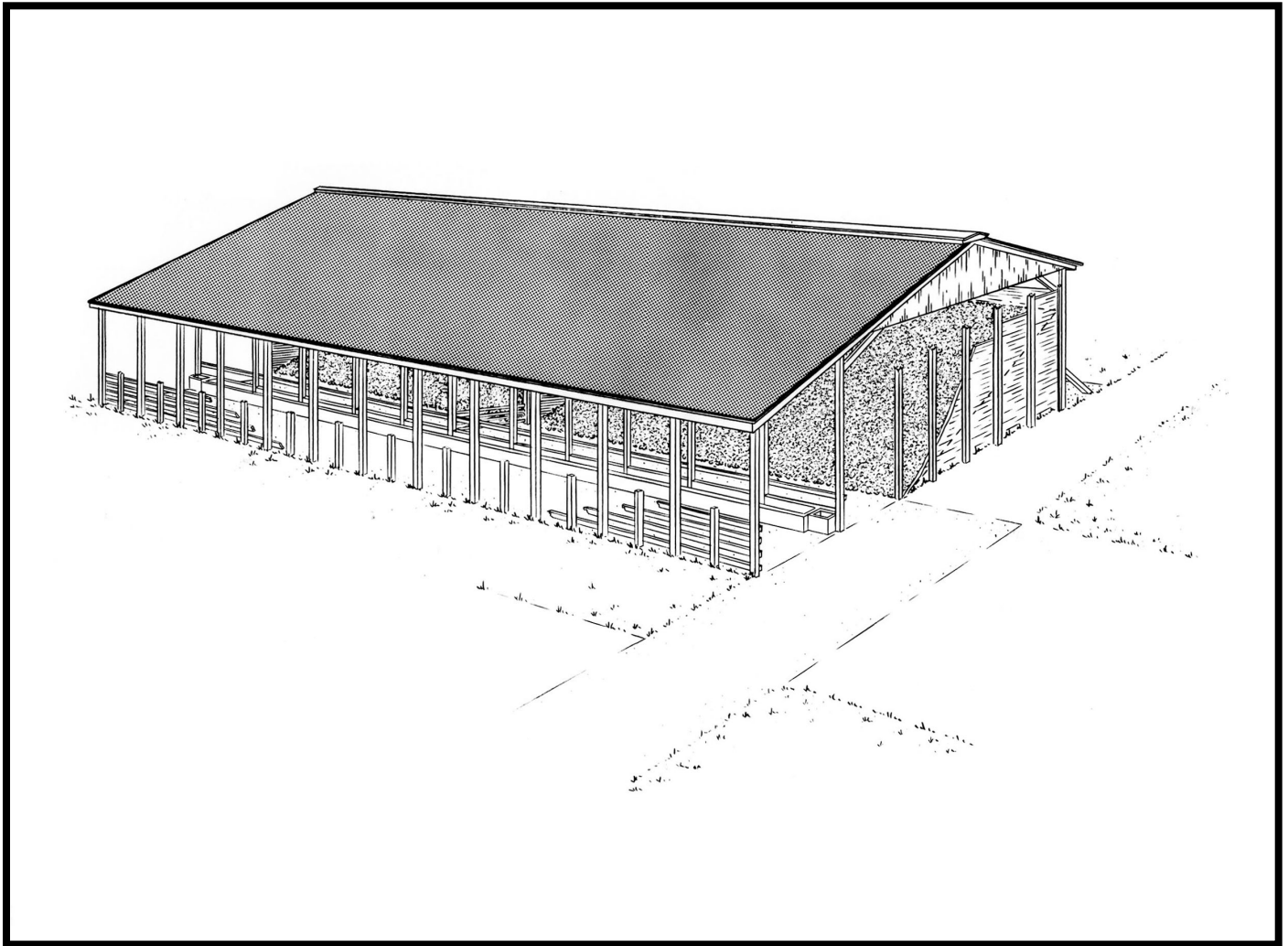


BEEF FEEDING BARN - WEDGE PACK BEDDING 400 HEAD



310-03

BEEF FEEDING BARN WEDGE PACK BEDDING 400 HEAD

This beef feeding barn is a 70 ft. x 192 ft. semi-clear span, pole type structure. Pens are 56 ft. x 96 ft. They are on one side of a covered drive-through feed alley and will each accommodate approximately 200 feeders.

One of two main features of this building is the wedge-shaped bedding pack. Prior to moving the animals into the building, a pack of bedding is built up in a wedge against the reinforced back wall. Action of the animals walking on the slope works the soiled manure down onto a concrete apron in front of the feed bunk. Manure is scraped from the concrete apron on a regular basis and stock piled on a concrete pad outside the building.

Producers using the barn claim a considerable saving in bedding requirements. The need for separate bedding

storage space is eliminated with this barn. Also because of the reduced amount of bedding mixed with the manure, this feed-lot manure is in high demand and readily trucked away.

The second feature of this type of beef housing facility is the drive-through feed alley which allows the feeding of a complete ration by means of a self-unloading power box wagon or truck.

The building is ventilated using natural convection. Cool air enters the building at the top of the walls, picks up heat and moisture, and rises to the ridge where it is exhausted through a continuous slot. Since the drive-through side of the barn is relatively open, this side should face away from cold winter winds.