

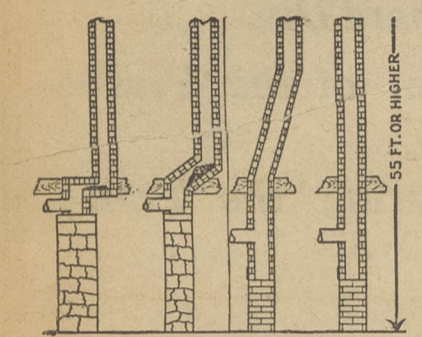
**CROOKED FLUES  
CUT OFF HEATER'S  
OXYGEN SUPPLY**

If the home owner considers the great volume of air that must be drawn through his heating plant in order to burn the fuel efficiently and economically, and if he realizes how impossible it is for a poorly constructed flue to provide this draft, he will see that there are no obstructing offsets in his chimney, the Holland Institute of Thermology of Holland Mich., points out.

It takes the oxygen in about 15 pounds, or 200 cubic feet, of air to consume one pound of coal in combustion. Many a six- or seven-room house requires 100 pounds of coal a day to keep it warm during the severest weather, which means that some 20,000 cubic feet of air must be drawn into the heater by the action of the flue.

Since this great volume of air is essential to efficient burning of the fuel it is easy to see why the inside area of the chimney must be at least 70 square inches for a heating plant of ordinary size. Anything that reduces this flue area, and anything that creates friction between the chimney gases and the sides of the flue, must be avoided. Even the most modern vapor-air heating plant cannot function properly without a good flue.

Turns, or "offsets," in flues are one of the most common causes of defective draft because their real effect is to reduce the effective flue area. Too often, the flue is made smaller at the turning. This cuts down its effective area directly. And, even though this may not be the case, a sharp offset in a chimney causes soot to collect at the turning point so as to obstruct the passage of the air.



Two Examples of Bad Offsets; One, of Less Undesirable Slope. At the Right, an Ideal Chimney.

If you suspect that your chimney isn't right in this respect, have a reliable heating company inspect your chimney with the required engineering instruments. If you don't know a company that will do this for you without charge, write the Holland Institute of Thermology at Holland, Mich., and its engineers will send you a list of such companies in your community.

**CENTRAL CHIMNEY  
HELPS COMFORT,  
CUTS FIRE HAZARD**

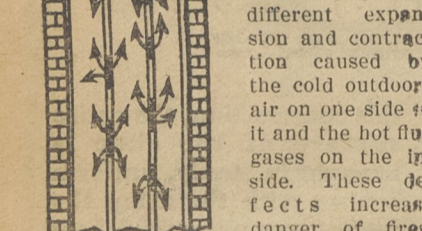
In Colonial days it was a custom to build the chimney in the center of the home so that it would give off radiant heat to all the rooms surrounding it. The Holland Institute of Thermology of Holland, Mich., states that this still is good practice for the same reason, but there are more important reasons why the chimney should be enclosed rather than built as part of an outside wall.

All building materials expand and contract more or less when subjected to changes of temperature. Often a chimney that is part of an outside wall is cracked by the different expansion and contraction caused by the cold outdoors air on one side and the hot flue gases on the inside. These defects increase danger of fires, and interfere with the draft so that the heating plant eats up an excessive amount of fuel and, even then, fails to keep the home comfortable.

Many householders planning to build new homes or remodel those they now occupy assume it is necessary to put expensive liners inside the chimneys. If these flue liners are made of genuine fireclay instead of ordinary clay, and if they are installed so that the joints remain absolutely tight and perfectly smooth, they may be worth while.

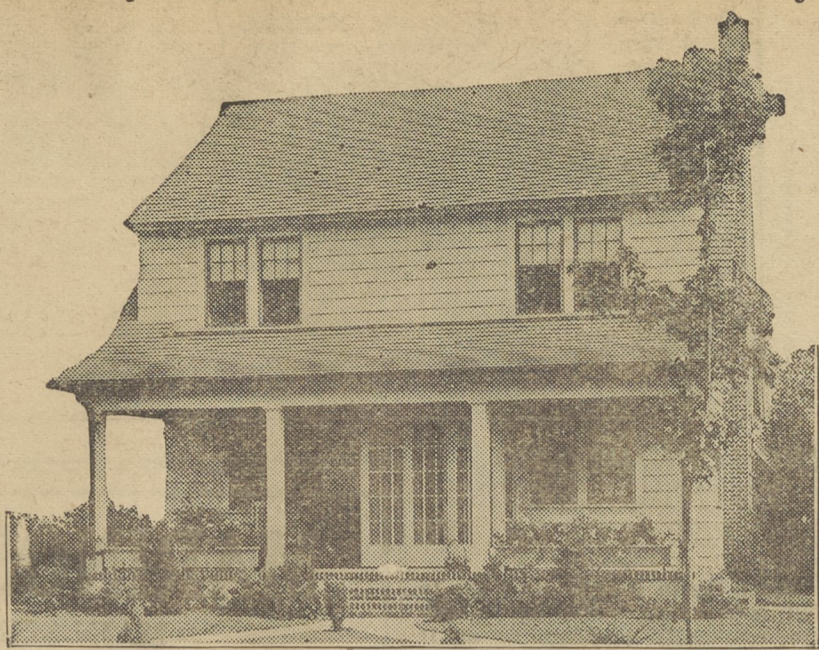
But investigation of thousands of chimney complaints has proved that too often the liners are of ordinary clay so that the intense heat of the flue gases breaks them more readily than it could break plain bricks, or they are mortared together so poorly that their joints develop air pockets or points of friction.

Building experts agree that brick is the best material for chimneys. Where there are more flues than one in the chimney, the best practice is to separate them with a full continuous course of bricks set edgewise.



Multiple Flues Should Have Brick Partitions Between.

**Colonial Home Made Attractive  
by Wide Porch With Glazed Entry**



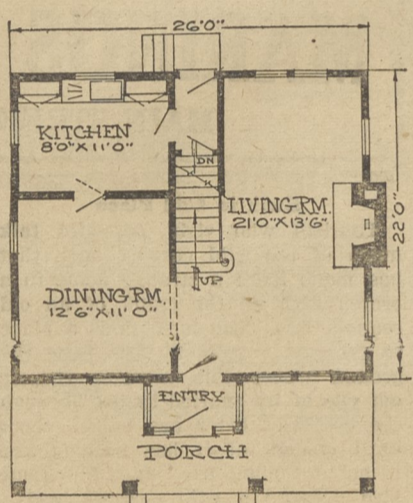
A comfortable looking colonial home. Excellent floor plans, economical construction and an inviting open front porch, distinguish this home.

**By W. A. RADFORD**

Mr. William A. Radford will answer questions and give advice FREE OF COST on all subjects pertaining to practical home building, for the readers of this paper. On account of his wide experience as editor, author and manufacturer, he is, without doubt, the highest authority on all these subjects. Address all inquiries to William A. Radford, No. 1327 Prairie Avenue, Chicago, Ill., and only inclose two-cent stamp for reply.

Here is the type of home which will appeal to a great many prospective home builders, especially those who want a modern dwelling, require only a limited number of rooms and have not a large amount of money to build with. It is a simple colonial home made attractive by a wide porch with a glazed-in entry.

This house is of frame construction and is only 22 feet by 26 feet.

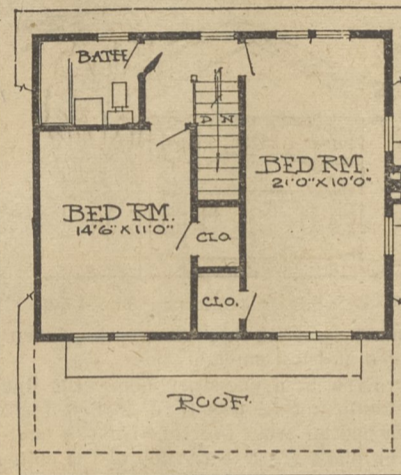


First Floor Plan.

The interior arrangement is such, however, that there is an unusually large living room, 13 feet 6 inches by 21 feet, extending the depth of the house at one end. In the center of the outside wall of this room is an open fireplace while two windows at

the front, two at the side, one at either side of the fireplace, and two at the back, provide it with an unusually large amount of light and excellent ventilation.

As will be seen by the floor plans, the dining room is also a front corner room and is connected with the living



Second Floor Plan.

room by a cased double opening. This room is 11 feet by 12 feet 6 inches. The kitchen, 8 feet by 11 feet, is directly back of the dining room.

Open stairs run out of one side of the living room directly opposite the entrance door and lead to a central hall on the second floor. Here are found the bedrooms, one directly above the living room and practically the same size, and the other 11 feet by 14 feet 6 inches. At the head of the stairs is the bathroom. Should the family be willing to have smaller bedrooms or should the occasion arise the large bedroom can be partitioned into two, each one being 10 feet by 10½ feet.

The wide porch with the brick steps and the overhang of the porch roof take from this home the plainness which is sometimes a drawback in the true colonial design.

**Tudor Beauty Found  
in New Style Roofing**

For many years comparatively few persons recognized the interesting qualities to be found in Tudor architecture, but recently there has grown in this country a widespread appreciation of the graciousness and charm of this old English style.

When the art and design of one country are transplanted to another certain modifications and changes are likely to take place. The English roof was made of natural stone, and the first thought of the American architect was to use only that material. But American inventiveness is not satisfied to follow along the old lines, when some new product can be developed that will add superior qualities. Consequently there has been produced a new and fascinating roofing, tapered asbestos shingles, made in random widths and graduated thicknesses, in a wide range of rich but subdued colors.

The shingles are composed solely of portland cement, pure asbestos fiber and mineral oxides for coloring. They combine the beauty of a natural product with features achieved only by composition material. Instead of possible deterioration, age improves them. They possess a remarkable insulating value and may be had in various types to suit the type of building on which they are to be used.

**Water, Sewer and Gas  
Cost \$25 a Front Foot**

The cost of utilities, such as sewer, water and gas mains, the necessary service pipes inside of curb line, cement walks, curbing and paving is about \$25 per front foot.

As to the increase in values that these improvements have upon land, this depends greatly upon local conditions.

The usual size subdivision lot, whether urban or suburban, is of little, if not practically of no value, without utilities.

A subdivision lot is increased in value one to two times the cost of utilities—in other words, the cost of all utilities being \$25 per foot, a subdivision lot is increased in value up to double that amount, or \$50 per front foot, and in some cases it may even be more because with these utilities you have a piece of useful property—and without them a piece of useless property.

**-Centermoreland-**

The delegates who attended the Sunday school convention at East Lemon on Monday were Brislis Kelley, Ernest Montross, Lalita Van Scoy, Ruth Montross and Mrs. H. L. Daily.

Lolita Van Scoy entertained the Young Ladies' Missionary Society on Wednesday evening.

Mr. and Mrs. Harry Baldwin and son Harry of Norristown spent the week-end at their cottage at Ferris Marsh.

Miss Blanche Howell is spending a few days with her sister, Mrs. Russell Jacques of East Dallas.

A number from here attended the class day exercises of Kingston township high school at Shavertown on Monday evening.

Miss Vivian Dymond of Bloomsburg Teachers' College, and Miss Celestia Levitt of Mansfield Teachers' College are both home for their summer vacation.

John Smith of this place, who has been in the army for three years, is home on a furlough visiting his mother, Mrs. Atto Kelley.

Fred Weber of Wilkes-Barre spent Wednesday with his daughter, Mrs. Eva Brungess.

Prayer meeting was held in the Methodist Church Thursday evening. The theme was "What a Christian Should Wear." Discussion was led by the Ladies' Bible Class. The singing was led by the Juniors.

Vernon Grange will hold open session for lecturer's hour June 15 after the regular session. Each member is requested to invite their young friends. Refreshments will be served free.

The Y. W. F. Mission Society met at the home of Lolita Van Scoy on June 5th. The following were present: Mrs. Wayne Canfield, Ethel Bell, Grace Gless, Verna Brungess, Anna Gay, Mollie Gay, Gladys Dailey, Florence Dailey, Emily Labar, Mary Brown, Edith Schoonover, Ruby Besteder, Florence Weaver, Henrietta Weaver, Doris, Robert and Mildred Schoonover, Mrs. S. E. Van Scoy and Lolita Van Scoy.

Mr. and Mrs. A. E. Evans were shopping in Wilkes-Barre recently. Born, to Mr. and Mrs. Walter Frantz, on Tuesday of last week, a son.

Samuel Van Scoy, one our fine young men, will graduate from Wyoming Seminary next Monday, June 10.

The D. of A. will hold its annual banquet in the Grange hall, Wednesday evening, June 13.

A large number of relatives and friends attended the funeral of Garfield Corby, which was held from his late home in Thurston last Thursday.

Mrs. D. C. Smith is visiting relatives in New York.

Mrs. Edith Ferguson of East Dallas was calling on friends in this place on Wednesday.

Clarence H. Besteder attended the alumni banquet of the Kingston township high school at the Colonial tea room at Fernbrook on Thursday evening.

Floyd Jacques, one of our popular young farmers, has wended his way to Trucksville very frequently for the past few months and on Thursday, May 30, we found the reason—he secured Miss Carolyn Schooley. They came up to Rev. Mr. Stang and were united in marriage. The happy couple spent their honeymoon in Washington, C. C., and have now returned to their home in this place. The young people are serenading them this Thursday evening.

Mr. and Mrs. Draper Schoonover are entertaining a new baby daughter, named Alice Lord.

**Pets in the House**

Pets about the house help to keep the children as well as ourselves happy. Nevertheless, animals may get sick and may transmit certain diseases to humans. If you are in doubt as to an animal's health, consult a veterinarian.

**FLIT**  
Kills Flies  
Mosquitoes  
Other Household Insects

**HIMMLER  
THEATRE**

TUESDAY NIGHT

*Sins of Fathers*

With  
EMIL JANNINGS

WEDNESDAY NIGHT

*Do Your Duty*

With  
CHARLES MURRAY

THURSDAY NIGHT

*His Private Life*

With  
ADOLPHE MENJOU

SATURDAY NIGHT

*Honey Moon*

With  
WONDER DOG

**WILSON FAMILY REUNION**

The eighteenth annual reunion of the Wilson family will be held at Lehigh Valley Park, Harvey's Lake, on Thursday, June 20, 1929. All relatives and friends are requested to be present. Everyone welcome. Come and help make this an enjoyable event.

**ROTARIANS MEET**

A number of guests were present at the meeting of Dallas Rotary Club on Thursday evening. Among them was Manager Kintzer of the Commonwealth Telephone Company, who gave a brief talk on the work of the company in this and nearby communities.

Russell Case read the biography of Claude Isaacs, a brother Rotarian. Mr. Isaacs has the distinction of being the only member of the local club who was born and reared in Dallas.

Miss Hislop of Forty Fort entertained the club with vocal selections. Following the entertainment program there was a brief business session and discussion.

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House  
Prices!**

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29x4.40 \$6.19	30x3½ \$5.45

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Dallas      Shavertown