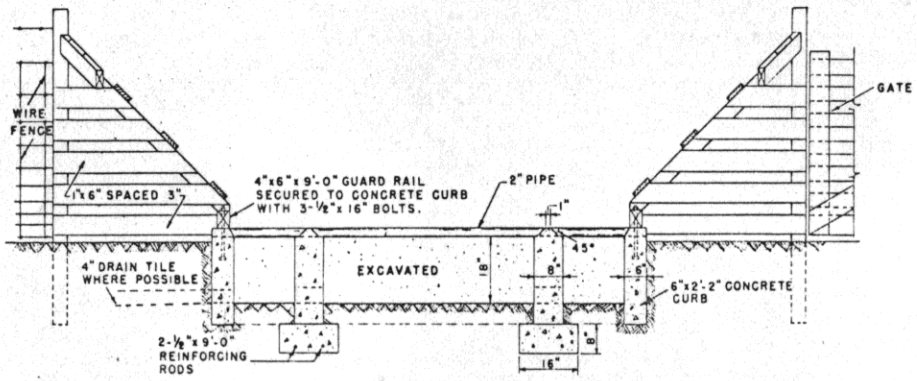
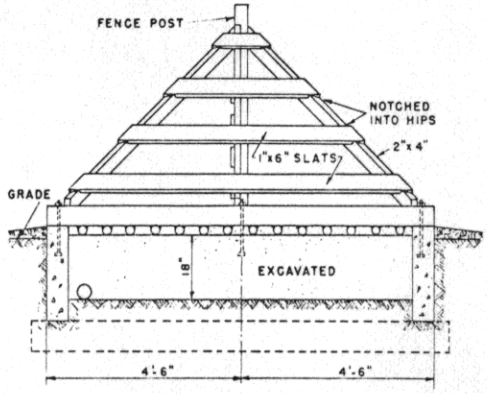
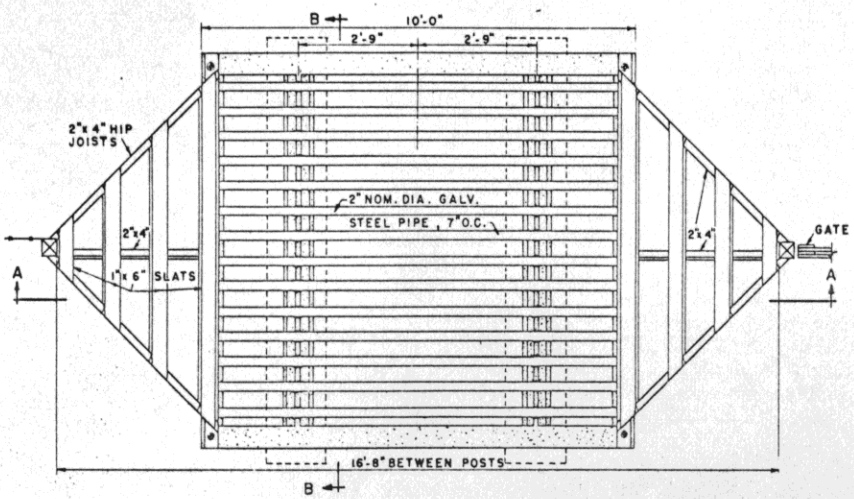


SECTION A-A



SECTION B-B



PLAN

BILL OF MATERIALS

LUMBER
- FRAMING: .....1- PCS. 2"x 4"x 12'-0"
  - 2- " 2"x 4"x 14'-0"
- SLATS: .....6- " 1"x 6"x 12'-0"
- GUARD RAILS: ..2- " 4"x 6"x 9'-0"

CONCRETE: 2¾ CU. YDS. (1:3:5 MIXTURE)
- CEMENT: ..... 13 SACKS
- SAND: ..... 1.4 CU. YDS.
- AGGREGATE: .... 2.35 CU. YDS.

MISCELLANEOUS
- PIPES: .....14- PCS. 2" NOM. DIA. EXTRA STRONG GALV. STEEL PIPE OR RAILS, 10'-0" LONG
- ANCHOR BOLTS: 6-½" ϕ x 16"
- REINF. RODS: .. 4-½" ϕ x 9'-0"

NOTE: A WIDE GATE ADJACENT TO GUARD IS SUGGESTED FOR PASSAGE OF EXTRA WIDE EQUIPMENT AND LIVESTOCK.

ALL WOOD TO BE TREATED WITH PRESERVATIVE.

SCALE: 0 1 2 3FT.

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CATTLE GUARD
CONCRETE AND STEEL

USDA '52	EX. 5752	SHEET 1 OF 1