



The old living room was too small and the walls and ceiling were in disrepair. The Thuresons moved onto the original homestead and lived in it for almost a year before the remodeling job.



With the wide variety of hardboard panels available at building supply dealers, two or more hardboard panel products can be used in combination to achieve a dramatic and distinctive room setting. Here wood grained finished paneling is combined with a richly textured accent panel to provide complete wall glamour for a handsomely masculine den.

## Open Fences

Where flow of breezes is needed to keep a yard cool, then think in terms of a fence with open slats in it. Still enough of a barrier to stop dogs and animals. Western red cedar is the ideal fence wood and it is low cost.

## Good Grain

The beauty of a beautiful piece of lumber comes from its incomparable grain which develops from the annual rings. When the log is sawn, the annual rings create a pattern of lovely beauty.

## Everybody

One thing which makes western softwoods so popular with every weekend carpenter is the ease with which they can be sawed, planed, chiseled, sanded and finished into beautiful objects.

## Amazing West

America's amazing western states produce some of the finest softwood lumber in the world, in a dozen different species, each having its own special place in the construction industry.



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# Plumbing Contractors Offers The Knowhow, Equipment

When the plumbing contractor's truck pulls into your drive, it brings with it a valuable combination of experience and equipment. In addition to thousands of dollars worth of tools and supplies for making installations and repairs in your home, it brings a highly skilled workman with many years of training.

The Plumbing-Heating-Cooling Information Bureau says that the training and experience required of this craftsman are far more extensive than many people realize. In other words, "a pair of overalls and a wrench do not a plumber make." To be legally qualified to work on your plumbing, a man must complete a comprehensive five-year apprenticeship program.

Behind this, many serve an additional five year program as "journeyman" to become licensed. To these skilled, professional workers, this represents a total investment of ten years in classroom and on-the-job training.

The plumbing contractor is one who has completed this 10-

year training, been licensed, and now operates his own business. He maintains an office, shop, inventory often averaging 10,000 items, trucks, trained staff, and often a showroom to display the latest fixture models.

From his place of business, he schedules his materials and craftsmen for use on new construction sites, remodeling jobs and repair work. He provides this, plus a standby crew to answer your call for emergency help.

And the plumbing contractor is much more than just a "pipe-fixer." He's a bacteriologist, metallurgist, ceramics specialist, home planner and decorator, mechanical and sanitary engineer, and businessman. All in all, he's the most highly skilled member of the building trades.

Just as it's wise to be familiar with a good doctor and keep his phone number handy, it's a good idea to know a good plumbing contractor and know where to reach him. Your local plumbing contractor's association will give you the names of those near you.

The plumbing contractor is one who has completed this 10-

## Plumbing Thingamajigs

The plumbing contractor got an urgent call. From the other end of the line came the plea, "Come over quick, the thing under my sink is leaking like crazy."

The contractor rushed to the scene of "disaster" and entered the house carrying tools and parts to repair a kitchen sink. But he was immediately led to the bathroom to find water streaming from a supply valve beneath the lavatory.

Like many folks, the homeowner thought "a sink was a sink," and consequently the contractor arrived with the wrong equipment and parts. But a "sink" isn't always a sink, says the Plumbing - Heating - Cooling Information Bureau, who offers these definitions for homeowners:

**SINK**—A fixture usually installed in a kitchen to provide water for food preparation and washing of dishes. Not to be confused with lavatory.

**LAVATORY**—A fixture usually located in bathroom or powder room for washing hands and face.

**WATER CLOSET**—Toilet.

**FITTING**—Device used in connection with fixture, such as faucet, drain control and valve.

**Fixture**—Any water-using product, such as sink, lavatory, water closet and tub.

**SUMP**—A tank or pit to collect water seepage from a basement floor — equipped with pump to eject water collected.

**TRAP**—The "extra bend" in drainage pipe beneath fixtures that retains enough water to prevent backup of sewer gas.

**VENT SYSTEM**—Piping to provide air circulation for the drainage system. Allows release of gas and protects traps against siphonage and back pressure.

## Trusses Fast

If you want to save time and money when building your house then buy ready-made trusses. Most retail stores make these in several different spans. It helps you get a house roofed quickly to protect the other materials.



The interior of the new family room the Chiaravano built is spacious and it appears even more so because of the vaulted ceiling. The ceiling was built with a flooring material — 2.41 plywood 1 1/2-inches thick — over supporting joists four feet apart.

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## Paint Accessories

Your paint dealer can often provide specially treated paper paint buckets and wood paddles for stirring the paint, says the National Paint Varnish and Lacquer Association. Thinner, for thinning paint and cleaning brushes, should be the type recommended on the paint container label. Additional items, such as a drop cloth for protection of flowers and shrubs or floors, a dust brush, putty knife, scraper, wire brush, steel wool, medium grit sandpaper, and putty and caulking compounds may also be required.

Some one has finally come up with a solution to those ugly black heel marks that invariably appear on floors between regular cleanings. It's a handy disposable Floor Mark Remover pad impregnated with tiny beads containing a liquid cleaner and polish. You simply press down on the pad to crush the beads, rub the saturated pad over the soiled floor surface, then use the other end of the pad to buff the spot back to its original shine.

More than 20 species of U.S. woods are used for structural plywood.

Plywood is made in two types: Interior and Exterior. Only Exterior should be used out doors.

More than 11 billion square feet of plywood will be used this year.

The average new home contains about 2700 square feet of plywood.

About half of the plywood produced annually is sanded, the rest is rough.

American Plywood Association is the new name for Douglas Fir Plywood Association.

Enough plywood was produced last year to roof New York City and still have enough left over for a stack 185 miles high.

More than 11 billion square feet of plywood will be used this year.

## Big Gamut

Western softwoods range from the rugged Douglas fir, the nation's prime structural lumber, to the dainty, delicately grained Ponderosa and sugar pines which have innumerable uses in construction finishing.

## Privacy

By using a louvered fence of and of the western softwoods, you can have privacy, yet can get good air circulation.

Southern Pine plywood was made commercially for the first time this year.

## HOME OWNERS' QUESTION BOX

## Long Life

To insure long life of yard structures, be sure that any wood coming in contact with the ground is preservatively treated. This is especially true in patios where treated Douglas fir will outlast any other wood.

Each of the thousands of perforations in an acoustical ceiling acts as a tiny noise trap, absorbing sound waves and preventing them from bouncing around the room. This keeps the sound level in a room from building up to an uncomfortable level.

Natural effects in interior finishing materials are expected to be extremely popular in 1964. In addition to rustic drapery and upholstery fabrics, textured surfaces are available in the latest effects in resilient flooring and acoustical ceiling tiles.

Box beams are hollow structural members with lumber flanges and plywood webs.

Where, then, do you place the vapor barrier of sheet metals, metal foils or asphalt laminated papers? You place it just inside the interior wall along the inside stud line.

A cross section of the ideal wall of a house would look like this, reading from the inside out: First your interior wall, then the vapor barrier, next the studs and between the studs insulating material, then wood sheathing, next a sheathing paper and finally your wood siding. The entire stud space from floor to ceiling should be covered in this manner.

The siding of course, can be in any pattern or style to suit the home owners' tastes, and it may be in any of the long lasting and durable woods such as western red Cedar or Douglas fir, by far the two most widely used in the country.

If this system of design and use of vapor barriers is closely followed, the lumberman believe that paint blistering will be eliminated.

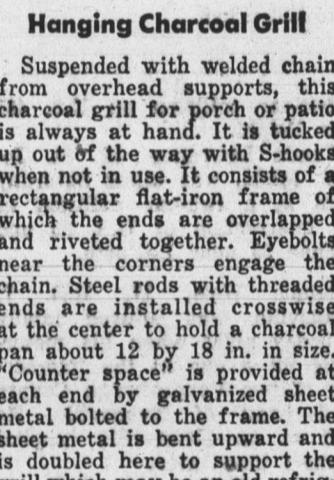
## Cover Chips

If your masonry patio is becoming chipped and broken, you can cover it with wooden deck. Just nail ordinary Douglas fir 2x4s to the masonry, then nail your deck boards to the furring pieces. Generally 2x4s are ideal for this deck, and they can be arranged in many interesting patterns like herringbone, checkered, diagonal, or in diamond shape.

## Useful Workshop Ideas

By Will Ainsworth, Technical Consultant

### Campfire Tripod



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