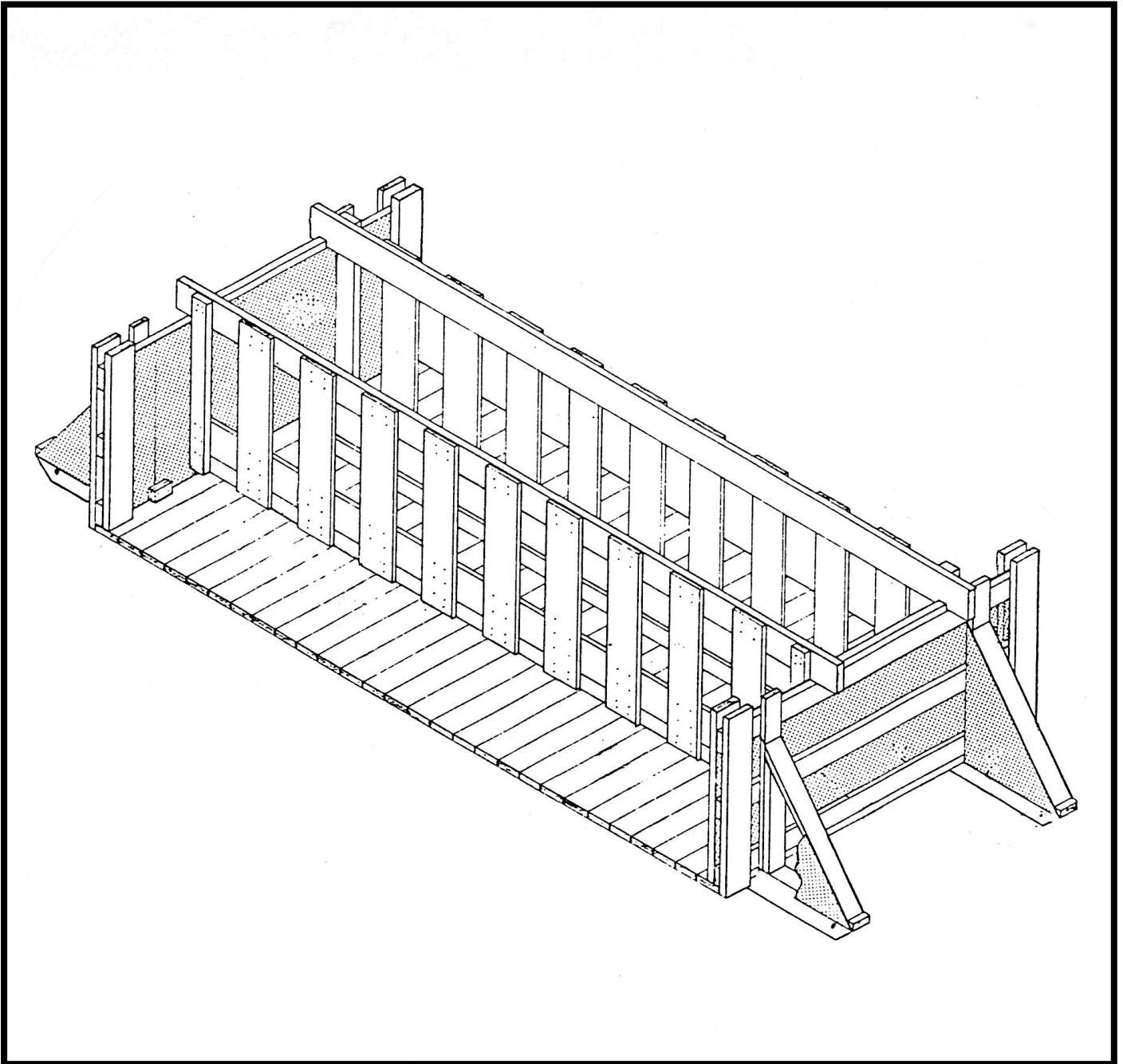


LARGE ROUND BALE SHEEP FEEDER



DEVELOPED BY CANADA PLAN SERVICE

352-20

LARGE ROUND BALE SHEEP FEEDER

**CPS
PLAN 4629**

The convenient, portable feeder for large bales is designed to minimize waste, yet allow animals to clean up all the feed before more is added.

Each feeder will hold two bales, laid on their side (do not lay bales on end). The feeders will feed 200-250 ewes, and last two weeks between filling. For a smaller group make a half-size feeder for one bale. If both hay and straw are being fed, place hay in one feeder and straw in another; do not mix hay and straw in one feeder as they are not consumed at the same rate.

The main feature is the movable feed gate which is suspended between the end panels. As the bale is eaten, the feed gate is moved a notch forward until all the feed is cleaned up. Blocks at the floor level prevent the feed panel from being swung outward, and the panel is easily removed, if necessary, to assist filling.

The feeder platform is of plank on wood skids, preferably pressure treated. The feeder is portable, and can be towed to the hay for loading. For winter use, lay small poles or logs under the skids to reduce freeze-down of the feeder, or at least make it easier to pry the skids loose.

End panels must be rigidly braced, best done by a brace and plywood gussets, as illustrated. Cutting of 800 mm high end panels from a standard 1200 x 2400 mm plywood sheet will be least wasteful if the sheet is cut in three 800 mm lengths. Pieces 1200 mm and 300 mm wide are spliced, as shown, for the ends, and the remaining 600 x 800 mm sections cut diagonally for the brace gussets.