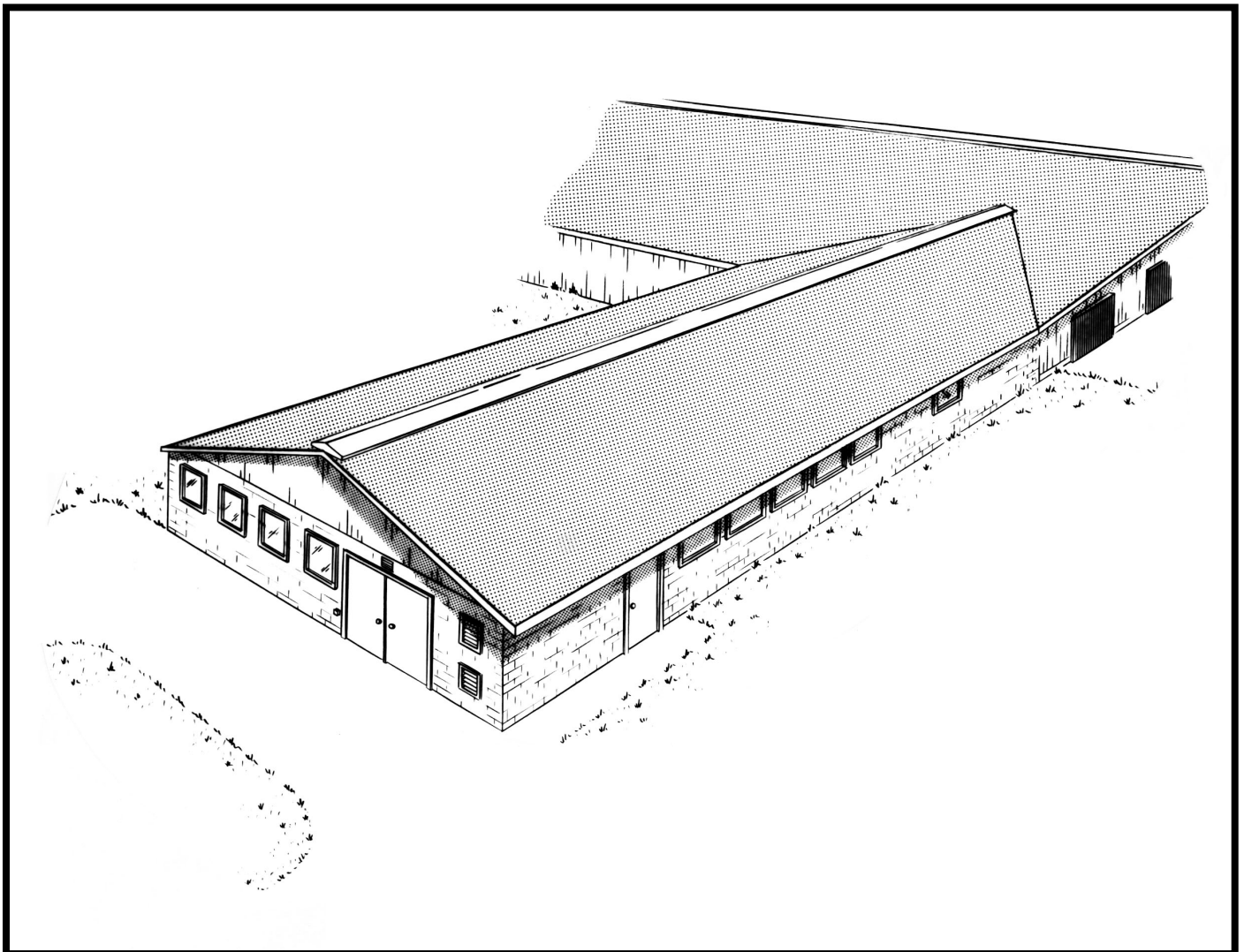


# MILKING PARLOUR COMPLEX - 100 COW DAIRY SYSTEM



## **MILKING PARLOUR COMPLEX - 100 COW DAIRY SYSTEM**

The plan shows a good layout for a milking parlour, milk room, utility room, office and adjoining hospital area. On Sheet 2 of the plan, four different layout diagrams are shown for typical arrangements of these rooms. Every dairy farmer has his own ideas and you may wish to modify these plans to suit your requirements. It is important to consult with the provincial dairy barn inspector in your area to be sure your plans will comply with the regulations. Work with the inspector before you start construction.

The new regulations will permit the use of overhead sliding garage doors to separate the holding area from the milking parlour. These doors must remain closed when the parlour is not in use. The plan shows details for installation of these doors. It is recommended practice to pen the doors before herding the cows into the holding area.

Suggested fan sizes are shown in the plan for ventilation of all areas of the milking complex. To ventilate the holding area, provide air inlets at the eaves and a ridge vent if a gable roof is constructed. If it is not

possible to install a ridge vent over the holding area, fans may be installed to change the air.

For exact dimensions of the parlour and milk-room, check with the milking equipment supplies. Dimensions shown on the plan are typical for most herringbone type parlours.

There are several methods to finish the interior of block walls. The walls may be finished with cement grout and painted, glazed tiles may be applied or fibreglass panels may be applied. Glazed building blocks may also be used for construction. The Dairy Barn Inspector can advise you regarding interior finishes.

There is very little insulation value in cement blocks, even if the cores are filled with vermiculite. A method to insulate the exterior of the block wall is shown.

It is recommended that all equipment and hardware be properly grounded and bonded to steel mesh placed in the cow platforms. This is to avoid problems associated with tingle voltages. Engineering plan 324.5-1 has specifications for grounding parlour equipment.