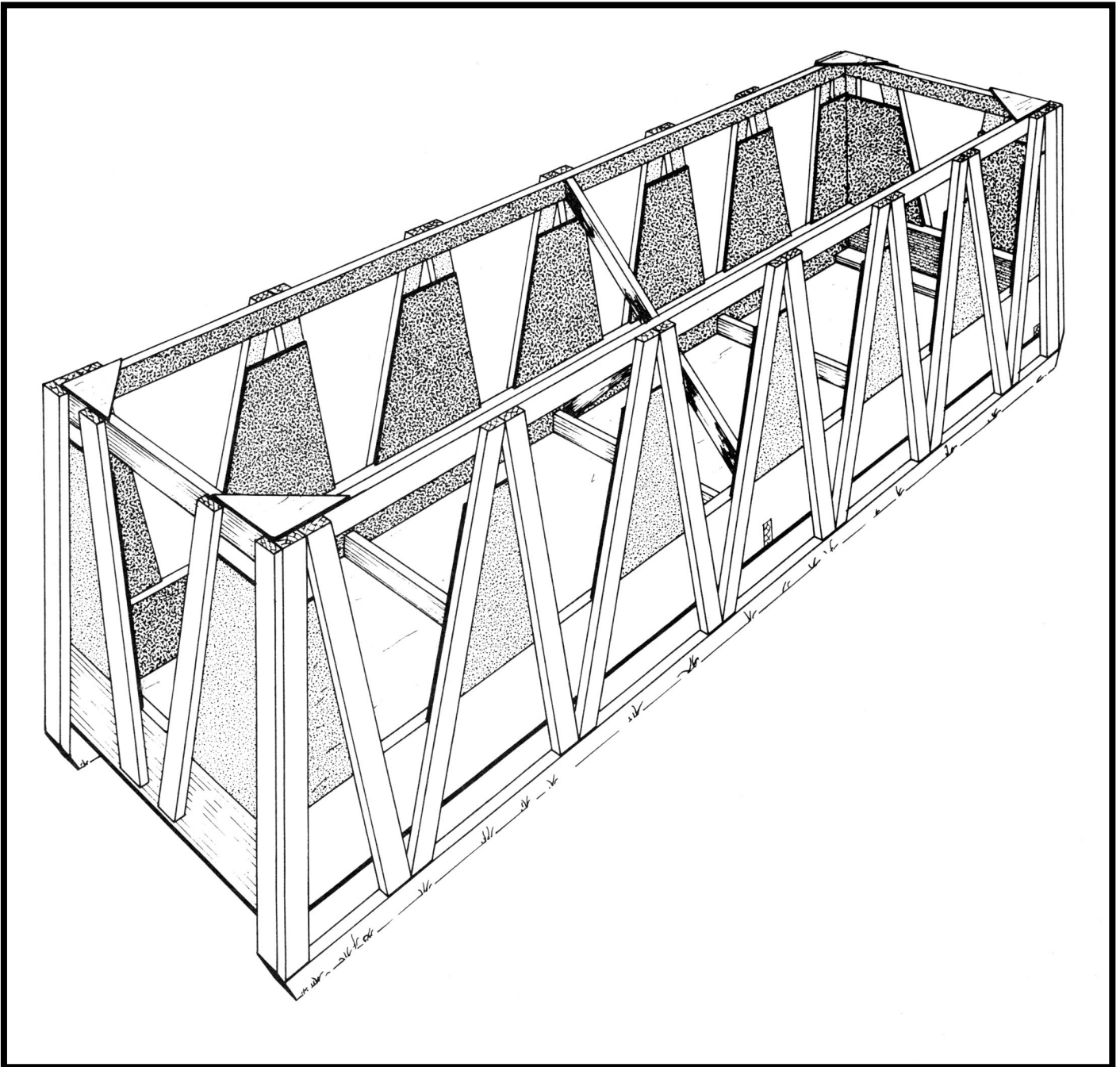


## V – SIDED HAY FEEDER



DEVELOPED BY CANADA PLAN SERVICE

# 314-08

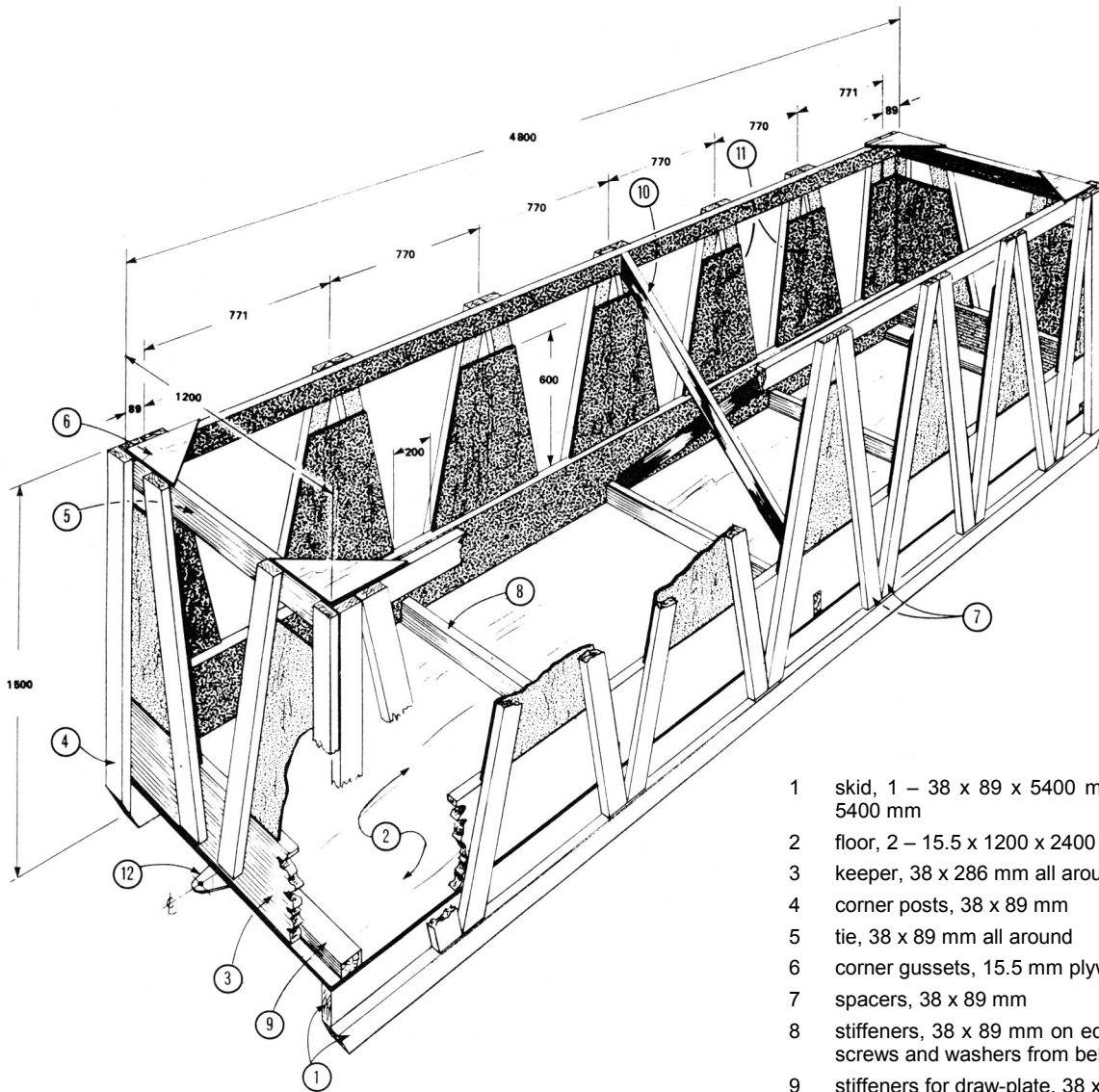
## V-SIDED HAY FEEDER

CPS  
PLAN M-1648 (Was 1382) NEW 80:7

This v-sided hay feeder is designed for feedlot or field, to feed loose hay or broken bales with the twine removed. It can also be used for feeding silage or chopped hay. The v-shaped feeding openings help prevent the cattle from wasting feed, as cattle must lift their heads to get them in or out of the openings. Cattle of all sizes can use the feeder, although small calves can get inside. To control wastage, fill the feeder just

enough to make cattle reach into the openings to eat; hay piled to the top against the openings permits cattle to nibble and spill without actually putting their heads inside.

Build the feeder from stock lengths of sawn lumber and 3.75 sheets of 15.5 mm exterior sheathing plywood. Cattle are hard on feeding equipment; nail all connections securely with spiral nails, clinched wherever they come through. Since the plywood floor is suspended below the crosspieces, fasten it with lag screws and oversized washers to handle the force of bales dropped in from the top. Finally, bolt a steel draw plate onto one or both ends so that the feeder can be occasionally skidded with a tractor to a new clean site.



- 1 skid, 1 – 38 x 89 x 5400 mm and 1 – 38 x 184 x 5400 mm
- 2 floor, 2 – 15.5 x 1200 x 2400 mm plywood
- 3 keeper, 38 x 286 mm all around or 2 – 38 x 140 mm
- 4 corner posts, 38 x 89 mm
- 5 tie, 38 x 89 mm all around
- 6 corner gussets, 15.5 mm plywood
- 7 spacers, 38 x 89 mm
- 8 stiffeners, 38 x 89 mm on edge @ 1299 mm oc, lag screws and washers from below (2) @ 200 mm oc
- 9 stiffeners for draw-plate, 38 x 89 mm on flat
- 10 diagonal braces, 38 x 89 mm
- 11 fillers, 15.5 mm plywood, 1.75 sheets required @ 1200 x 2400 mm
- 12 draw plate 150 x 300 mm x 3/8" thick, bolted to end keeper and draw bar (9) thru (2)