

## Do-It-Yourself is Easy With Plywood Furniture Making

Five new build-with-plywood furniture plans from the board of a top New York designer offer the "do-it-yourself" enthusiast projects which will add sparkle to any home's furnishings.

You can get these plans free from the Douglas Fir Plywood

Association at Tacoma 2, Wash. DFPA is the quality maintenance and control organization of western fir plywood manufacturers. All of their plans are builder-tested and are designed for maximum simplicity of construction to gain the highest appearance value.

The plans by Norman Cherner typify the modern trend in free-form design, yet maintain a basic utility which fits them to a wide variety of decorator needs. They are adapted for construction without waste from the smaller cuts of plywood sold as "Handy Panels." This means they are economical to build and will not tax the ability of a rank duffer. The clean simplicity of the designs and the ease with which they may be maintained will be attractive to the home-maker.

In the list are:  
A flat desk suitable for inclusion in the living area decor, a six-drawer vanity chest with tip-up mirror and cosmetics box, a coffee table/planter designed as a week-end project, a base and wall cabinet combination to add storage space in the dining room or wherever else it may be needed, and a low table suitable as an end table or bedside stand.

All of the pieces have a functional reality about them which make them a pleasure to view. Alternate details provided in the standard plans adapt these furniture units to various decorator needs and differing ability of home craftsmen. None of the units should take longer than a weekend to build, even for the "first-time" amateur. Basic tools: hammer, saw, brace and bits, planes, square and screw driver will suffice. Each plan includes a materials list to simplify your order.

Douglas fir plywood is made from superior grade logs known in the industry as "peelers." Most peelers must be at least 30 inches in diameter. A large good grade peeler can in many cases be peeled into a thin strip of veneer many hundreds of feet long.

FLASHING SPORT FISHERMEN such as this one are built of fir plywood because it gives more boat for the money and provides construction advantages available in no other

marine building material—better strength-for-weight ratio, no caulking of seams, no water absorption. The material also lends itself readily to mass production.

## Plywood Versatility Proven In Construction of Boats

Fishermen and plywood boats go together like ham and eggs, like hotcaks and syrup, like a trout-hungry Isaac Walton and opening day of the season.

Fir plywood is the basic material in boats from six-foot pram dinghies through outboard runabouts, cruisers and sailboats, charter fishing vessels plying the gulf stream, flashing Gold Cup racers and on up to 60-foot deep sea tuna clippers.

And here are some of the reasons:

First, the big panels cover wide areas, shortening construction time, and reducing seam area and number of fastenings required. Cross-grained bonding veneers makes the panels split-proof, virtually puncture-proof and dimensionally stable. This means greater strength with less weight and at a sizable reduction in cost.

Plywood boats are simpler and require less setting-up time. Standardized assembly line methods can be used with plywood hulls at much lower cost than conventional boat building.

Most kit boats are designed for plywood simplicity this material allows. The big panel coverage, ease of standardization, mean that an amateur can finish a kit-boat before he gets discouraged. The complicated layout work has been solved for him and he can finish the project with only simple tools.

In the do-it-yourself field, the acceptance of fir plywood as a boat building material has gained a new meaning in recent years. More and more top marine architects have been designing for this material. This means the amateur can build a plywood boat of fine-lines, seaworthy, strong and durable.

Fir plywood is stocked by lumber yards throughout the country, but good planking lumber, properly seasoned is usually handled by only a few specialty yards. Exterior plywood for boat building as a general rule costs less than, or more no than, good boat lumber. (Only plywood with waterproof glue should be used on a boat and the proper grade should be selected for the job. Look for the edge brand "EXTDFPA". That means waterproof glue. Under no circumstances should an interior type of plywood be used on a boat—even for bulkheads or in the cabin.)

More than 500 plywood boat kits were sold by one Seattle dealer alone in 1951.



TEST PIECES of fir plywood without paint finish of any kind placed on industry exposure fences to subject them to actual weathering conditions over the past 15 years have established that Douglas Fir Plywood Association laboratory procedures actually do determine glue-line durability.

## 'Torture-Tests' Prove Use Of Plywood Out-of-Doors

The weatherman says "rain" says "snow" says "sleet and hail" says "sunny and dry" says "hot and humid"...

It's all the same to the fir plywood on the two exposure fences maintained by the Douglas Fir Plywood Association for

member mills of the west coast industry.

The proof of the pudding is in the eating, and the proof of a building material—no matter how good the laboratory says it is—rests in how well that material stands up in use.

The Douglas Fir Plywood Association's laboratories subject samples of plywood panels to "torture tests" which are probably as grueling as any applied to a building material. But the manufacturers want to be certain that their association grade-trademarks have real significance in the building trades.

That's where exposure fences come into the picture.

Companion pieces to the specimens tested in DFPA laboratories are placed outside on permanent exposure fences east and west of the Cascade mountains. These fir plywood samples are subjected to the freezing, the snows and rains of winter, and to the burning sun of summer—and to all of the "incidental" weather between.

It's the same treatment an exposed piece of plywood would experience on a building—only these pieces of plywood are not protected by paint.

Results of regular inspections of the exposed specimens are compared with laboratory tests. This program has confirmed that the laboratory testing is actually more severe than exposure to weather. There is a margin of safety.

That margin of safety in quality control of fir plywood produced to the DFPA standards is an unwritten addition to every DFPA grade-trademark on a panel of plywood.

Plywood is an excellent base for linoleum.

## Remodeling Gives Houses 'New Face'

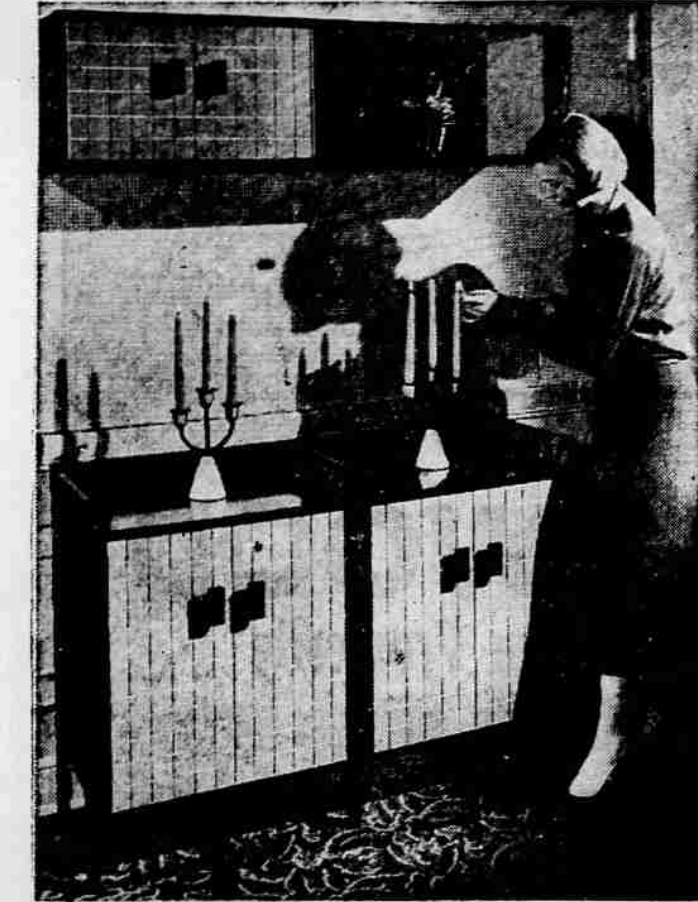
The exterior of "this old house" was beginning to look like the one in the song. A. E. Corey of Tacoma, Wash., the owner, took a good long look at his residence: It was a big, two-story house with shingle exterior. After twenty years, the shingles looked—well, twenty years old.

Corey went to his lumber dealer, Neil Gray of Gray Lumber Company in Tacoma, studied various possibilities. He settled on wide-lapped exterior fir plywood for a new shell, picking the material because of its fine appearance and because of ease and economy of application.

Gray supplied 1/2-inch Plyshield grade siding ripped to 21-inch widths and already beveled to provide a drip-edge. The siding was primed before application and applied right over the old shingles. A 1/2-inch furring strip of plywood between laps created an effectively heavy shadowline.

The widths went on horizontally with a 3-inch overlap and an 18-inch exposed surface.

The finished job gives Corey his comfortable old home with a modern face—ready for another twenty years of living.



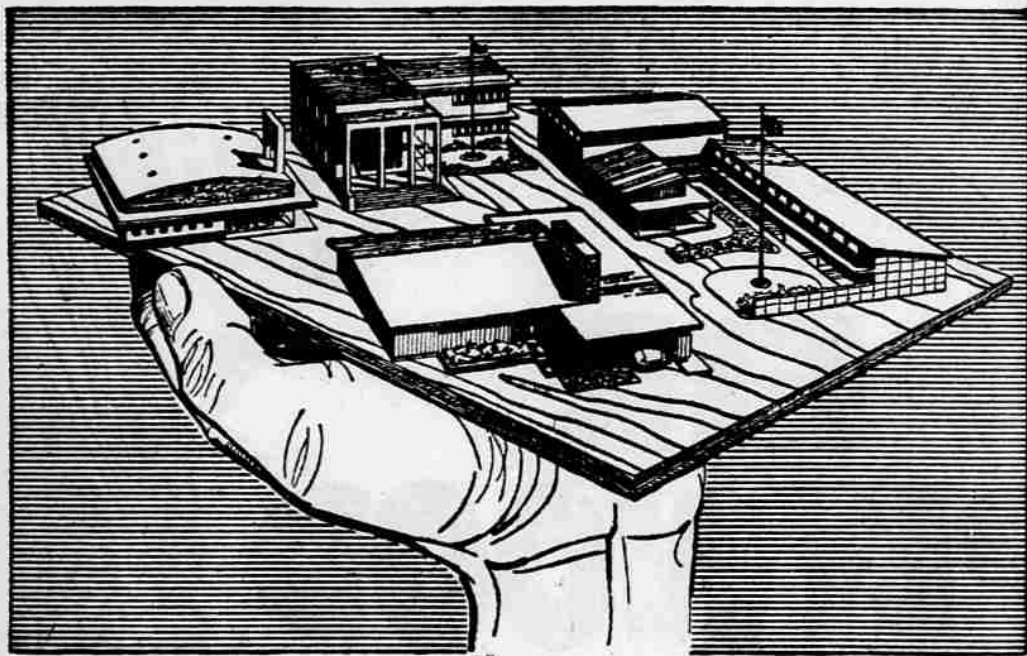
BASE AND WALL CABINETS—Build this striking modern buffet and wall cabinet set from small panels of fir plywood available at your lumber dealers. Easy-to-follow plans by New York designer available from the DFPA.



MODERN DESK—With its simple, straight forward lines, this easy-to-build fir plywood desk is an ideal weekend project for the ambitious home craftsman. Legs are simple sections of plumber's pipe set into holes drilled in framing or screwed to floor flanges. Plans available free from Douglas Fir Plywood association, at Tacoma 2, Wash.



END TABLE—This striking little fir plywood end table can be paired up for opposite ends of a sofa or used in the bedroom as a bedside table. Its clean, modern design means it will fit both contemporary or traditional room settings.



## FIR PLYWOOD Contributes to the Prosperity and Stability of the Medford Area

The fir plywood industry as a major payroll builder in this area is well known. In addition to direct wages, the industry also spends thousands of dollars yearly for supplies, services, taxes, licenses, fees. Every store, every office, every service station, every bank, every public utility in this area—benefits either directly or indirectly from the fir plywood industry in our locality.

The business of manufacturing fir plywood is 50 years old this year, so we are happy to join the Nation's salute to this \$370,000,000 West Coast industry. And we have faith that as new markets... new uses... are developed for fir plywood, our region will continue to grow and prosper.



### BIG FREE SHOW

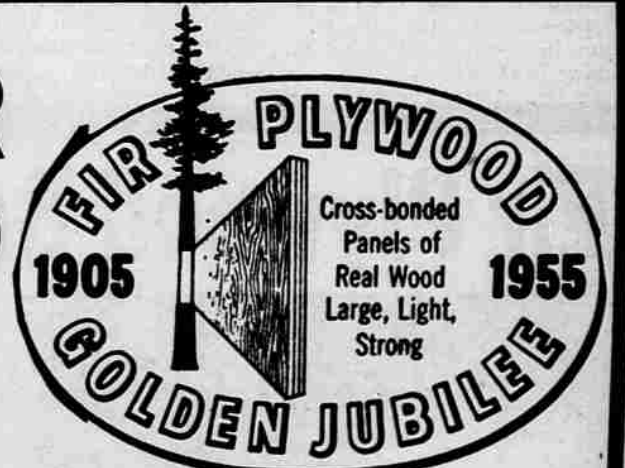
To commemorate fir plywood's 50th anniversary, a colorful circus-type exposition has been arranged, and will appear at Medford High Stadium, Saturday and Sunday. This show will entertain, will inform, will show how fir plywood can add to your living pleasure when used around your home... indoors or outdoors. There's something of interest for all ages, so plan to attend.

Medford Veener and Plywood Corp.

## TO THE FIR PLYWOOD INDUSTRY

WE EXTEND . . .

*Congratulations*  
**ON 50 YEARS**  
OF GROWTH and PROGRESS



Within a span of 50 years, this industry has grown from nothing to a \$370,000,000 per year giant... and is still growing! This industry is becoming increasingly important to the economy of Medford and Jackson County. Members of that industry are good neighbors of ours—and yours! We salute them!

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