

# Easy Method Sought By Inspecting, Treating 200 Million Wood Poles

A \$20 billion investment in 100 million wood poles carrying telephone and power transmission lines throughout the United States today represents a continuing maintenance challenge to industry and wood scientists.

Oregon State University's Forest Research Laboratory is now conducting a two-year study aimed at finding easy and economical methods of inspecting poles now in use and treating those which are unsound. Robert D. Graham, associate professor of wood products is in charge.

The challenges facing industry and wood scientists are how

to treat poles before installation in the ground for longer life; how to determine whether poles in use are free from decay; and how to extend the life of poles that contain decay.

The average life of poles is about 30 years. Since the replacement cost is high, industry has a great interest in extending the useful life of each pole.

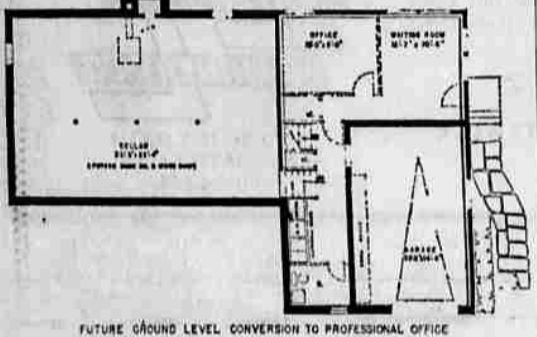
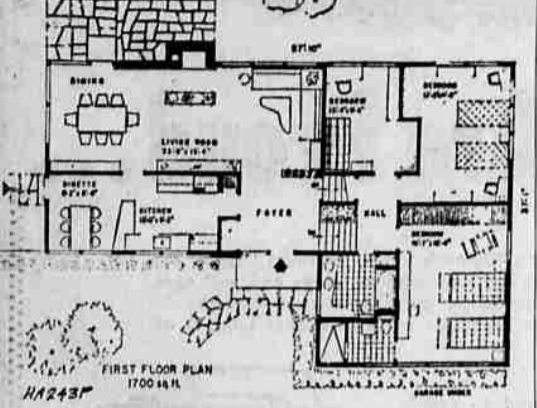
The average cost to industry when a pole is replaced runs from about \$100 for a 40-foot pole to \$750 for a 70-foot pole. Occasionally, replacement costs for a single pole may exceed \$1,000.

The current OSU study is being

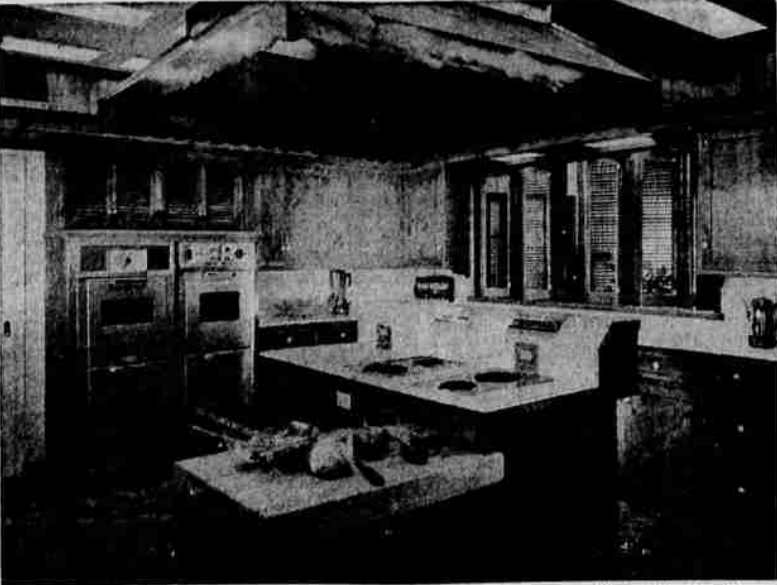
financed by Oregon industry under a \$20,000 grant. Cooperating with the Forest Research Laboratory are Bonneville Power Administration, Pacific Power and Light Company, Portland General Electric Company and the Northwest Public Power Association. Consumers Power Inc., Corvallis, also has an interest in the study.

In Oregon, there are an estimated one million poles. Most poles in the Pacific Northwest are made from western red cedar and Douglas fir. Studies of these poles in use have shown little deterioration of the preservative-treated zone in these species.

## HOMES FOR AMERICANS



GRACIOUS AND SPACIOUS are the words for Plan HA243P, a split level. In the foyer the planter divider is immediately noticed, with the rear garden viewed through the livingroom windows. The large dinette is paneled in wood and the adjoining kitchen is done in natural woods. The approach to the bedroom level, up seven steps, is highlighted by a plant box. The master bedroom has one storage wall composed entirely of built-in storage drawers and shelves and hanging area. The ground level is flexible, suitable for a large family room or for an office and waiting room for a professional man. Plan HA243P was designed by Samuel Paul, 89-30 161 St., Jamaica, N. Y.



EFFICIENCY and beauty are the main characteristics of this kitchen whose plan might serve as a model in the revamping of an ineffectual kitchen. The combination of built-in appliances and easy-care Western Pine region wood used along the walls and for the island work area make for pleasant meal-preparation.

## Display Of New Equipment Planned

Oregon loggers will play a leading role in the 34th annual meeting of the Pacific Logging Congress when it gets under way in Portland on Nov. 6 to 8, according to President Robert P. Conklin of Eugene and Lake Oswego.

Three Oregonians serve as principal officers: Conklin as president, Robert F. Dwyer, treasurer and Carwin A. Woolley, executive vice president.

This will be the largest logging congress in our history, Conklin reports. Attendance could reach 2,500. Headquarters for this over half century old organization will be at the Portland Hilton, with business sessions and machinery show slated for the next Portland Coliseum.

There will be at least \$15,000,000 worth of logging machinery on display, advises Carwin Woolley, who has had the difficult task of finding exhibit space both inside and outside the Coliseum for all the machinery and equipment firms desiring to show this year.

"The Business of Logging" will be the theme of the Congress, and it will be the title of an interesting discussion headed by Oregon banker, Fred Burrow. Loggers will find out how a banker looks at logging and ways to make money. W. S. Ouderkirk, Eddyville, will take part in this discussion.

C. H. Willison, Crown Zellerbach, Portland, will head a panel which could draw some fire. It concerns the role of vocational education and the community college training loggers and forest products workers. Roy Gould, Diamond Lumber Co., Tillamook, will also take part in this panel, together with Rae L. Johnson, Georgia-Pacific Corp., Portland.

Another interesting session

will have to do with portable spar maintenance and two Oregon equipment men, H. K. Halvorson, Sutherland Machine Works, and Charles J. Baker, The Skookum Co., Portland, will take part.

A three man logger panel will discuss safety in logging and one of the three will be Jim Grady, Western Pine Association, Portland.

Making a transition from board foot to cubic foot in measuring log volume is a highly controversial topic which will be included in a discussion period headed by Prof. Ray A. Yoder of Oregon State University. He will be ably assisted by a panel of practical loggers which will include two Oregon men, John C. Hampton, Willamina Lumber Co., Willamina and Douglas C. Smith, United States Plywood Corp., Lebanon.

Probably the most controversial session will be the final

program, which will feature Dr. Irving P. Krick, Denver meteorologist, whose accurate long range weather forecasts for American industrial firms, has brought him international attention. He will have as his topic "Weather Engineering for the Logger." This may well be the top feature of the Congress, Conklin reports. Dr. Krick has forecast sunny and warm weather for the three days of the Congress, so weather forecasters will be watching to see if they can catch him wrong.

More than 9,000 different items are carried by the average supermarket, according to estimates.

## Good Books Need Proper Shelves

If statistics mean anything, more Americans are buying and reading good books today than ever before.

This, of course, brings its storage problems because a rapidly expanding library has to be housed somewhere. It's okay to stash the currently read volumes on the coffee table or nightstand, but the rest deserve proper shelves.

In the average home where bookcases are already overflowing and all available wall space has been spoken for, where an new library shelves go? Some smart designers suggest the stairwell as a good possibility. And it's a good thought.

For instance, many homes today are split-level or have a daylight basement. In these homes, the stairwell is a prominent feature, located in entrance hall or family room. Because it's essentially just a hole in the floor with stairs going down to the lower level, something decorative has to be done for a waist-high railing around the stairwell opening — and here's where the bookshelves come in.

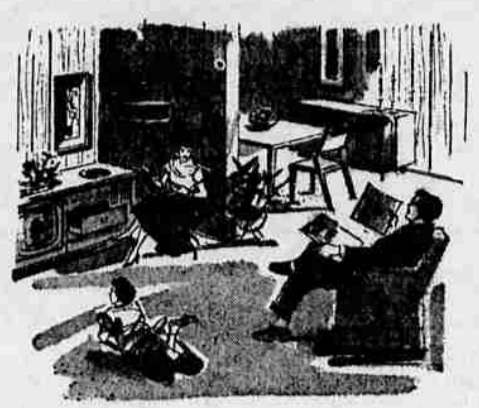
Why not build a solid screen of tongue-and-groove western red cedar panel boards for the railing, then build book shelves over that? The shelves can go two or three tiers high with the top shelf perhaps used for art objects as well as books. Shelves can also be cedar boards, one or two inches thick, depending on their length and load.

On an average, books require a shelf only eight inches wide, so it's easy to see how compact this installation will be. Yet it will be a truly decorative and distinctive feature of the home.

In a home with a traditionally styled staircase, such as for a two-story house, the book shelves can be built right into the banister, marching up the stairs. Most stairways can comfortably spare the needed eight inches of width—and the home gains character, plus needed book space.

## NATIONAL FOREST PRODUCTS WEEK

OCTOBER 20 - 26



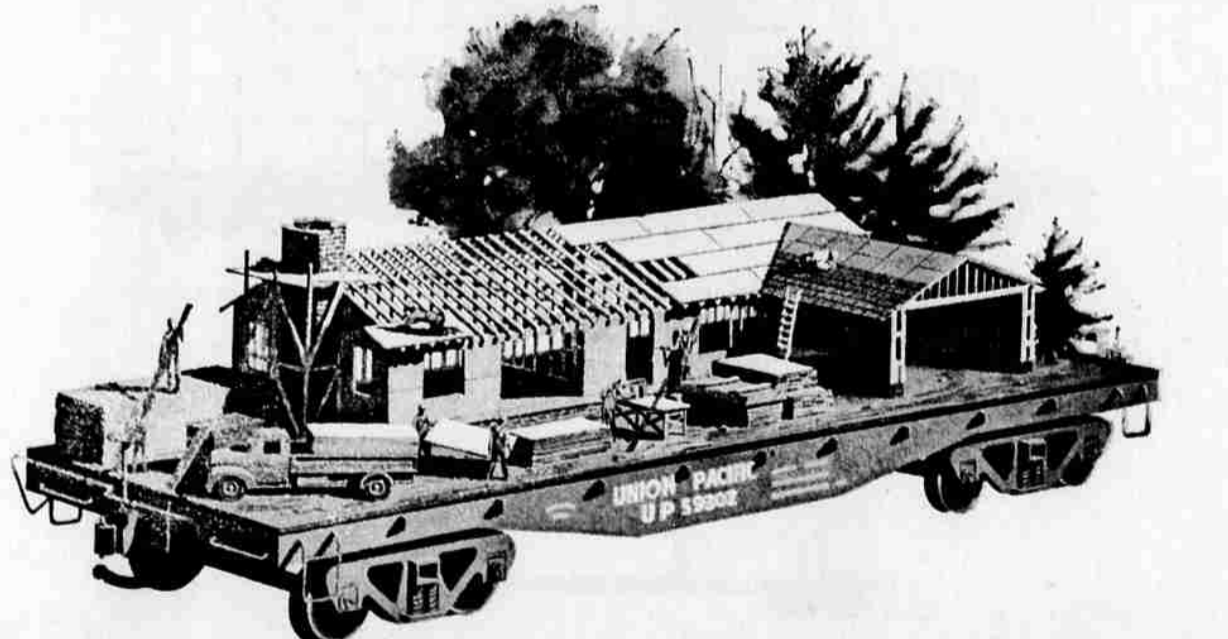
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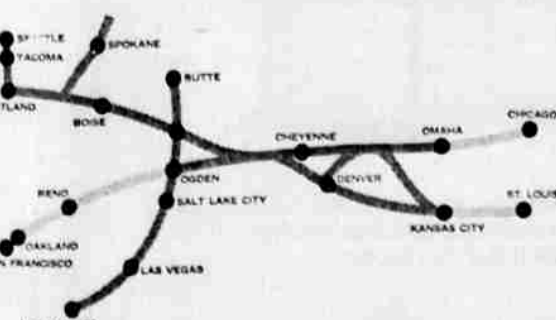


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