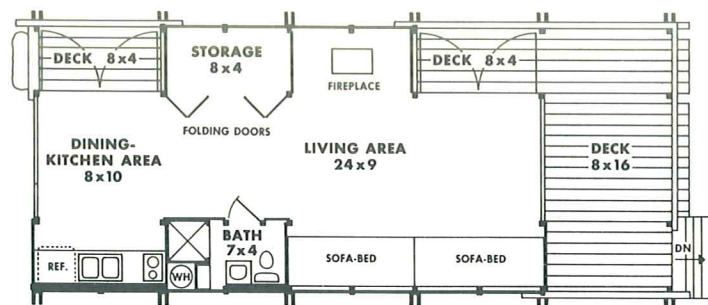
There's space provided in a snug corner for a prefabricated fireplace that will furnish all the "central heating" you'll ever need.

And, there's also a covered sun deck with 128 square feet of area solely for sunning and lounging... mighty pleasant on warm summer evenings.

Here again, fir plywood con-



Architect George succeeded in achieving a spacious interior yet divided cabin into its three distinct areas for living, dining, cooking.



Home

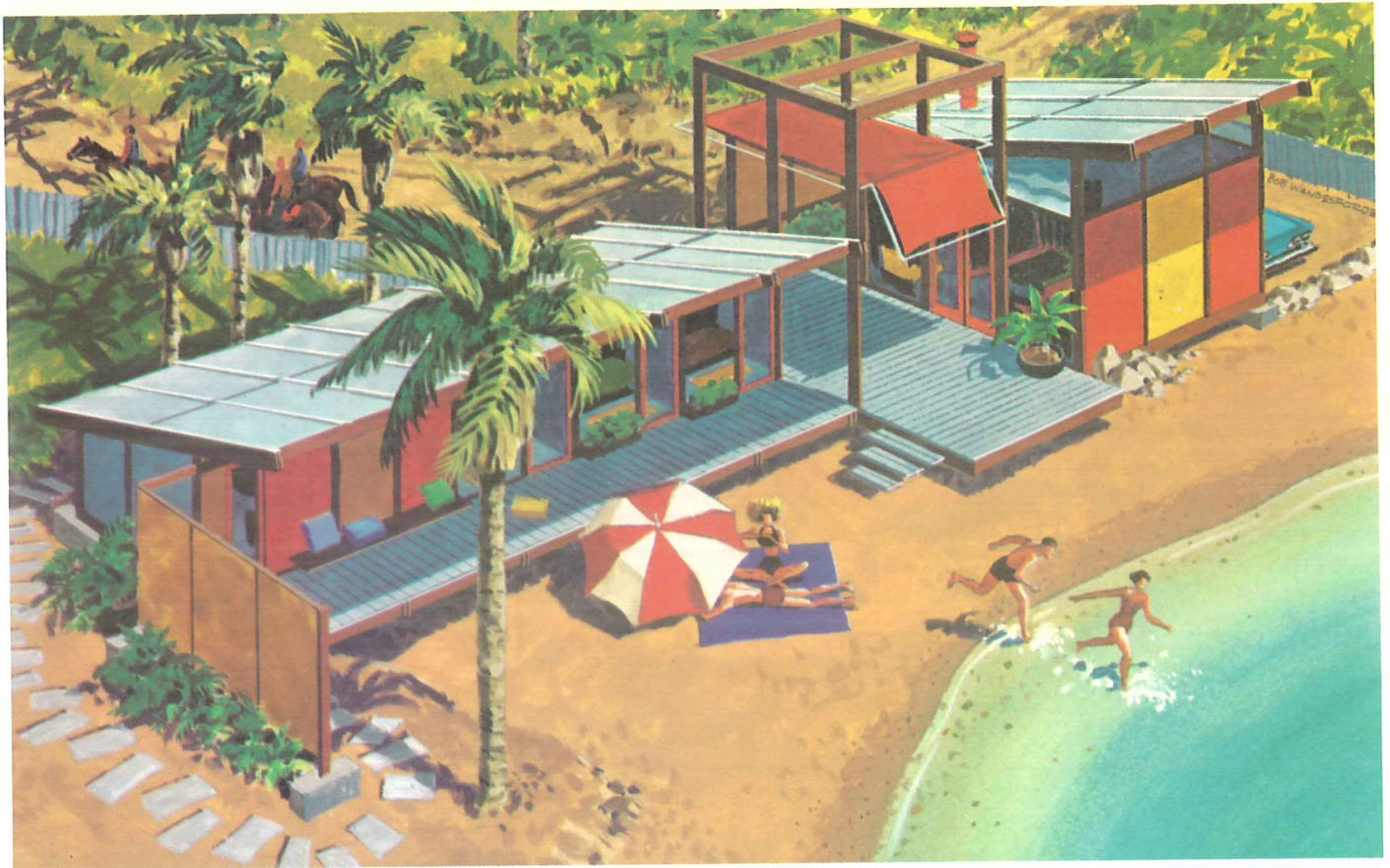
struction helps to keep costs down —style high. Exterior fir plywood serves as both inner and outer wall —presenting a durable paintable surface to the elements on one side; a warm friendly atmosphere inside.

Plywood's large consistent panel size makes it possible to take full advantage of the economies of modular construction...also presents possibilities for expansion into a full-time home later.



The out-of-the-way fireplace serves as a living room focal point.

DESIGN NO. 17 DFPA SECOND HOME



The Luxurious Loch

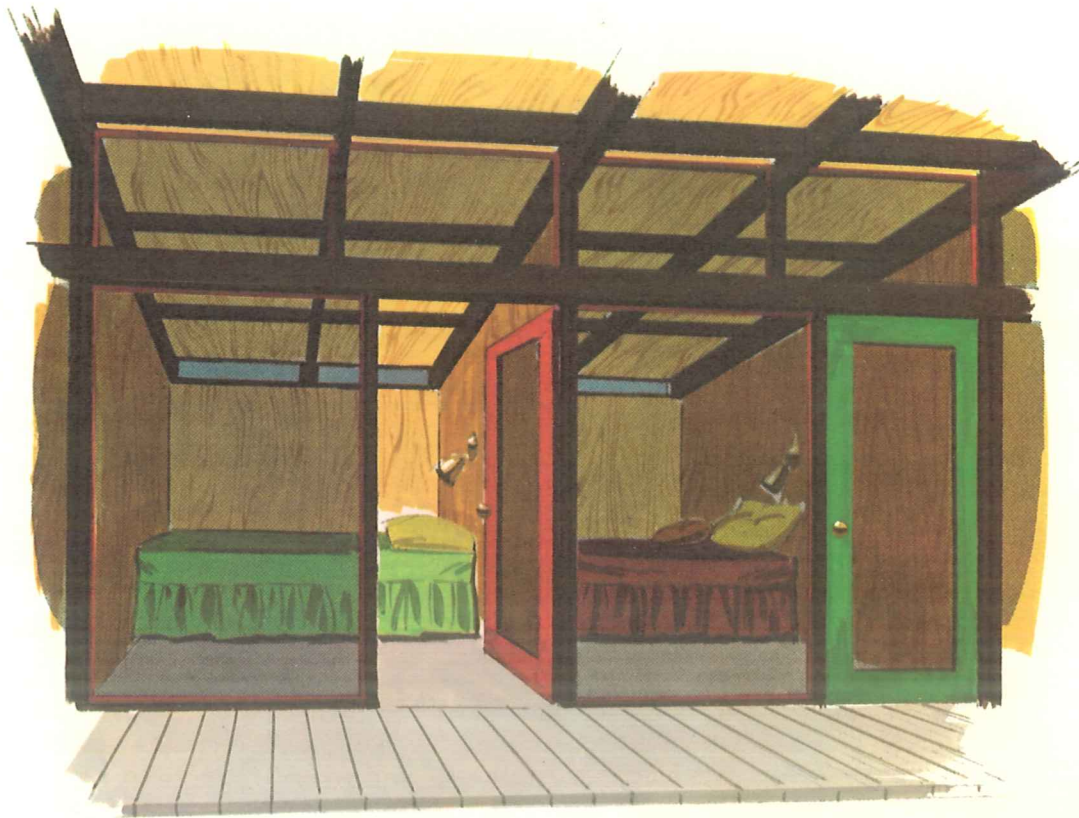
The Loch Haven is the "ranch rambler" of the DFPA cabin series. Designed by Architects Rogers, Taliaferro and Lamb, it has a luxurious Arabian Nights touch in its sunken living room and screened sleeping wing. On the other hand, its construction is strictly the down to earth American variety...featuring versatile, durable, practical panels of fir plywood throughout.

The Loch Haven is perfect for a

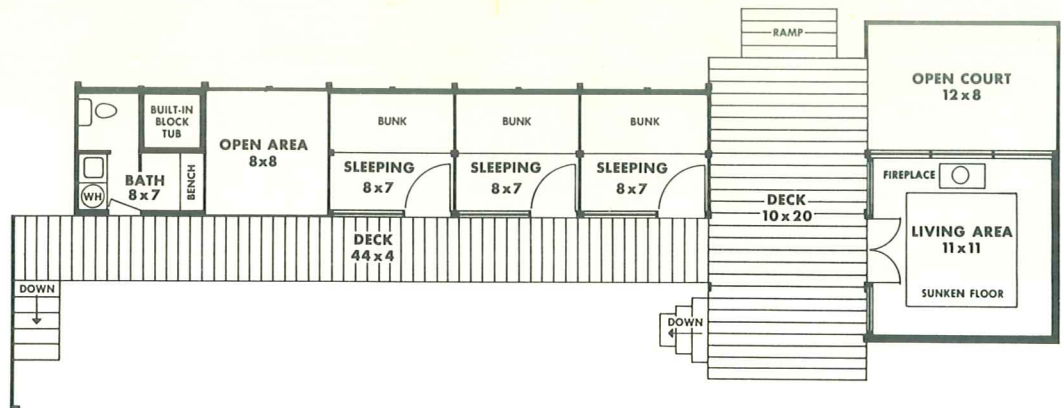
sheltered lakeside or riverbank setting, with every room facing the view and screen windows admitting cooling breezes.

The sunken 12-foot by 12-foot living room is completely separated from the rest of the cabin by a huge sun deck. Three separate small bunk-rooms provide sleeping quarters for up to 6 people if bunks are stacked two deep.

At the end of the line is a complete compact bathroom featur-



Three attractive screened bedrooms are completely separated from living area—provide absolute privacy and solitude for even the light sleepers.



Haven

ing a striking ceramic tile finished shower-tub combination.

The entire complex is tied together with a four foot walkway that also provides extra sunning deck plus a private outdoor lanai for each bunk room.

This is another cabin design that makes it easy for you to develop your vacation paradise on a budget. Start with the living room only, and add bedrooms and indoor plumbing as you can afford.



Salient features of the sunken living room are the low luxurious built-in sofas and cheery prefabricated fireplace.

**fir plywood
for indoor or
outdoor use**

INTERIOR DFPA

Interior-type is made with highly moisture-resistant (but NOT waterproof) glue. It will withstand occasional wetting during construction, but should never be permanently exposed to the elements.

EXTERIOR DFPA

Exterior-type fir plywood glue is completely waterproof. The bond is stronger, more durable than the wood itself. It cannot be weakened by time, weather, or even boiling water.



Douglas Fir Plywood Association • 1119 A St., Tacoma 2, Washington