

HORSE BARN

The two plans of horse barns shown offer many suggestions to those especially interested in a separate barn for horses.

Figure 1 is the general plan of the horse barn being built at the new College site, south of Winnipeg. The main part is 40 x 135. The plan here shown is not accurate in every detail, but covers the features in which the farmer is interested. There is a driveway running a short distance along one side of the barn (shown in the end elevation), which elevates loads of grain sufficiently so that it can be easily gotten into the loft through a side door. The horses head out, ample feed passages being provided. Note the convenient location of the feed and harness rooms.

The dotted squares marked "trap" locate the hay chutes. Ample ventilation is supplied by the Rutherford system. There is a root cellar underneath the tool room and office. The cut-off for the water connection to the barn is in this cellar. The stalls have a plank floor, so arranged that it can be renewed when necessary.

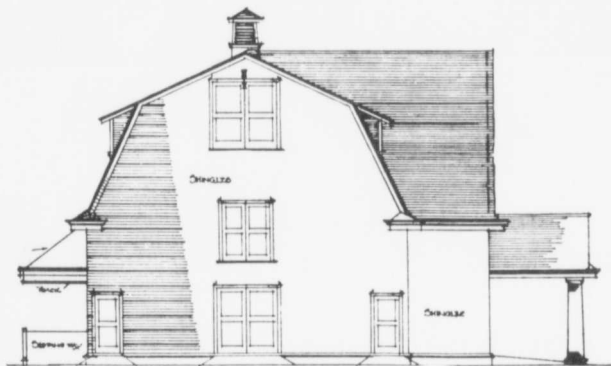


Figure 3

Figure 2 shows the front elevation of the barn. It has a gambrel roof which is strongly supported by purlins and heavy purlin posts. Instead of the usual siding, the College barns will be shingled. The surface will be broken at intervals by double rows of shingles to give a better appearance.

Figure 3 shows the end elevation of the horse barn. The sloping driveway and track are shown at the rear.

Figure 4 shows the floor plan of the horse barn at the Michigan Agricultural College. It is 48 x 94, with 18-foot studding. It also has a gambrel roof. The King system of ventilation is used. The horses