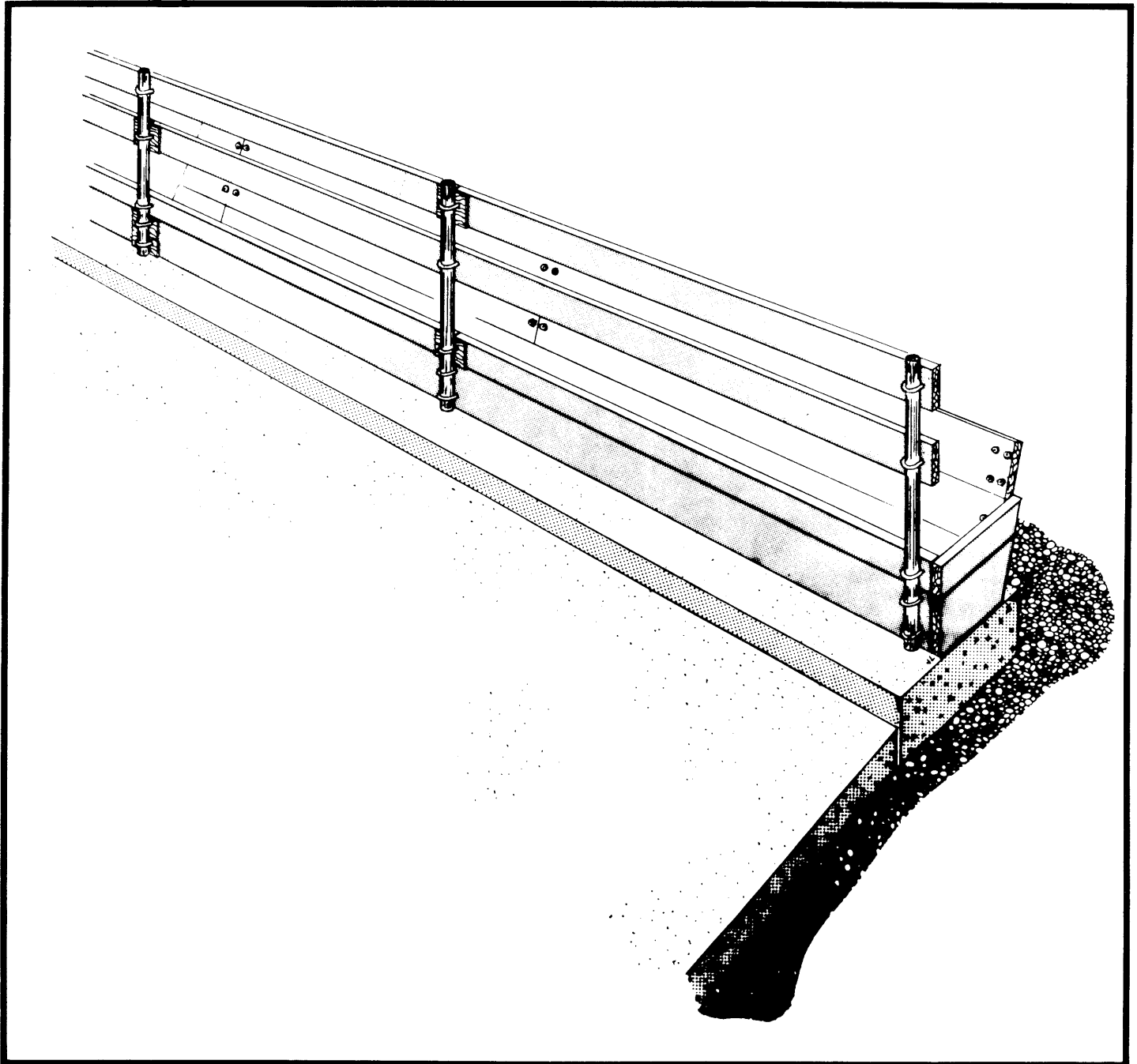


SHEEP FENCELINE FEEDER , STEEL POSTS



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.

SHEEP FENCELINE FEEDER, STEEL POSTS

PLAN 4616 NEW 7:75

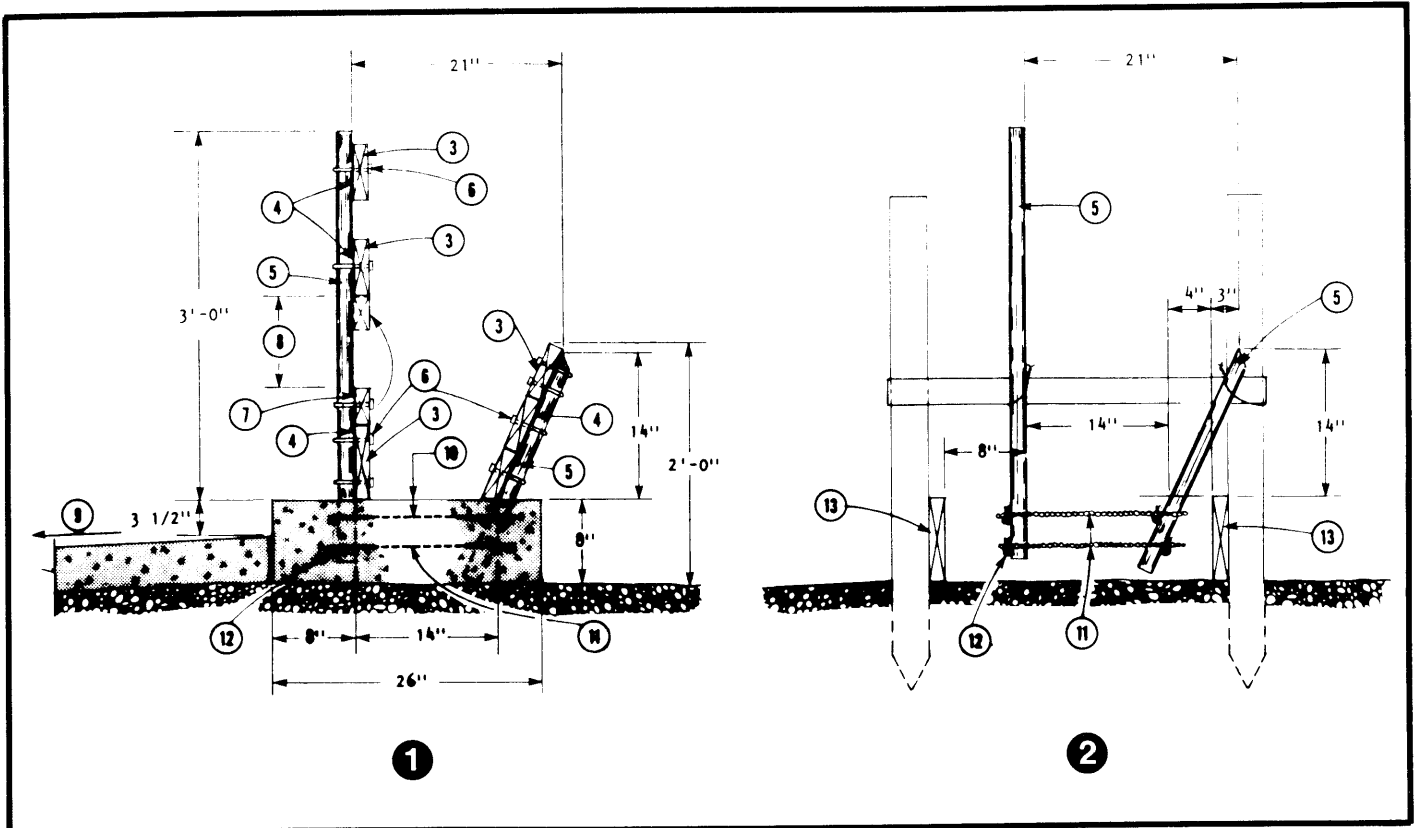
The back of this leaflet gives details for a combination feedlot perimeter fence and feed bunk. This is designed for feeding concentrates and chopped roughages from a self-unloading forage wagon, mixer truck or mobile feed mill.

This feed bunk is framed with galvanized pipe posts set into a raised concrete base. For accurate positioning of the posts in concrete, make a welding jig and preassemble the posts in pairs by welding them to short steel rebars. Then support the posts

between the concrete forms, wire the longitudinal rebars, and pour the concrete base.

For the feed fence and sloping bunk front, use either dressed 2-inch planking or rough-sawn full 1-inch boards. Fasten the boards to the pipe posts with galvanized U-bolts. To adjust for small or large sheep, slacken the U-bolts and slide the feed fence boards up or down.

An 8 x 3-inch concrete step and a sloping strip of pavement along the feed bunk gives firm dry footing for the sheep. Make the paving at least as wide as the tractor used for feedlot scraping and cleaning.



1. cross section
2. cross section showing method of forming for concrete
3. 2" x 6" x 16', joints at alternate posts, see
4. 3/8" plywood back-up plate at butt joints of bunk rails
5. 1 1/2" dia. galv. pipe, 3 1/2' long animal side, 2' long wagon side; space 8'-0" o.c. with end posts 3" from end of bunk
6. 5/16" U-bolts (cut flush after tightening nuts)
7. add 2" x 4" for ewes and rams, relocate to upper position to maintain 8" min. opening for lambs
8. 8', or adjust to suit
9. min. slope 1/2"/ft., at least as wide as tractor
10. min. 2" concrete cover to reinforcing
11. #4 rebars, 18" long (shop-weld to pipe posts before installation)
12. #4 rebars (wired to cross reinforcing 11)
13. 2" x 8" form planking