May Utilize the Odd Space for Bathroom

How One Householder Added to the Convenience of His Home.

It is surprising the number of corners available in the average home for the installation of bathrooms. The householder wishing to take advantage of modernization schemes under the Home Improvement Plan has doubtless been giving considerable thought to one of the most serious deficiencies, the lack of an extra bathroom.

In checking over the possibilities, many convenient locations may be overlooked because the space is not the conventional square or rectangular shape. One householder utilized a small tag end of space and produced a very modern, up-to-date bathroom. All fixtures are contained in a space 7½ feet by 58 inches.

At the plumber's suggestion, a built-in tub was placed along the one end of the room, and a two-inch space was left between the tub and the wall to provide space for a "bath-bar"—a ledge with a chromium-plated rail to accommodate bath salts, soap and other accessories. The shower was placed over the tub.

A handsome vitreous china lavatory was fitted into the small nook and provided with one of the new combination faucets which have become so popular in kitchen sinks, allowing the user to wash in tempered water. The bowl is comparatively small, and allows considerable space on top for toilet articles, in recognition of the fact that most people now use the bathroom as a dressing room and the lavatory as a dressing table. The medicine cabinet, with mirror, is placed directly above the lavatory and has lights on either side.

Smart chromium-plated faucets and escutcheons are in the same design, and panelled effects are carried out in the tub, lavatory, closet and towel bars.

"Consult an experienced plumbing contractor and he will gladly offer original and helpful suggestions for making the most of unused space," advises the Canadian Institute of Plumbing and Heating, "and you will realize how much extra beauty, efficiency and health safety are obtainable for a small investment."

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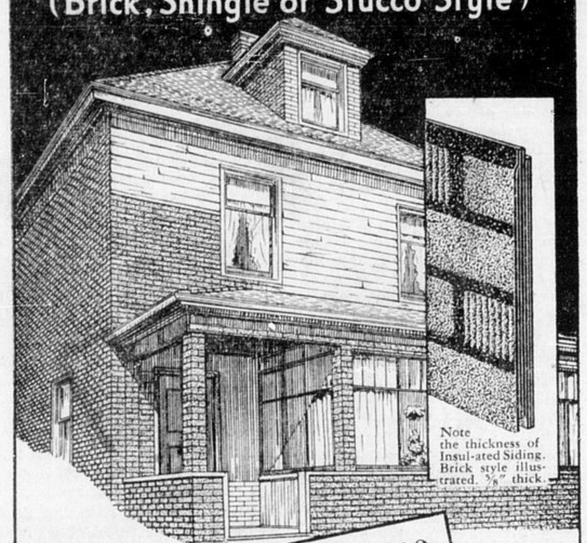

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How Old City House was Modernized in Apartments

The owner of an old city house decided to turn it into small apartments. The problem was to make each apartment as distinctive as possible and keep them from being uniform.

Plans were made for one and two-room apartments. The architect who planned the remodelling of the building designed the one-room apartments with a maximum amount of floor space in the living room, and small bathrooms and kitchenettes. When the owner furnished the apartments she selected plain furnishings and through simplicity gained an effect of smartness as well as spaciousness.

One apartment had walls of plain grey, with a white Grecian design on one wall. The ceilings were high and long windows were uncurtained and had white venetian blinds. Floors were painted black and the woodwork white. The room had no central illumination, but numerous lamps gave adequate light.

Recognizing the rental value of such a feature, a fireplace unit was installed. It was of a black composition material and a large, square unframed mirror was hung over it.

White lamps and other accessories were used with a touch of bright blue for accent.

Bathroom Now Given Special Attention

Modern Style of Bathroom Different from Old Type of This Room.

The day of the prosaic bathroom is gone forever. No longer is it just a room for one's bath and a place to hide the mop and carpet sweeper. It has become an integral part of the decorating scheme in the modern house.

Daring colour schemes frequently appear and close attention is given the most minute detail by the fastidious housewife who exerts her decorating ability on this room.

An old-fashioned bathroom is an inconvenience which need not be countenanced. Under the terms of the Home Improvement Plan amounts up to $2000 may be obtained from any Canadian bank for modernization of a private home.

One bathroom showed what may be done through modernization. A nondescript cubicle was transformed by an ambitious home owner into an attractive room.

A particularly interesting feature is the shelf which was built between the bathtub and the wall. This holds bath salts, dusting powder and other accessories and is a decorative asset as well.

A composition covering in marble design wasp laced on the floor and a washable wall paper covered the walls. The picture mould was painted a dark colour which harmonizes with the paper and boarders the ceiling. A central lighting fixture gives adequate light for the entire room.

The cabinet in which the wash basin is set, is purchased as a complete unit and serves a double purpose. It completely hides the plumbing fixtures, and makes repairs possible without the disagreeable task of tearing out walls and floors. Space in the top may be used for the storage of bathroom linens. The mirror serves as a door to the medicine chest.

The woodwork around the window is an original note. It was painted to harmonize with the two-toned floor covering. A modern bath stool was purchased by the owner to complete the modern room and is in keeping with the chromium-legged wash stand.

Bay Windows Add to Interest of Homes

Give Touch of Individuality to Inside and Outside of House.

The bay window once again is coming back into its own. Many a commonplace room has been turned into a room of charm and individuality with the addition of such a window. It adds both to the interior and exterior of a home.

Aside from being an interesting feature, a bay window may be important and practical as well. It may serve to increase the apparent size of a room or increase the window area. With provisions for flowers and plants it may become a miniature conservatory. With a built-in seat it may conceal heating radiation, and with glass shelves it may provide display space of a hobby.

Funds for the addition of a window of this type may be obtained under the Home Improvement Plan at a low rate of interest.

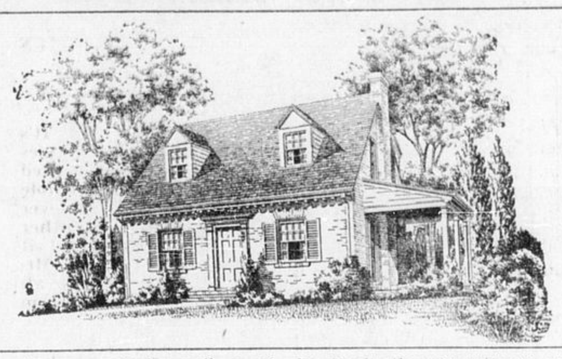
May Reproduce Charm of Old Colonial Home

In Comparatively Small House Many of the Advantages of Much Larger Homes may be Secured Through Adoption of This Type of Dwelling.

(By M. B.)

The charm of old colonial homes is reproduced in this authentic small home. Careful spacing of windows and doors, the inclusion of such details as an attractive open fireplace and turning stairway, and the attractive living porch all contribute to the air of complete livability.

Careful planning has given the interior many of the advantages of much larger homes. While the entire floor space is comparatively small, a spacious living room, a square dining room (generally considered the most satisfactory shape) and a complete, compact kitchen occupy the first floor. A small vestibule and convenient coat closet contribute the privacy so often lacking in homes as small as this.



Two bedrooms, one of them large enough to accommodate twin beds, and a modern bathroom complete the second floor.

Hall space throughout the house has been reduced to a minimum, with doorways planned for easy circulation. The basement reached by a stairway directly opposite the rear entrance, provides space for a modern laundry and heating plant, and additional space makes it possible to plan a basement recreation room or den if desired.

Alternate Construction

Shown here in brick or brick veneer, this type of house is equally attractive in shingle or frame construction. Straight walls, plumbing concentrated in one corner of the building, and complete utilization of all the space are elements that make for lower construction cost in building this house in any part of the country.

Guest Room Adds to Attraction of Home

Attic May be Turned into a Pleasant Extra Room for Guests.

If you enjoy visitors and like to have company, be sure that your home has an attractive guest room. Nothing makes the visitor feel more welcome than a room of his own which shows that the home-owner has had his comfort and pleasure in mind in its planning.

If you haven't such a room in your home and there is available space—in the attic, or a little-used den or sewing room—you can obtain modernization funds through a bank under the Home Improvement Plan and create a guest room.

One home-owner used attic space to make a most attractive guest room. The unusual shape of the room, with the slanting ceilings was played up in the decorating and became an asset rather than a liability. Wall board was used to hide the unfinished attic walls, and was then papered.

Moulding was used effectively to border the straight section of the ceiling. The two sides of the walls toward which the ceiling sloped were finished in the same ivory paper that was used on the ceiling, and a gay floral pattern paper was used on the siding at either end of the room.

The regular attic floor was smoothed, stained and polished. Adequate electric outlets were provided to care for the lamps necessary to the room's needs.

The furniture, which was purchased with the housewife's own funds, was well suited to the quaint room. A four-poster bed was placed under the sloping ceiling. A valance, hung along the moulding, formed a canopy and white dotted swiss curtains hung at the sides.

A plain rug covered the floor and small hooked scatter rugs were placed in front of the dresser and at the sides of the bed. Pink glazed chintz curtains hung at the window. Lamp shades were pink, throwing a rosy glow over the room at night.

A mahogany chest of drawers, sewing table and night-stand completed the furnishings. Flower prints and silhouettes were hung on the walls.

Planning Kitchens Modern, Convenient

Streamlined Kitchens Recoming the Mode of the Day.

A kitchen that wastes no steps but has all the necessary equipment is the aim of nearly every housewife. Streamlined kitchens are as much in vogue as streamlined automobiles these days.

An old-fashioned large kitchen may be modernized through the aid of the Home Improvement Plan. The housewife will find that she is not as tired at the end of the day if she has less space to walk around in to locate the mixing bowl, the flour or a clean dish towel.

The kitchen of one house was divided in half and one side was made into a breakfast room. Tile, cleaned with a flick of a damp cloth, covered the walls of the modernized rooms. The stove, woodwork and other accessories were finished in yellow or white with black trim. Closets were built where they were easily accessible. Drawers under the sink took care of towels, silver and other utensils, pans, cleansers and soaps. A screened door hid the plumbing from sight but allowed free circulation of air.

Indirect lighting in the ceiling over the sink gave an even light but avoided glare or unpleasant reflections. Outlets over the sink, however, took care of electric mixing bowls and other implements.

The fastidious housewife will be as particular about the little details of the kitchen as she would be of a guest room ensemble. Towels may be had in pleasing combinations, potholders have become things of beauty and even soap flakes may have the container hidden in an attractive holder to match any colour scheme.

The kitchen which was modernized had a floor of black composition material, easy to clean and blending with the other details of the room's decoration.

Using Ray Machine for Treating Cancer

Experiments at Columbia University Considered as "Encouraging."

Canadian doctors who are paying particular attention to cancer research are awaiting with interest further results from the giant X-ray generator recently installed at the Columbia-Presbyterian Medical Centre.

Dr. Francis Carter Wood, director of the Institute of Cancer Research of Columbia University, told the New York Electrical Society that this million-volt X-ray generator was the most ingenious apparatus yet developed for cancer therapy. While its true potency in combating cancer could not yet be accurately determined, the results so far obtained in the "experimental period" through which cancer theorapy research is now passing, had been of a nature to "encourage optimism."

He said that the Columbia experts were experimenting with the use of current at low intensities administered over a comparatively long period of time. He pointed out that in the past the more frequent technique used has been to apply a high-intensity current for a few minutes at a time.

"It is now well-known," he explained, "that the administration of large doses of X-ray rapidly is extremely damaging to the healthy tissues. The dose may damage the cancer tissues also but where are you if you have serious damage to the healthy structures which may ulcerate or make all sorts of trouble almost as bad as the cancer?

"It is best to give X-ray treatment very slowly and that is the secret of radium, which has always been used in moderate quantities and over long periods for the simple reason that we could not get large quantities and had to get the effect by prolonging the treatment. If the same thing is done with X-ray we get the same beneficial results that we do with radium.

"The new high-voltage generator has given us hope that in our treatment of deep-rooted cancers we may be able to reach cases which could not be treated at all by the lower-voltage apparatus."

Chatham News:—It is said that when Al Capone finishes his sentence he will be deported to Italy. But it isn't likely he will be able to avoid paying his income tax there, either.

Sudbury Star:—The C.I.O. boys have been putting up a terrific squeal about the way some of their pickets were treated at Monroe, Mich. But what do the C.I.O. boys have to say about some of their number throwing a non-union man into a vat of tar?

Simple Field Test to Determine Gold

By Use of Easy Test Prospector Can Tell Whether Ore has More than $2 Gold per ton.

A simple field test for determining presence of gold in ore is described in a paper published in the June Bulletin of the Canadian Institute of Mining and Metallurgy. By the use of this simple test the prospector is enabled to determine whether the ore contains more than $2 of gold per ton and thus enables him to form some opinion of the value of his discovery without having to send the samples to an assay office.

As described, the test consists of taking approximately two pounds of the mineralized rock and powdering it as fine as possible. The powder is panned in the usual manner and the heavy minerals concentrated. As much of the concentrates as can be held on a twenty-five-cent piece is placed in an ordinary tube which is about one-third filled with a ten per cent. solution of iodine. The whole is heated for about ten minutes without boiling and allowed to stand until it becomes clear. By means of an eye dropper the solution is evaporated drop by drop on a hot watch glass. If gold is present in excess of $2 per ton a gold mirror will be formed on the watch glass. The absence of such a mirror after successive tests indicates that little or no gold is present.

The total cost of equipment for making the test is less than $5 and no special skill is required in using it.

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