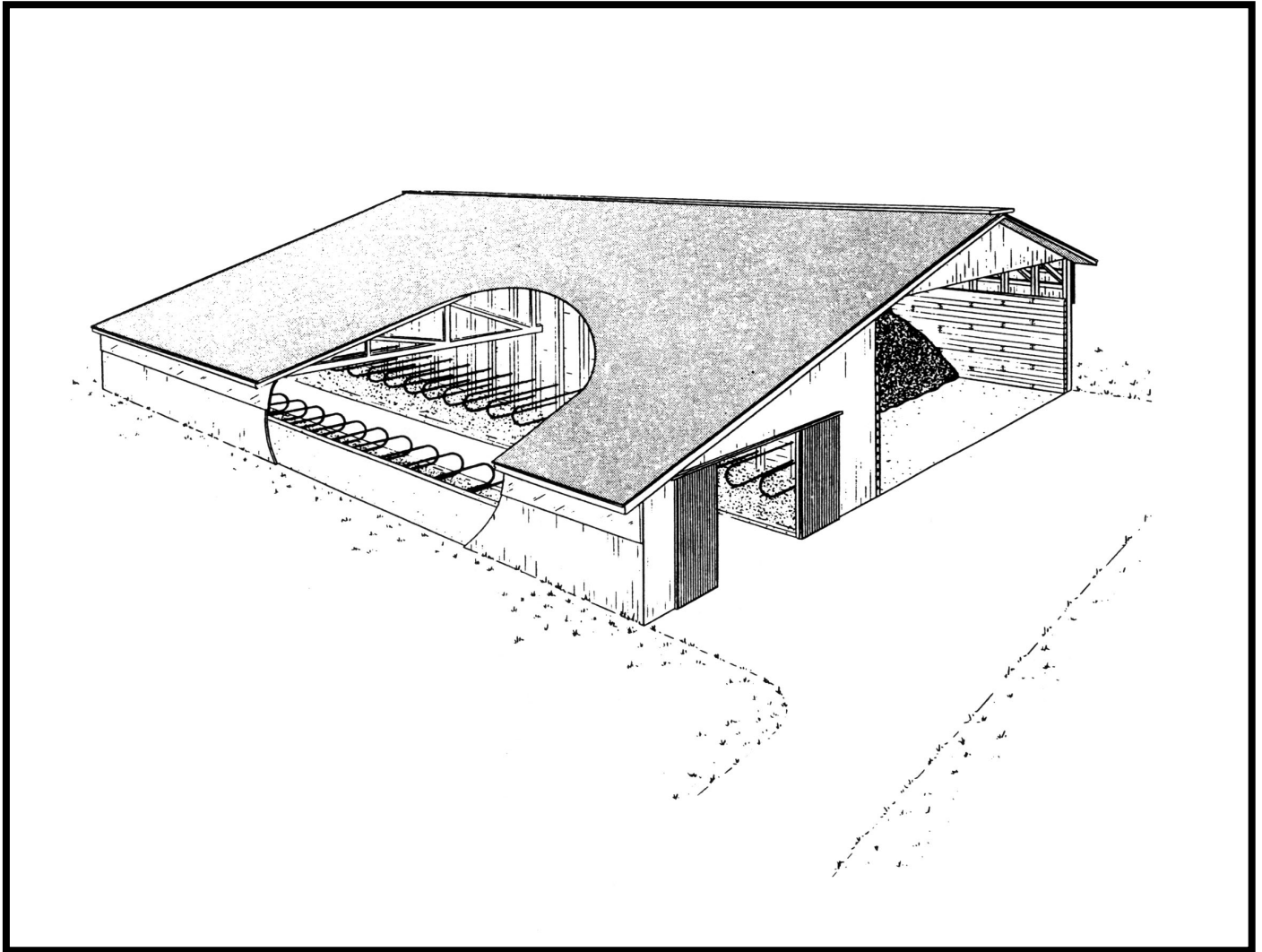


BUNKER SILO LEAN-TO



323-01

BUNKER SILO LEAN-TO

This plan gives details for construction of a 26 foot wide lean-to on the side of a bunker silo. Two plan details are offered with a choice of having two rows of free stalls in the lean-to or having one row of free stalls with overhead hay storage and a feed bunk.

VENTILATION by means of fans is recommended in this lean-to. It is also recommended that a ridge ventilator be installed to the peak of the bunker silo when cattle are self feeding or animal housing is attached to the bunker silo.

DETAIL 1 shows the roof is constructed with a single slope truss. This truss is attached to the bunker silo poles and rests on a frame wall at the heel end of the truss. The lean-to is 26 feet wide, which allows for two rows of free stalls with a litter alley between. Alternately, part of one row of free stalls can be eliminated and a feed bunk installed instead.

DETAIL 2 shows a 26 foot lean-to with an overhead hay floor and a feed bunk in place of part of one row of free stalls. To allow for hay storage, the roof is constructed with post and rafters. Also, for the added hay storage and headroom required, the slope of the roof is changed to 2/12. Consult your roofing material supplier for the application requirements for this slope of roof.