

same level as that of the main building; a rough floor will answer for this apartment. An elevation of only a few inches above the ground will be sufficient for the sill of this building.

For this out building, the studs should be clap-boarded on the outside and covered on the inside by boards planed and grooved.

The entire outside walls of the main building should be first covered with rough unplained boards, which however must be well jointed together. These boards should be nailed obliquely to the studs of the frame, so as to give greater solidity to the building. Upon this boarding two layers of building paper should be placed one over the other with the joinings covered. The whole may then be finished by clapboarding.

In the interior of the apartment containing the separators, a single thickness of planed boards, grooved and well jointed together, will be sufficient and this as well for the outside as for the inside walls.

For the room where the butter is worked and in the interior, rough 1 inch boards but well jointed together should be first fastened to the studs of the frame, the boards should be nailed obliquely to the studs, but inclining in an opposite direction to the rough boards nailed on the outside of the building. Upon these boards two layers of paper one over the other and with joinings covered, should be placed, when the whole should be finished by boards well planed and grooved. This method of construction should be followed for the interior of the four walls of this apartment.

For the ice house, to begin with rough well jointed boards should be first nailed to the interior of the four walls, on these boards two layers of paper should be placed one over the other with the joinings covered and the whole finished by a covering of well planed and grooved boards; that is to say that the walls of the ice house should be constructed similarly to the walls of the room where the working of the butter takes place.

For the two refrigerators, (figs. 1, 2 and 3.) the construction of the interior walls is slightly more complicated. In the first place, as stated above these apartments consist of two stories. In the upper story the four walls will be simply covered by 1 inch boards. In the lower story, which is 6½ feet high, work should be commenced in the interior,—and in each of the two compartments of each refrigerator—where the four walls should be covered

by rough boards there should be boards well jointed together by one more than from these boards being covered and planed

Fig. 2
The floor
where the walls
of 2½ x 10",
hemlock deal