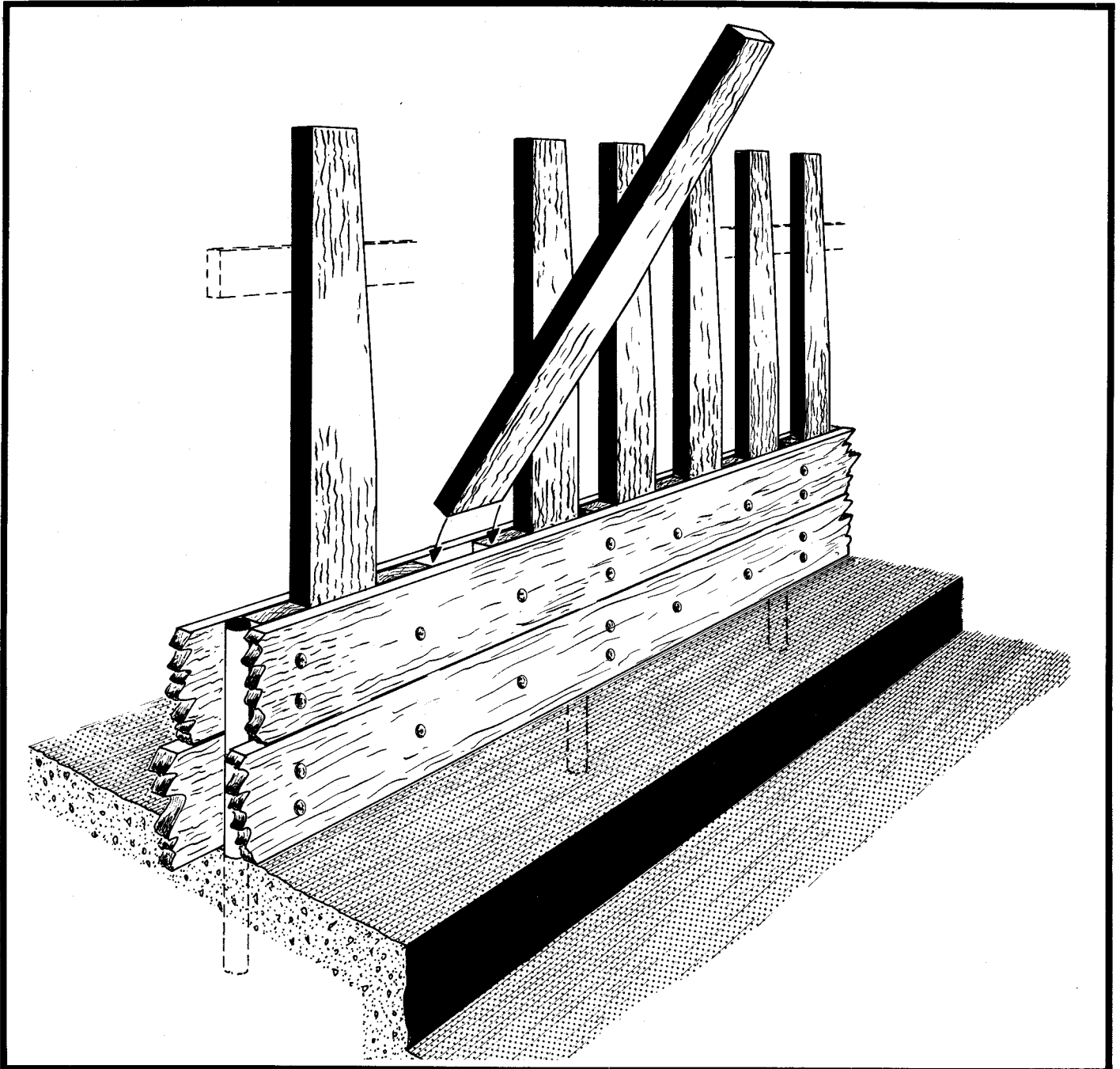


PLAN  
M-2658

## TOMBSTONE FEED FENCE FOR YOUNG AND ADULT CATTLE



The Canada Plan Service prepares detailed plans showing how to construct modern farm buildings, livestock housing systems, storages and equipment for Canadian Agriculture.

This leaflet gives the details for a farm building component or piece of farmstead equipment. To obtain another copy of this leaflet, contact your local provincial agricultural engineer or extension advisor.

## TOMBSTONE FEED FENCE FOR YOUNG AND ADULT CATTLE

PLAN M- 2658 REVISED: 82:11

Cattle can waste a lot of baled or long hay, especially with self-feeding where the hay is always available. The tombstone feed fence detailed on this leaflet minimizes waste by giving the cattle a natural head-down posture for comfortable feeding. The tapered plank uprights force the cattle to lift their heads up before backing out, making it difficult to pull feed through the fence. An optional headrail to keep young calves from jumping through the openings can be added, if necessary. The height of this headrail should be adjusted to suit the size of calves to be confined.

Thicker rough sawn lumber will make stronger uprights, but the spacers must be made extra thick (or shimmed) to provide at least 6 mm play in both directions so uprights can be removed. This is a good idea for access to the pen, or for replacement of uprights. Remove a portion of the upper rail, if used, where you want regular access to the pen.

Width of openings between uprights varies, but 175 mm appears to suit all ages of cattle.

Use the tombstone feed fence as a divider between a cattle feeding pen and the feed passage. The feeding passage floor acts as a feed manger; it should be raised a little above the level of the pen floor as shown. The step in the floor at the 'cattle' side of this feeder helps keep manure away from the feed.

The feed fence is supported by short pipes set into concrete.

- 1 pen side
- 2 feed side
- 3 38 x 184 removable uprights, select best material for extra strength; if rough sawn is used, add shims between 4 and 5 to provide 6 mm play for removal
- 4 2 - 38 x 184 mm planking both sides of uprights, drill for M10 carriage bolts
- 5 planking spacers, thickness and width to give 6 mm play in both directions for 3 to be removable
- 6 optional 38 x 89 mm rail for young cattle only
- 7 M10 carriage bolts, length to suit, beside each pipe and for all spacers, counter-bore for nuts and washers to be recessed flush at feed side of planking
- 8 1 1/2" gale. steel pipe, 200 mm in concrete, spaced at 1080 mm (one every three uprights)
- 9 dimension of step on cattle side varies (350 x 150 mm suggested)

