

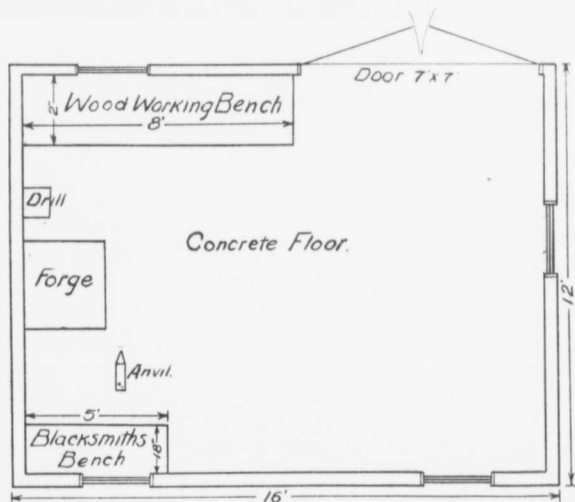
studding is 2 inches x 4 inches x 7 feet set at 24-inch centres if lumber is used. If metal siding and roofing is used they can be set according to the width of the metal. Corrugated metal siding is usually about 30 inches wide. For the walls a lap of one corrugation, which is $2\frac{1}{2}$, is sufficient; for the roof, a lap of two corrugations is better.

The walls are braced with 2 x 4 diagonally from the corners on the ends and back. The roof has 2 inches x 4 inches x 16 feet collar ties on every second pair of rafters.

FARM WORKSHOP

Every well equipped farm should have a small workshop with a few carpenter tools, a forge, and a few blacksmithing tools. Figure 68 shows a plan that might be suitable for the average Manitoba farm. The proposed building is 12 x 16 feet with 7-foot studding and a common gable roof. The building should be set on a cement or stone foundation. One ply of boards for the wall, and an earth floor does very well for a shop; but if a better finish is wanted it should be boarded up inside, and a cement floor put in.

The workshop should be in a building of its own rather than in one end of the machinery shed, because there is always a certain danger from fire. It seems like too big a risk to have a lot of valuable machinery stored in a building where there is danger of fire.



PLAN of
FARM WORKSHOP.

Figure 68