

Help For the Man Who Wants to Build

A House of Sound Values

Beauty, Durability Found in Stained Wooden Shingles

By the Architects' Small House Service Bureau of the United States, Inc.

Shingles can be one of the most attractive of building finishes when properly stained in picturesque colors. In fact, more variety in exterior color effects can be managed through this type of lumber than any other, due to the harmony of shingles and stain. The stain sinks into the wood, coloring the fibers so they resemble rich velvet.

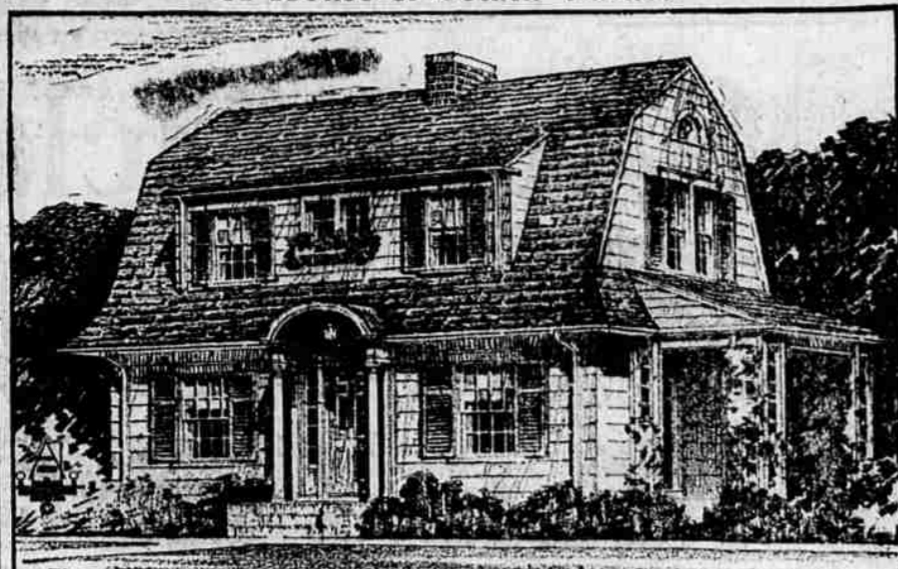
Properly protected with stain or paint the well made wooden shingle is an excellent material for roof and siding, while the addition of either of these preservatives gives a more than effective appearance. Since shingles, because of their position on a dwelling, are exposed to the destructive forces of wind and rain, some method of preservation must be employed. Even the most durable varieties of wood, such as cypress, cedar, the redwoods, etc., are rendered far superior when protected in this way.

Preserve Hidden Parts
In order to be given the largest degree of protection available, shingles before being applied to a house should be pre-primed in a shingle stain, which penetrates the wood. Preservation is the chief reason for this treatment, however. The natural grain of the wood is thereby emphasized, and a rich quality of color is obtained, exceptional beauty is afforded the house.

Pre-stained shingles are not apt to "cup" nor will their original position become easily disturbed. On the other hand, where the stain is not applied until after the shingles have been placed, the greatest measure of protection is not obtained for the hidden underparts. Stain or paint, the natural preservatives of wood, can be dependent upon to seal the pores in the shingles and thereby prevent the progress of weathering. The result in wearing capacity and general appearance is greatly enhanced. The correct application of stain, of course, is essential to the most effective results, and the best method of handling is to dip the coat and brush one coat. The dipping insures penetration and even distribution of color, as previously explained, and covers both sides of the shingles and underneath the lap for a distance. The factory dipped product is recommended.

Reduce Fire Hazard
Many different types of stains and paints to be applied to shingles are available to the home owner. Stains, for instance, which contain creosote are highly valued for their decay preventing qualities. Special fire-resistant paints have been developed to resist heat and to prevent shingles from "cupping" or developing a wavy surface. When shingles curl at the corners or take on a coat of moss, they afford a lodging place for burning embers or sparks flying about. Coated with a fire resistant paint, however, the fire hazard is very much reduced.

Since shingle stains are available in a variety of different colors, it is possible to plan a house quite out of the commonplace by using a solid color for the body color and incorporating a variety of shades in the roof. The color combinations are simply endless, and among the most agreeable are silver gray for the body color and moss green and gray for the roof, or red and brown roof, with a lighter brown body. Olive greens and tans are also very popular colorings. Copyright 1929. The Architects' Small House Service Bureau of the United States, Inc.



Planned to Make Most of Money Spent

THIS design, 5-A-71, is an economy house. The designers have provided five rooms, each of adequate size, but no more, and have arranged them so that the house can be built inexpensively.

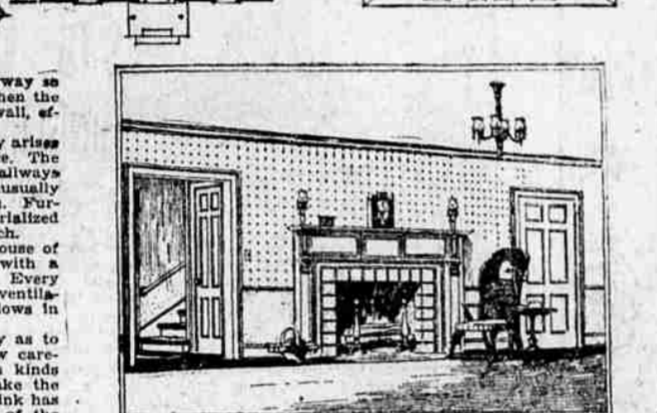
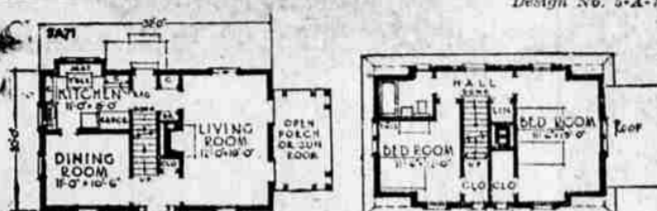
The rectangular plan is one of the important ways that has been used to cut costs. Something has been saved by enclosing the stairway so as to minimize railwork. The fireplace, put on an inside wall, effects an additional saving.

More particularly, economy arises through good use of the space. The amount of area needed for hallways amounts in total to an unusually small proportion of the plan. Further economies can be materialized through omission of the porch. Yet here is an excellent house of fine architectural feeling, with a plan of real convenience. Every room in the house has cross ventilation. There are even windows in two of the closets.

The drawings, particularly as to the plans, do not show how carefully the details of various kinds have been worked out. Take the kitchen, for example. The sink has been placed near the door of the dining room so that dishes will not have to be carried across the kitchen. At the side of the sink is a china and food cabinet. A number of shelves extend above the working space. Below these are drawers and bins for food. Beyond is dining space.

This is in the form of a shallow alcove. In the kitchen table can be drawn up against a built-in seat, like a window seat, and chairs arranged along the other side. If desired, this alcove can be extended to the rear sufficiently to include the standard alcove furniture.

EDITOR'S NOTE: Working drawings and specifications for the house shown above may be secured at moderate cost from the Architects' Small House Service Bureau. The Bureau is organized by the United States Department of Commerce, through the Architects' Small House Service Bureau. Address: The Architects' Small House Service Bureau, 1200 Broadway, New York, N. Y.



Showing a view of the living room with the fireplace on the inside wall.

Near the rear entrance, but still within the kitchen, is the refrigerator, for which outside icing is provided. There is a closet arranged to go over the refrigerator, and the refrigerator itself is set on a platform to lift it above the level of the floor. In the rear hallway is a convenient cupboard and also a broom closet. In the front hallway is the usual coat closet. The bedrooms are excellently

lighted, of good size, with fine closet accommodation. Construction: Wood frame, exterior finish wood siding. Roof of shingles. Designed for west or north facing. Lot size: 40 feet without the porch, 50 feet with it. Complete working plans may be obtained for this and other designs shown in this series. For further information see editor's note.

What You May Want to Know About Building

Questions addressed to this paper will be answered by the Architects' Small House Service Bureau of the United States, Inc. Enclose a stamped addressed envelope.

Q—After heavy rains walls are wet. Sometimes the dampness is near a window, but not always. It is usually damp about the fireplace and above it in the second story. Is it because the stucco is too thin? It is on cinder blocks.

A—Thin stucco is not likely to be the cause, nor is it the fault of the cinder blocks. It may be that the mortar joint was not interrupted as it should have been. More likely, water is getting in around the window frames between the wood and the masonry. They should be properly caulked. Get in touch with some caulking concern in your locality. Then install a product particularly devised to do this work. Have your chimney inspected. The flashings may not be tight. Probably the coping at the top is not waterproof.

Q—The man who set the furnace did not put asbestos paper on the pipes. He says that it is not necessary, but it seems to me that it cheapens the job. A—Your furnace man is right. More heat is lost across common asbestos paper than across bright tin. If you cover your pipes with solid asbestos that would be a different thing.

Q—We had a fire. The contractor for repairs called for everything to be "as good as or better than formerly." They re-laid a good deal of the old floors that had been water-soaked. Now there are cracks between the boards. They squeak and some patching was necessary. Is this living up to the contract?

A—We do not know what the conditions of your floors were formerly, but floors laid as you describe are not good floors. Have them inspected by an architect or by a competent builder. Employ an attorney if necessary to conserve your interests.

Q—In a basement wall that was plastered the plaster falls off and we find the wall to be very damp. Can you advise what to use in replastering?

A—We recommend that the surface of dampness be searched out and eliminated, that the wall be painted with hot tar or other standard waterproofing compound, that wood furring be applied, then lath and plaster. This will give you a warm, dry wall.

Q—We are planning a house of this size. For this purpose, we would like to know whether it can be plastered directly on both sides.

A—It can be if the mortar joint is broken. If this is not done, water will be carried along the mortar bed. This is true of all walls of masonry. For regions of severe winters it is undoubtedly worth while to furr exterior walls of masonry.

Q—Is it practical to paint a basement concrete floor? If so, what is the formula for the material to be used?

A—It is quite practical to paint such floors. For this purpose, we recommend paints particularly made for this purpose. Do not try to mix them yourself. Apply them according to the directions of the manufacturer. We send by letter names of manufacturers.

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ADEQUATE FLEET NEEDED ASSERTS U. S. W. V. LEADER

PORTLAND, Ore., May 8.—(AP)—

No veteran who has ever served in a real war wants to see another war, declared Colonel William L. Grayson, commander in chief of the United Spanish War Veterans, here today, where he will be the guest of local comrades for the next two days. His home is in Savannah, Ga.

While no veteran wants to see an outbreak of war, Colonel Grayson said, "we feel that our national defense should be equal to the value we place upon our country. We veterans who realize the value of a navy, favor an adequate fleet for this country. We have no enemies, are seeking no wars, but you know a prosperous man has to watch out for robbers and shavers."

"Cities are not doing away with their police forces, counties still have sheriffs on the job, so a nation must be ready to protect itself against rivals and against outlaws." "When I say we veterans want an adequate navy I mean one that is equal to the most powerful possessed by any other nation—and then just a little bit better," Colonel Grayson declared.

"No robber ever attacks a well-guarded safe."

O'Hara Appointed. ROME, May 8.—(AP)—Pope Pius has appointed Monsignor Gerald P. O'Hara secretary to Cardinal Dougherty, as titular archbishop of Heliopolis, nominating him also as auxiliary bishop of Philadelphia.

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SWIG OF ELK CREEK WONDER WATER HAS WEIRD PROPERTIES

(By Mary Greiner.)

"Wonder Water"—a mineral concoction that is said to be able to cure everything from bunions to insomnia, has been discovered up Elk creek, according to H. H. Cady, who brought a container of it into the Chamber of Commerce headquarters yesterday.

Wonder water—so called because after one drink of it one wonders why he did it. It's terrible what that water does to the aesthetic appreciation. But then there are diseases that it is alleged to cure. According to Mr. Cady, one swig of daily foot baths in the liquid will not only cure callouses, corns, bunions, ingrowing toenails and other ailments of the pedal extremities, but will reduce the feet to one-half their regular size. He claims to have seen it done.

Think what the Elk creek creation could do toward hurrying on the civilization of China! One hundred tanks of it shipped to the Orient and the old-fashioned Chinese women would have such a binding affection for America that they'd stop worrying about their feet and concentrate on politics. And what a solution to the American problem of reducing the unwelcome avoidduplas that has become such a burden to the clubroom!

Taken internally, the same liquid is apt to reduce almost anything—from the solar plexus to the high cost of living.

TELEPHONE EARNINGS SHOW QUARTER GAIN

NEW YORK, May 8.—(AP)—Pacific Telephone and Telegraph system had first quarter net profit of \$2,818,784 against \$2,175,658 in the same 1928 period. This equaled \$2.28 a share on the common compared with \$2.03 a year ago.

Portland—\$290,000 Sixth Church of Christ, Scientist, will be erected here in near future.

Mountain States transmission line under construction from Jasper to Lowell.

MISSION WORKER IS KIDNAPED BY CHINESE BANDITS

NEW YORK, May 8.—(AP)—The

Christian and Mission alliance today received word from their mission at Sungtuo, Kweichow, China, that the Rev. H. Schwendener, of Chicago, had been kidnaped by bandits.

The cablegram announcing his capture said that he and the Rev. E. A. Truax of 317 Mission road, Glendale, Calif., had been attacked on the road and after being beaten and robbed, the Rev. Mr. Schwendener had been carried off. The Rev. Mr. Truax was released and returned to the mission. Chinese authorities had hopes that the missionary would be returned safely, the cablegram said. The wives of both men are in this country.

ECLIPSE APPARATUS SET FOR THURSDAY

MANILA, May 8.—(AP)—Com-

mander C. H. J. Keppeler, head of the United States naval observatory expedition at Hullo, telegraphed today that all apparatus of the expeditions had been installed and was ready for observing the eclipse of the sun next Thursday.

"Weather conditions the past week have been favorable and satisfactory photographs are anticipated," said the telegram.

DRY AGENT IS SUED BY VICTIM OF RAID

MARSHFIELD, Ore., May 8.—

(AP)—E. E. Galloway, state prohibition officer stationed at Coquille, is defendant in a damage suit brought in circuit court here by Emma Martin, who asks \$1000 damages for the burning of her dwelling and chicken houses during a raid a year ago.

CHINESE BATTLE FOR RAILWAY IN CANTON VICINITY

HONGKONG, May 8.—(AP)—

Heavy fighting was in progress today along the railway from Canton to Kowloon between Kwangsi forces under General Hsu King-fong and Cantonese generals. Railway service from Kowloon to Canton was suspended upon orders from Canton.

The native newspapers here said the Kwangsi had captured Shihshing, west of Canton, and were rapidly advancing on Canton with the Cantonese troops retreating before them. Chinese firms at Hongkong are not exporting cargoes to Canton for the present.

Gresham—Granada theatre recently installed talkies. Hillsboro has a new laundry.

Remodeled First National bank building of McMinnville will open May 10.

Hood River—Franz company installed Neon gas signs.

Stomach Troubles Headache and Dizziness

If your stomach is sick, you are sick all over. If you can't digest your food, you lose strength, get nervous and feel as tired when you get up as when you went to bed.

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INFATUATED FINANCIER SHOOTS GIRL AND SELF

LOS ANGELES, May 8.—(AP)—

Frank J. Williams, financier, was dead here today from a self-inflicted bullet wound and Peggy Troxel, 18, was in a hospital, seriously wounded as the result of a disagreement between them at the girl's residence last night.

Williams, who was president of a securities company here and an officer in other southern California companies, had been divorced by his wife and was infatuated with Miss Troxel, 12 North Ames, attorney for Williams said. She is the daughter of a Chula Vista, Cal., banker and had been married, Ames added. It was a letter she received from her former husband which precipitated the quarrel.

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