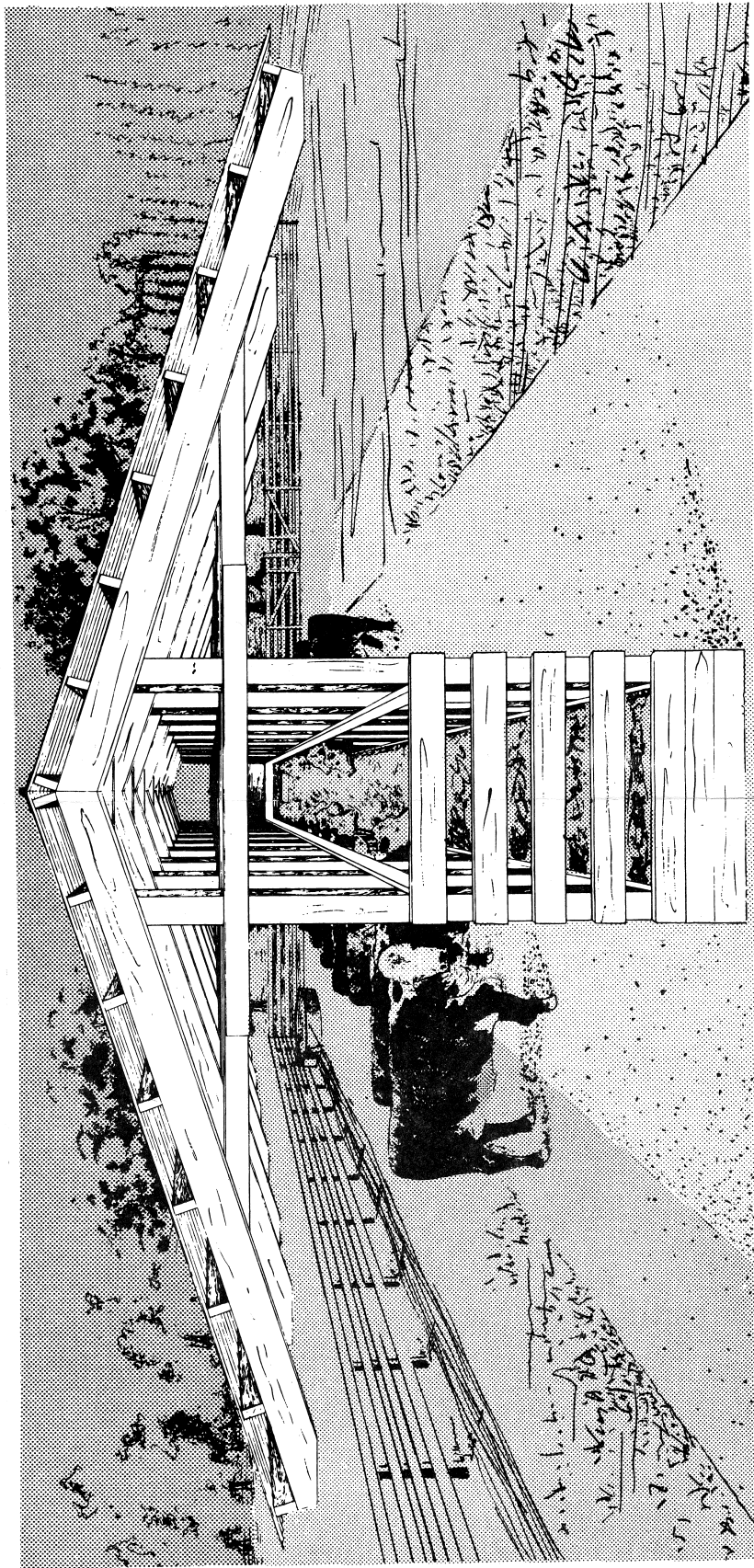


# COVERED FEEDER

## FOR CATTLE



This cattle feeder is a pole-type structure. Square, pressure-treated posts are set in the ground on each side of the 4-foot-wide feed bunk. Cattle feed from both sides of the bunk, which may be filled by conveyor or carrier.

The gable roof spans 27 feet. Length of the building may be varied in units of 7 feet 6 inches.

This feeder is suitable for areas where the snow load does not exceed 20 pounds per square foot or the wind does not exceed 76 miles per hour.

COVERED FEEDER FOR CATTLE			
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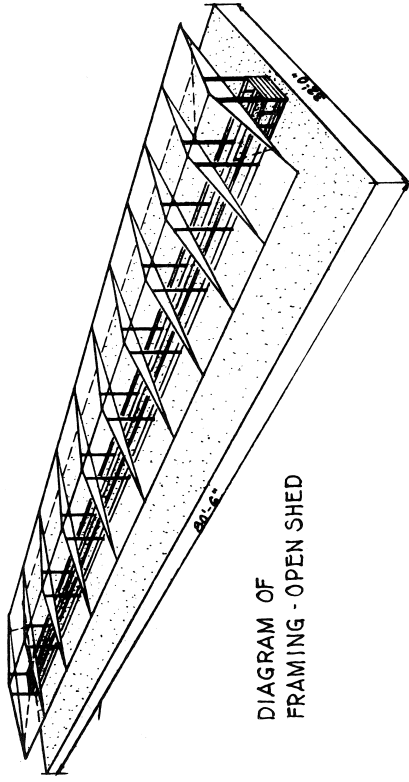
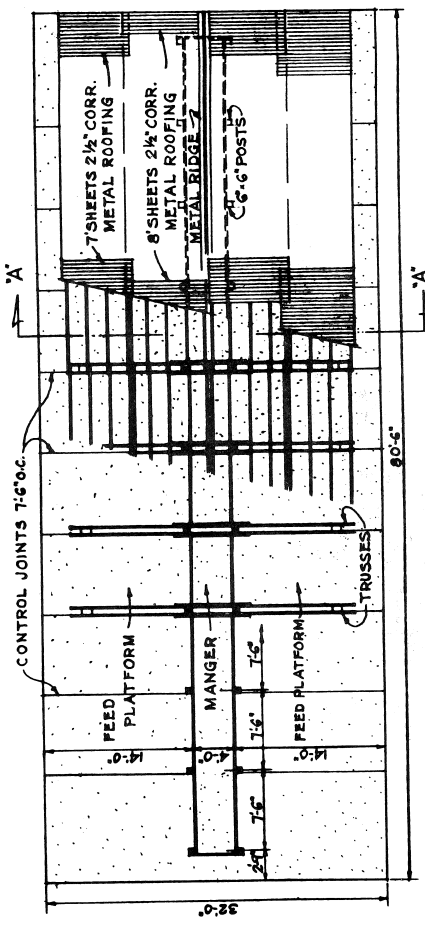


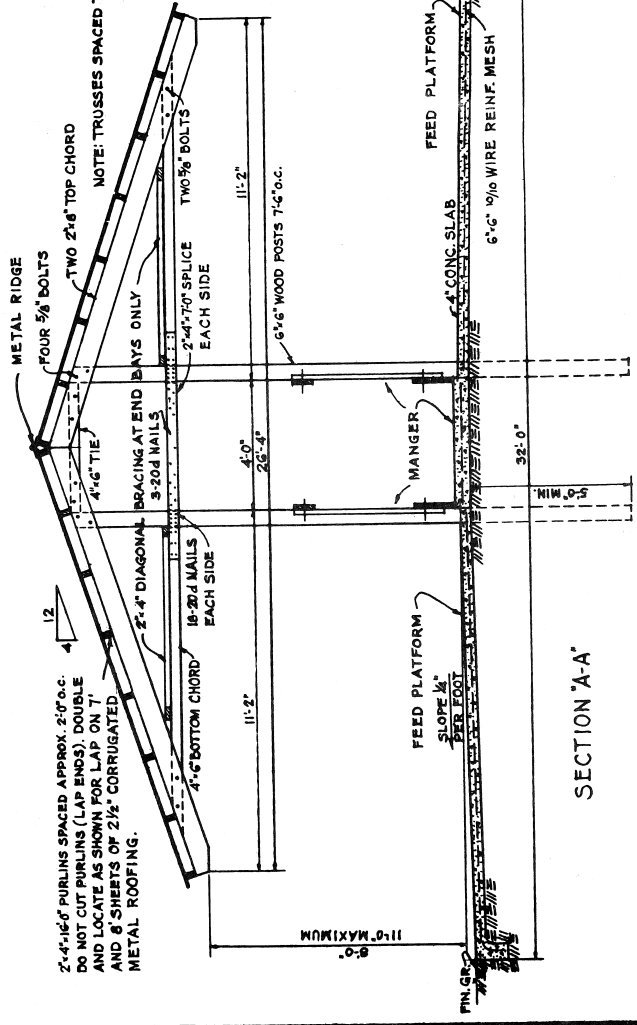
DIAGRAM OF FRAMING - OPEN SHED



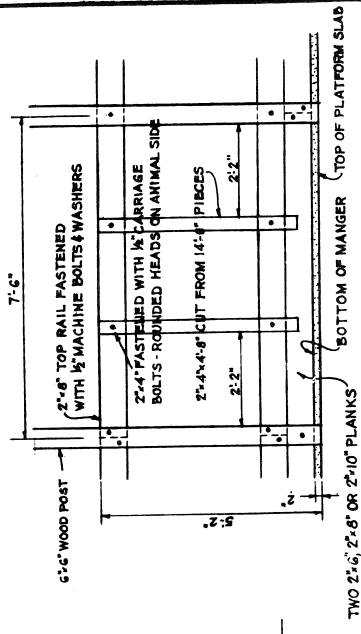
PLAN

2" x 4" x 1/2" PURLINS SPACED APPROX. 2'-0" o.c. DO NOT CUT PURLINS (LAP ENDS). DOUBLE AND LOCATE AS SHOWN FOR LAP ON 7" AND 8" SHEETS OF 2 1/2" CORRUGATED METAL ROOFING.

NOTE: TRUSSES SPACED 7'-6" o.c.



SECTION 'A-A'



FRONT ELEVATION OF MANGER

NOTES:  
FOR LONGEST SERVICE ALL WOOD POSTS AND SIDES OF MANGER (PLANKS) SHOULD BE PRESSURE-TREATED WITH PRESERVATIVE.  
ALL BOLTS SHOWN ARE MACHINE BOLTS WITH WASHERS UNLESS OTHERWISE NOTED.  
LENGTH OF BUILDING MAY BE VARIED IN UNITS OF 7 FEET 6 INCHES. HEIGHT OF BUILDING IS VARIABLE, BUT NOT TO EXCEED A MAXIMUM OF 11 FEET AS INDICATED.

FASTEN PURLINS TO EACH TRUSS WITH TWO 10d TOENAILS AND AT LAPS WITH SIX 10d NAILS.  
THIS STRUCTURE IS PRIMARILY INTENDED FOR USE IN AREAS WHERE THE SNOW LOAD DOES NOT EXCEED 20 LBS. PER SQ. FT. AND WIND DOES NOT EXCEED 76 MILES PER HOUR.  
THIS FEEDER IS INTENDED TO BE FILLED BY AUGER, RECIPROCATING CONVEYOR OR CARRIER.

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## Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans may be outdated and do not necessarily represent the most current technology, construction codes, or agricultural practices. 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 University of Arkansas Cooperative Extension Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.