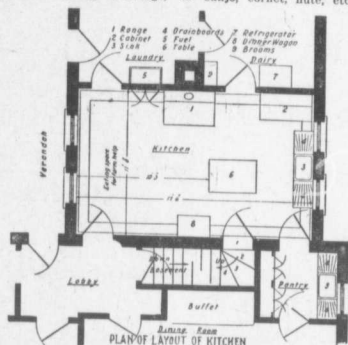


large soft water tank, lighting system, etc. There is also an outside entrance.

The exterior has a good substantial appearance (Fig. 3), and is a plain style of architecture that will not look out of date 10 years hence.

Complete working drawings, to

cannot be fully appreciated until tried out. The family orchestra may consist of but a piano and mouth organ, a combination which is pleasing to many music lovers. Other instruments, such as the violin, mandolin, banjo, cornet, flute, etc., make good



rather than in specifications and bill of material, can be had by writing the Department of Agricultural Engineering, Manitoba Agricultural College, Winnipeg. This material is sold at a nominal price with no intention of securing a profit, but to cover the cost of the reproduction of individual copies. For the first five applicants residing in Manitoba is \$5, and for those residing elsewhere is \$5. This is an especially good price since an architect would charge not less than \$150 for doing a house of this size. Applicants, when sending for this material, should allow plenty of time for getting out the drawings, and the specifications and bills of material.

## Music Safeguards the Home

THE strength of a nation is reflected in the character of the home life of its people. Consequently anything that exercises a good influence on home life should have the ear of every thinking person. For some few years there have been those who have sincerely regretted the multiplying influences that they thought were weakening the influence of the home. These people have looked apace at the way automobiles, attendance at the moving picture theatres, and the social activities of a semi-public nature and such, all of which are quite proper in their places, most essential indeed, have combined to take people away from their homes so much

Again, for a considerable time, the growth of our cities at the expense of the rural communities, has become alarming, and the burning question has become—how can, not only the boys, but the girls, be kept on the farms. If home life is to be safeguarded and maintained, one of the strongest answers to these questions is, more music in the home. Someone has said: "Let me but write the songs of a nation and I care not who makes their laws."

The effect of music on every member of the family is truly great from childhood up, and that family which fails to have music of some nature in the home is missing much, both from a pleasurable standpoint and from the standpoint of refinement. The refining influence of music cannot be denied by any intelligent person.

Family orchestras in country homes are coming to the forefront in some communities, and the value of such entertainment in the home during long fall and winter evenings especially.

combinations along with the piano. Of course it requires some training in order to be able to play any of these instruments, but it pays to make some sacrifice in order to obtain some musical accomplishment. Whatever will make life happier for ourselves and others is worth the cost of the time, labor and the doing without, if necessary, of other things of lesser value.—A. G. M.

## Home-Made Trench Stoves

**W**HEN sending boxes to the boys at the front we are sometimes at a loss to know what to put in that will be different to anything previously sent. How many have heard of sending trench stoves? They are very useful, as oftentimes it is difficult for the boys to get fuel, and these stoves will heat soup or water for making tea, coffee or cocoa. They are inexpensive, all that is required being old newspapers and some paraffin wax. Here are the directions:

Spread out four newspapers, eight sheets in all, and begin rolling at the long edge. Roll as tightly as possible until the papers are half rolled, then fold back the first three sheets toward the rolled part, and continue to wrap around the roll almost to the first fold; then fold back another three sheets and continue to wrap around the roll again up to the last margin of the paper. On this margin, consisting of two sheets, spread a little glue or paste and continue the rolling so as to make a firm roll of paper almost like a torch.

If desired the newspapers may be cut before rolling in short strips, but it is claimed to be easier to roll the whole newspaper and then cut into short lengths. Anyone who has an old-fashioned hay cutter, or a pair of sharp pruning shears, or even a carving knife, well sharpened, can cut the paper easily. The little rolls are then boiled for four minutes in enough water to cover them. To use them, the soldier takes three of the little rolls, props them together, and lights them at the top as one would a candle. They are supposed to burn for 20 minutes or half an hour.

We are told that in Italy and France little children, and grown-ups also, are making these little stoves in large quantities and sending them to the soldiers where fuel cannot easily be had.

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