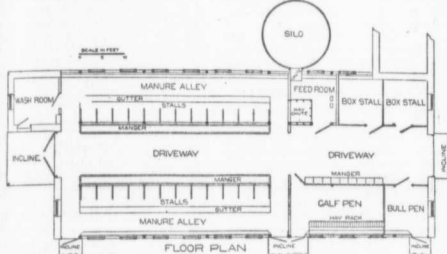


### The Dairy Barn

What is the ideal dairy barn? This was the subject discussed by Mr. J. H. Grisdale, Director of Experimental Farms, at the last convention of the Western Ontario Dairymen at Stratford. "The old method of stabling," said Mr. Grisdale, "was to have all the stock on the farm in the one building. This method is still followed extensively, but it is not a de-

The proportions of the basement already constructed proved to be utterly wrong for the accommodation of the stock that he planned to house there. The doors were so absolutely out of place that the best of planning could not make them convenient. There were not one-half enough windows and no provision for ventilation. I told the young man where he had made a mistake, and he went away thinking I was a mighty poor



A Dairy Stable Arrangement Recommended by the U.S. Dept. of Agriculture

sirable one for clean milk production."

"The ideal barn for milk production," said Mr. Grisdale, "is one in which there is no provision made for storage of feed overhead. This style of construction has many advocates, but it is inconvenient for feeding, and I don't believe that it will give better results than will the system of overhead storage where the stable is properly constructed."

"We have found no difference in so far as hygienic conditions are concerned between cows heading out and cows heading in. We have found it most convenient to have cows facing in because of the support of the superstructure."

### A Case for Foresight

"Architect," Peterboro Co., Ont.

Not long ago a young farmer dropped into my office with an announcement that he was going to build a new barn. His next move was to

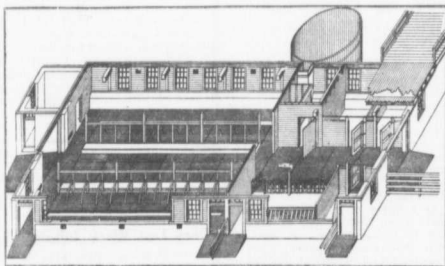
architect because I couldn't put plans inside his walls.

If this were an isolated instance I would not mention it, but I have had many men come to me with a barn half built, finding themselves stuck on the subject of interior arrangement. If there is any place where foresight should be exercised it is in the planning of buildings. A few dollars and a few hours spent in getting complete plans beforehand will save many dollars and many days later on.

### The Stable Wall

The ideal stable wall is the one that is both warm and dry. It therefore is of neither cement or stone construction. Neither does the ordinary frame wall as found in the country answer the requirements.

J. H. Grisdale, Director of Dominion Experimental Farms, believes that the very best stable wall is constructed somewhat as follows, start-



A View of the Same Stable Showing Details of Construction

This plan is a good one where a separate barn is provided for the horses. Notice the window space, King system of ventilation and the conveniently arranged and isolated feed room. If it were desired to have a root collar opening into the feed room also, the silo could be placed a little further to the left, the drive door moved over or the incline extended and a root house built under the approach. The wash room is also a good feature of this plan.

pull from an inside pocket a sheet of paper on which was neatly drawn out the plans for the basement walls, which were already constructed. That young fellow had actually gone ahead and built cement foundation walls, placed his windows and doors before he had even thought of planning the interior arrangement. Then he came to me to draw out plans for the accommodation of 10 milch cows, 12 head of young stock and six horses.

ing on the outside: Matched lumber with batens two ply of building paper, studding, and, on the inside, linoleum paper. This wall, he says, is both warm and dry, providing, of course, a good system of ventilation is also installed. Of all the systems of ventilation known, Mr. Grisdale favors the Rutherford.

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