

BUILDING AND THE HOME

Ceilings Govern Ventilation Needs

The question of ceiling heights in a home is not merely a matter of taste, but a problem which involves heating and ventilation. The solution is dependent upon the degree of efficiency desired by the owner.

In dwellings built during the Victorian era, rooms usually had elevations of 10 or 12 feet. These extreme heights were thought to aid in keeping the rooms cool during warm weather. Actually, unless the warm air was properly carried off, it only served to increase the temperature of the rooms by storing up masses of warm air. Any sensation of coolness noted was generally due to the mental reaction of the residents. It has been conclusively shown that any space more than 12 inches above the heads of windows, unless ventilated thoroughly, is of no value whatsoever in cooling the room.

The modern trend is toward lower ceiling heights and adequate ventilation. When this principle of planning is followed there is a saving in construction costs effected without loss of livability. Also, because the area of the rooms with lower ceilings is less than that of those with greater elevations, heating costs are less.

In small homes the general proportions will be much more pleasing with lower room heights. Many old houses have attic space that cannot be used for living quarters because the ceiling is too low. When the downstairs rooms have excessive ceiling heights, these can be lowered and the attic elevation increased so that the space can be converted into bedrooms.

Read The Ads

E. WALLACE LAWRENCE
ARCHITECT
Bradley Cottage — Route 19
Phone 77 Waynesville, N. C.

Problems About HOMES

Q. When wood starts to rot is there anything that can be done to check it?

A. The remaining wood can be saved by the complete removal of the rotted wood. If decay is caused by dry rot, which is a fungus that will spread, the infected wood must be cut out completely and destroyed. When decay is caused by dampness, the wood that has rotted should be removed and replaced, and the new woodwork protected from future dampness in order to prevent a recurrence of decay. When wood is affected by termites means must be taken to destroy their tunnels and to prevent them from reaching any moisture in the ground.

Q. Is it necessary to put metal flashing over the top of doors and windows?

A. It is advisable. Wooden drip caps are frequently used in frame construction. A sheet of noncorrosive metal should be extended down over the top member of the window or door trim for enough to form a drip and be turned up on the wall sheathing about 2 inches.

Q. Is it possible to install extra floor plugs in a room?

A. Yes. Call in a reliable electrician and he can determine how it should be done. Do not attempt this work yourself, as you might overload the circuit or make a bad connection that would create a fire hazard.

Q. We are installing all new, modern fixtures in our bathroom. The room is paneled in wood. Can tile be installed in its place?

A. Yes. The wood paneling can be taken down, wire lath put up, and tile cemented to it.

Q. Is it safe to set wood floor beams right into the brick walls of a

Many Old Homes Need To Be Wired

Most homes more than ten years old were wired for lighting purposes only. Today they are forced to carry an appliance load that is too much for usual home efficiency. This extra load in the usual home is equivalent to an increase of approximately two-thirds the original load.

Overloaded wires leak, lack power, and run up costs. The lights dim, appliances do not function properly, and each task takes longer that it should.

Not only should the wires carry a load adequate for present needs, but they should be able to take care of reasonable expansion. The need of this is readily understood when a home owner reflects on present-day household uses of electricity and compares them with those of 15 years ago. Not only are more appliances being used, but modern homes are planned for more light.

house?

A. Yes; if they have not less than four-inch bearing. The beam ends should be treated against moisture where they enter the walls. The walls, of course, should be at least eight inches thick to permit this.

Q. I would like to know some material other than tile that I can use to cover my bathroom wall.

A. If you want a tile effect, there are a number of good wallboards made in imitation of tile that are attractive and serviceable. If you do not insist on having that appearance there are waterproof wall boards with plain surfaces that you can use. These can be painted. You should use at least one coat of high gloss enamel as a finish. Only the best grades of enamel and paint should be used as steam and hot water vapor are very hard on these surfaces.

Over-Scale Paper Patterns Lend Charm

The charm of a small home, which often lies in its very compactness, can be enhanced by the use of over-scale wallpaper patterns.

Many new figured patterns and new striped papers are available to home owners who contemplate re-decorating their homes this year.

These loans are repaid in monthly installments over a period as long as five years.

Lattice Fixtures Add To Attractiveness Of Homes

Lattice columns lend lightness and grace to the general appearance of a home without detracting from its structural soundness. This type of column has been found particularly well suited for use with homes of Dutch Colonial design.

Ornamental Strips Used For Decorations

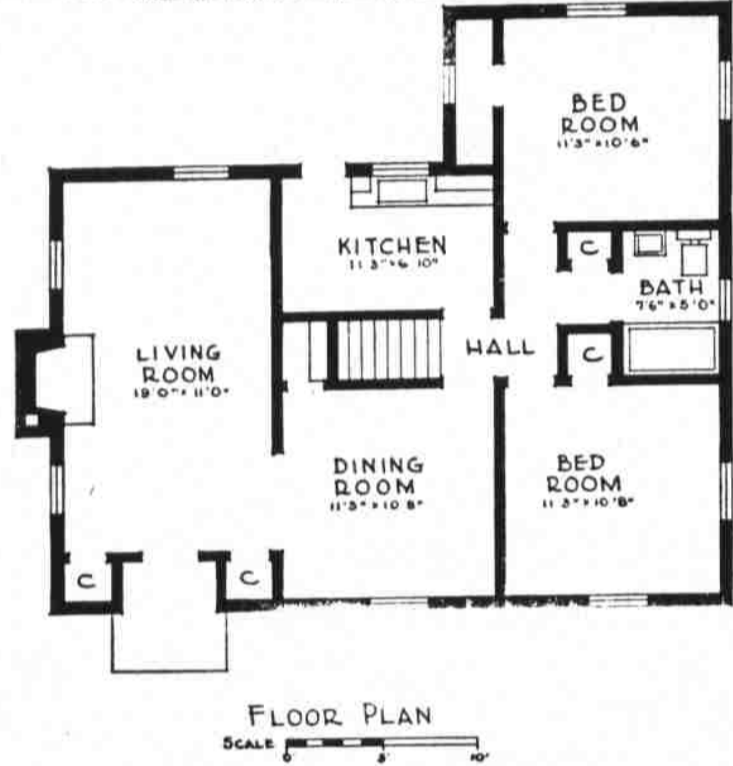
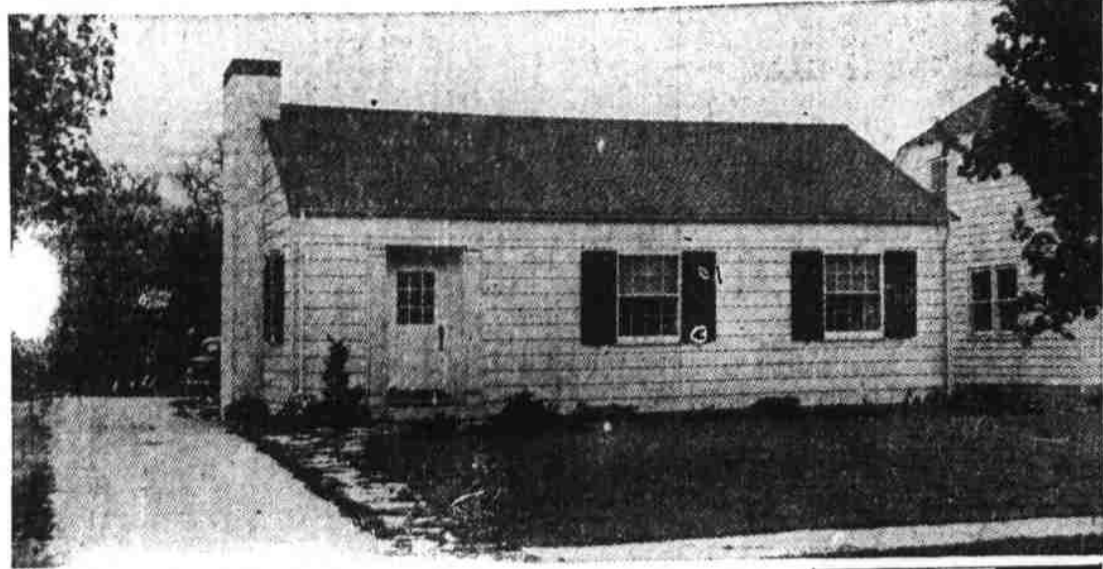
Horizontal metal strips, singly or in double or triple lines, are being used extensively in modern interior and also for exterior ornamentation of store buildings.

These strips, usually of copper, chromium, monel, stainless steel, or aluminum, break up the monotony of solid-colored walls. In interiors they may be used to seal together panels and in many other ways.

CARD OF THANKS

We wish to express our appreciation to our friends and the doctor and nursing staff of Haywood County Hospital for the kindness shown us during the illness and death of our son and brother. Also for the floral contributions.
Mr. and Mrs. Dillard Hooper and family.

Planned for Efficiency



Here is a complete small home that was planned for efficiency and yet has a simple charm that will be enhanced with a little landscaping. Although the house seems very small from the exterior, it contains four large rooms, kitchen, and bath. A comparative rarity in small homes is a full-sized dining room. This house incorporates this feature. It has a full basement.

The house is in Columbus, Ohio, and was appraised at \$5,250. A mortgage was insured on it for \$4,000 by the Federal Housing Administration.

Wooden Strips Used On Glazed Doors

The panes in glazed doors should be held in place with wooden strips or beads and not with pane glass. When beads are used there is also a thin layer of pane glass. This should be placed between wooden shoulder against glass rests and the glass pane.

Constant opening and closing of doors will soon loosen pane glass cause the glass to fall out. By using wooden strips the possibility of breakage is greatly reduced.

Lighting Fixtures Parts Of Decoration

Lighting fixtures are an integral part of the scheme of interior decoration, and a home owner need not sacrifice beauty in the interests of lighting efficiency.

When planning a new home, a study of fixture types that can be combined with the architectural type of the house and the plan of interior decoration will assist the owner in carrying out the motif that characterizes his home.

Home owners whose lighting fixtures are outdated or which need replacement from other causes will find a wide range of new fixtures available.

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