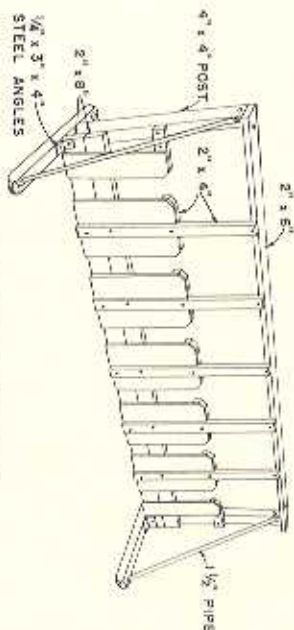
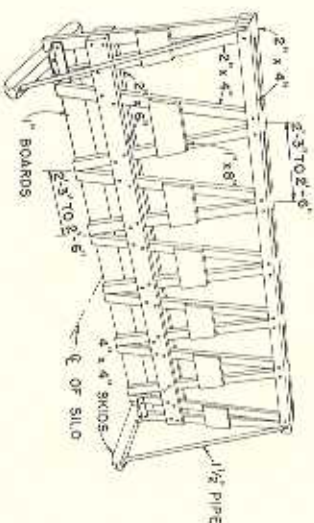


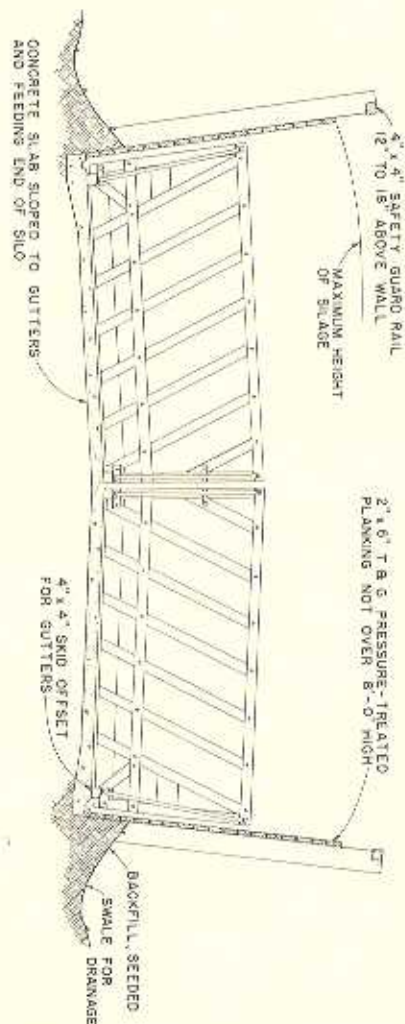
SLANTED OPENINGS



T-SHAPED OPENINGS



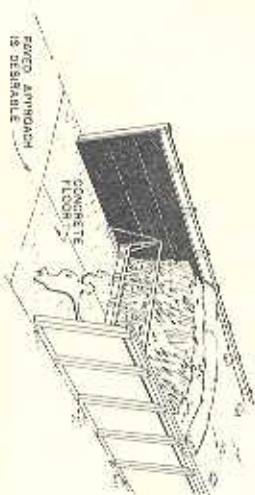
V-SHAPED OPENINGS



SECTION THROUGH TYPICAL SILO

GENERAL NOTES

- A. THE FENCES SHOWN ON THIS PLAN MAY BE ADAPTED FOR USE IN SILOS OF ANY WIDTH AND MAY BE MOUNTED ON SKIDS SUPPORTED BY WHEELS OR SUSPENDED TO WALLS OF SILO AS SHOWN ON SM. 2 WHEN MOUNTED ON SKIDS, THEY MAY BE BUILT IN ONE OR TWO SECTIONS, BUT A SINGLE SECTION SHOULD NOT EXCEED 16 FEET IN LENGTH. THE PLATFORM TYPE SHOWN ON SM. 2 PROVIDES GREATER STABILITY AND PREVENTS THE CATTLE FROM PUSHING THE FENCE.
- B. THE SHAPE OF THE FENCE SHOULD CONFORM TO THE SHAPE OF THE SILO, WITH CLEARANCE OF ABOUT 3" FROM WALL, 1" FROM THE FLOOR AND 8" BETWEEN SECTIONS.
- C. ON SUSPENDED FENCES STOPS SHOULD BE PROVIDED TO PREVENT THE CATTLE FROM PUSHING THE FENCE.
- D. THE 1" x 12" MANGER BOARD SET AT AN ANGLE OF ABOUT 45° ON THE SILAGE SIDE REDUCES THE WASTE OF FEED AND SHOULD BE USED ON ALL TYPES OF FENCES.
- E. THE WALLS OF SELF-FEEDING SILOS SHOULD NOT BE OVER 8'-0" HIGH.
- F. IF THE SILO HAS SEEPAGE GUTTERS ALONG THE WALLS, THE SKIDS SHOULD BE SET IN FROM THE END OF THE FENCE TO CLEAR THEM AS SHOWN. BOTTOM OF FENCE SHOULD CONFORM TO THE SHAPE OF THE SILO FLOOR.
- G. FOR GREATER DURABILITY, ALL PARTS SHOULD BE TREATED WITH A WOOD PRESERVATIVE WHICH IS NOT TOXIC TO CATTLE.
- H. ALL FENCES ARE 8'-0" HIGH, ADJUST HEIGHT TO BOTTOM OF OPENINGS TO SUIT SIZE OF CATTLE TO BE FED.
- I. USE WASHERS UNDER ALL MACHINE BOLTS AND LAG SCREWS BEARING ON WOOD.



VIEW OF SELF-FEEDING BUNKER SILO

SELF-FEEDING FENCES

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
DEPARTMENT OF AGRICULTURAL ENGINEERING
UNIVERSITY OF MARYLAND
UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENTAL STATIONS
FOR BUNKER OR TRENCH SILO

USDA '59 EX 5872 SHEET 1 OF 2