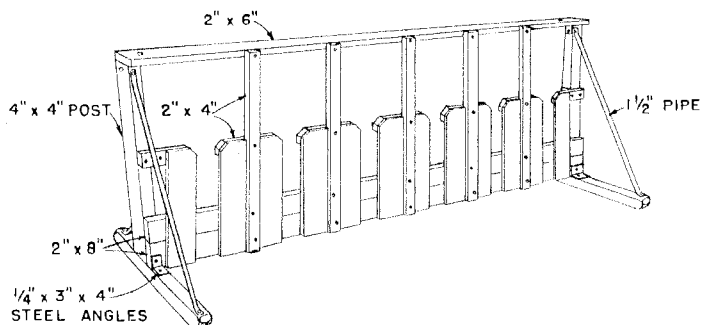
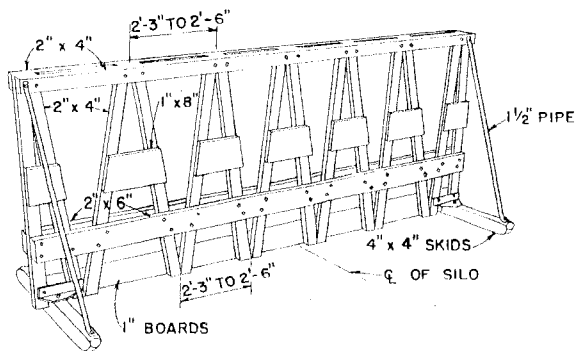


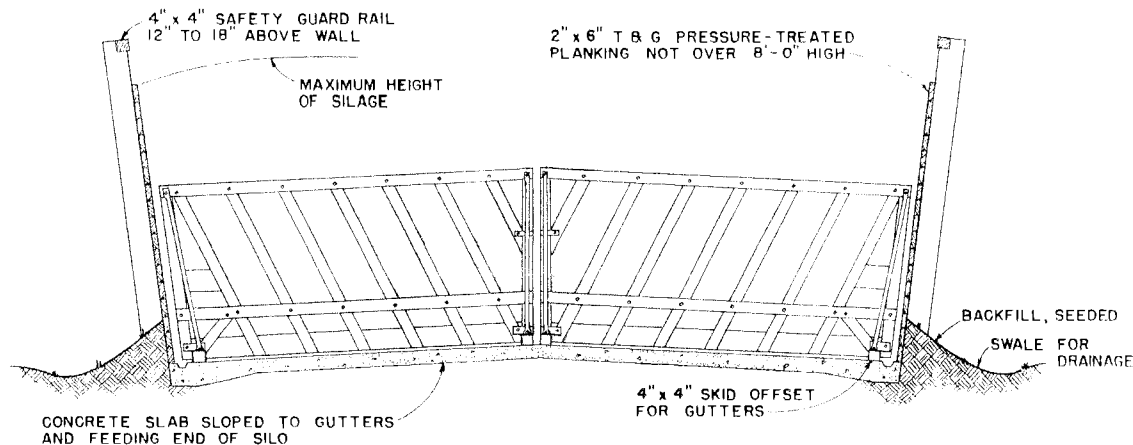
SLANTED OPENINGS



T-SHAPED OPENINGS



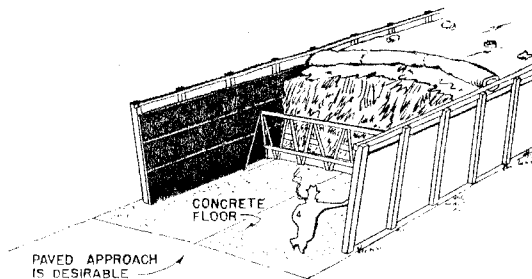
V-SHAPED OPENINGS



SECTION THROUGH TYPICAL SILO

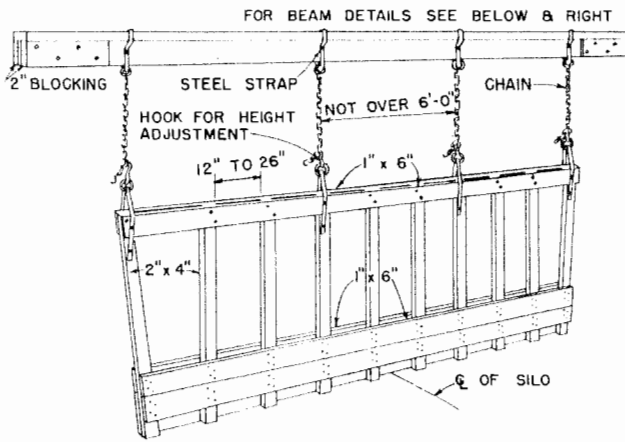
GENERAL NOTES

- A... THE FENCES SHOWN ON THIS PLAN MAY BE ADAPTED FOR USE IN SILOS OF ANY WIDTH AND MAY BE MOUNTED ON SKIDS, SUSPENDED FROM A BEAM, OR SUSPENDED AND SUPPORTED BY WHEELS RIDING ON 4" x 4" FASTENED TO WALLS OF SILO AS SHOWN ON SH. 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 SH. 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 6" 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 5'-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.

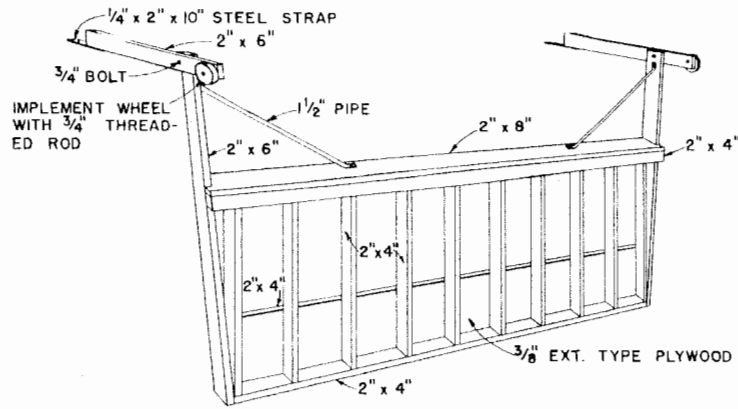


VIEW OF SELF-FEEDING BUNKER SILO

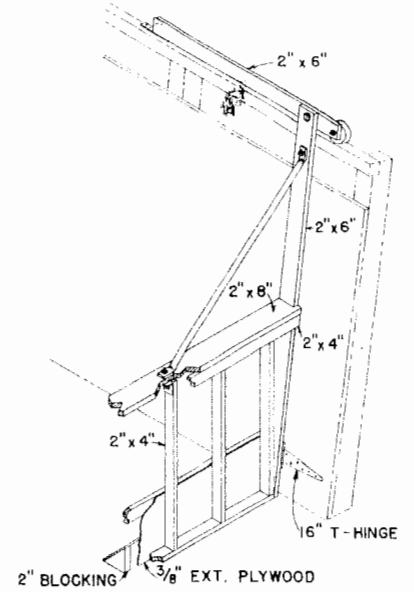
<b>SELF-FEEDING FENCES</b> FOR BUNKER OR TRENCH SILO		
USDA '59	EX. 5872	SHEET 1 OF 2



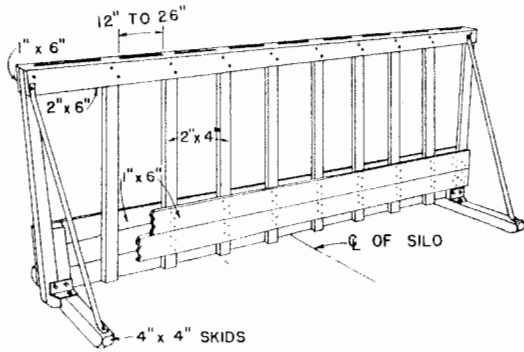
SUSPENDED (CHAIN)



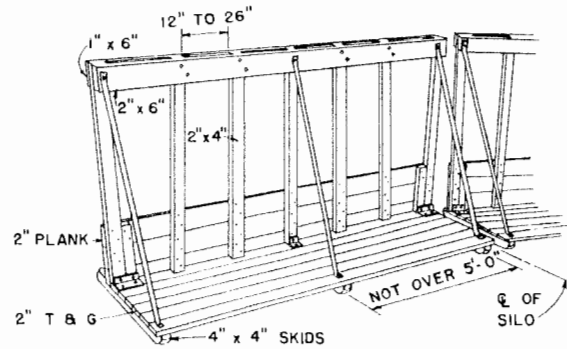
SUSPENDED (WHEELS)



SUSPENDED FENCE DETAIL

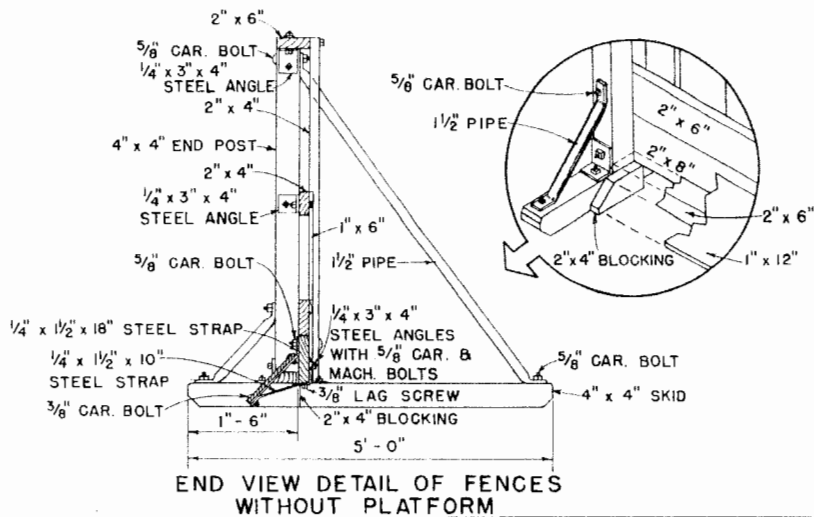


SKID MOUNTED

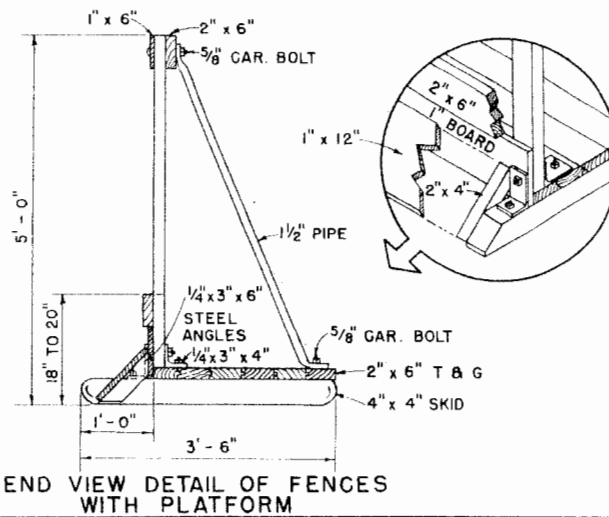


SKID MOUNTED WITH PLATFORM

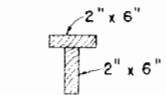
FENCES WITH RECTANGULAR OPENINGS  
SEE SHEET 1 FOR OTHER TYPES



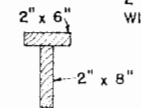
END VIEW DETAIL OF FENCES WITHOUT PLATFORM



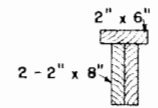
END VIEW DETAIL OF FENCES WITH PLATFORM



14 FT. SILO



18 FT. SILO



25 FT. SILO

ON 14 & 18 FT SILOS NAIL 2" x 6" CAP TO WEB MEMBER WITH 20d NAILS 16" O.C.

ON 25 FT. SILO NAIL DOUBLE 2" x 8" WEB TOGETHER WITH 10d NAILS 16" O.C. STAGGERED FASTEN CAP SAME AS ABOVE.

BEAM DETAILS



SELF-FEEDING FENCES  
FOR BUNKER OR TRENCH SILO

USDA '59 EX. 5872 SHEET 2 OF 2

## Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.