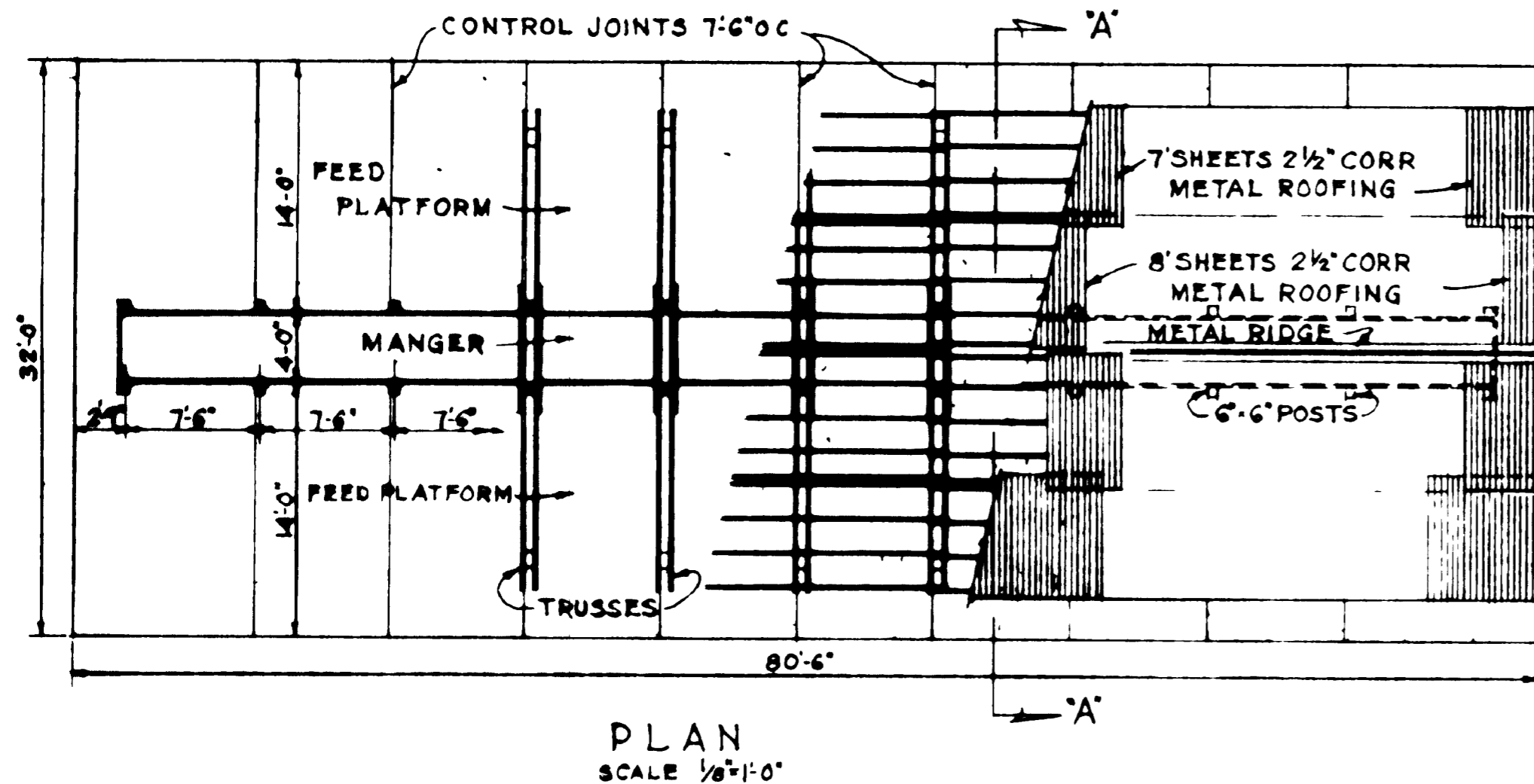


Important: Warranty Disclaimer for Plans

For the convenience of our clientele, this website makes available conceptual plans that can be helpful in planning buildings, facilities, or other structures. They were developed over many years by engineers at Land Grant universities through the former USDA Cooperative Farm Buildings Plan Exchange. *Regardless of the original intent, these are older plans that provide conceptual information only, and are not to be considered or used as construction plans.*

These plans do not claim to represent the most current technology or the most recent construction techniques, standards, or codes. For example, over the years there have been changes in the National Design Specifications for Wood Construction, changes in the strengths and types of building materials, and changes in fasteners, among other things. Those changes, along with variations in climate, building codes, and other factors, make it imperative that professional services be utilized for your specific project. Suggested services include, but are not limited to, structural design, assurance of compliance with codes and regulations, site selection, construction supervision, and provision for utilities, waste management, and access. *These plans do not replace the need for competent design assistance in developing safe, legal, and well-functioning agricultural buildings and systems.*

Neither the University of Kentucky, the Midwest Plan Service, the United States Department of Agriculture, nor any of the cooperating Land Grant universities, warranty these plans. They are for conceptual use only and are not for use as construction plans.



PLAN
SCALE 1/8"=1'-0"

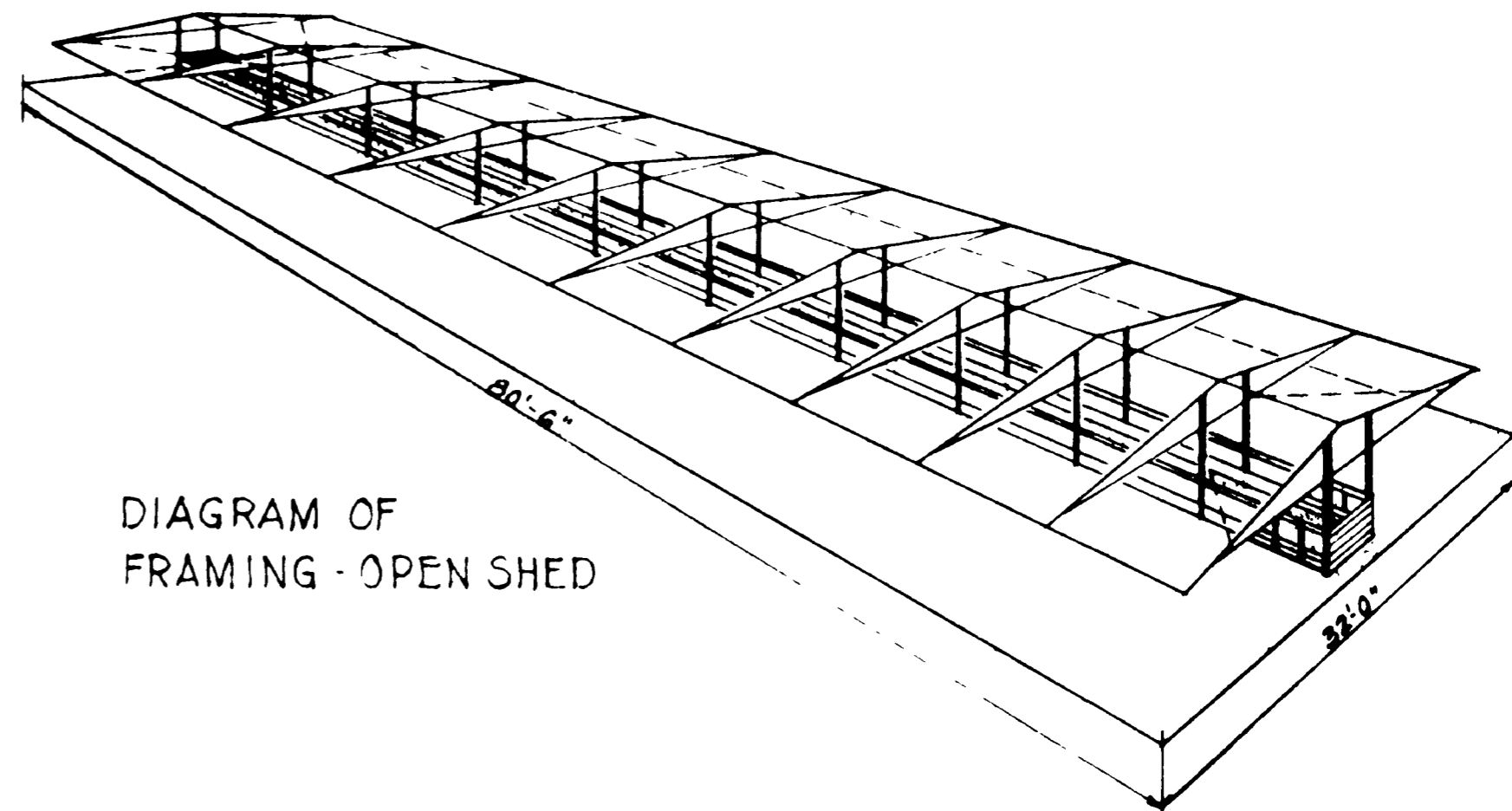
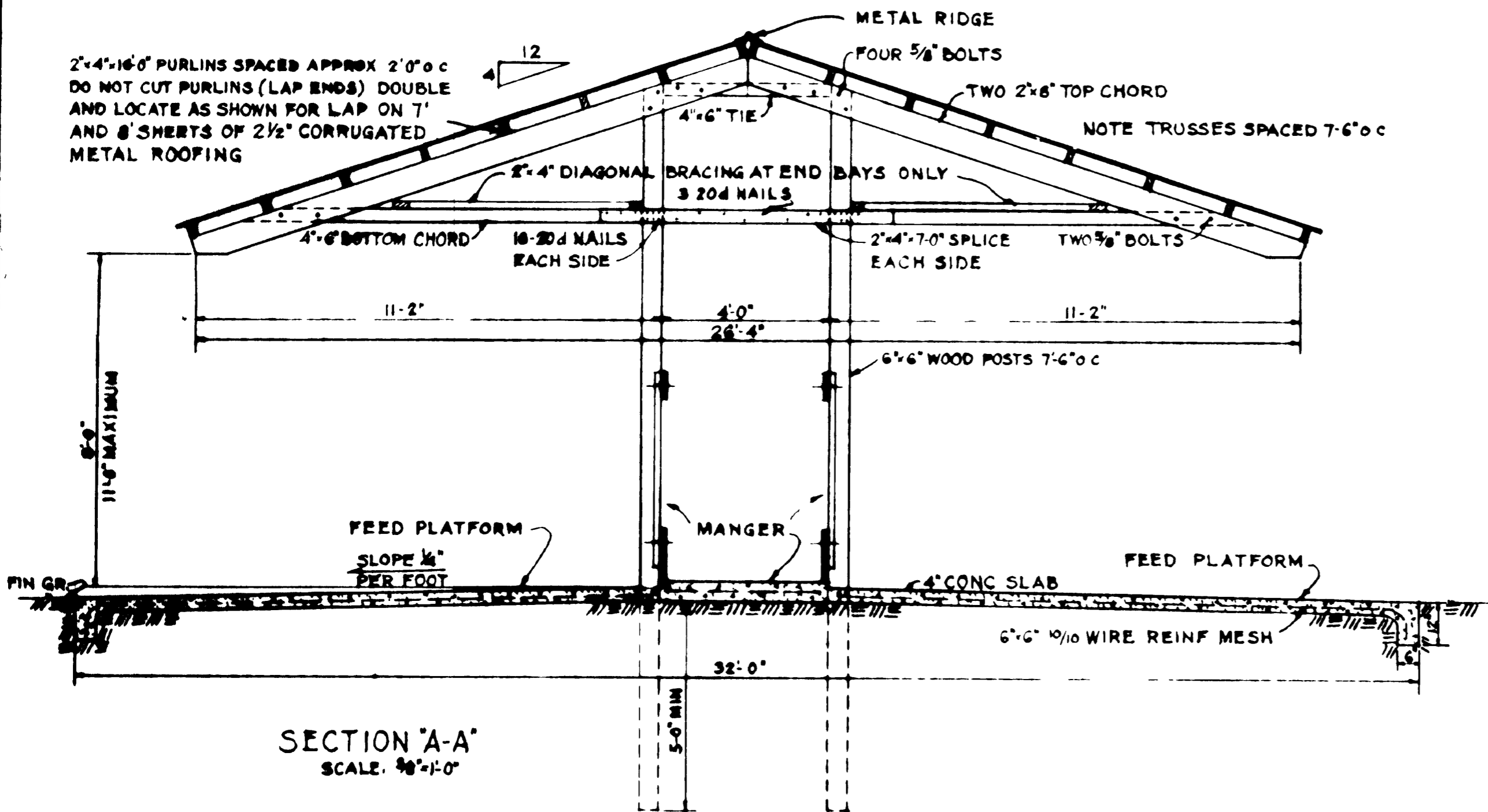
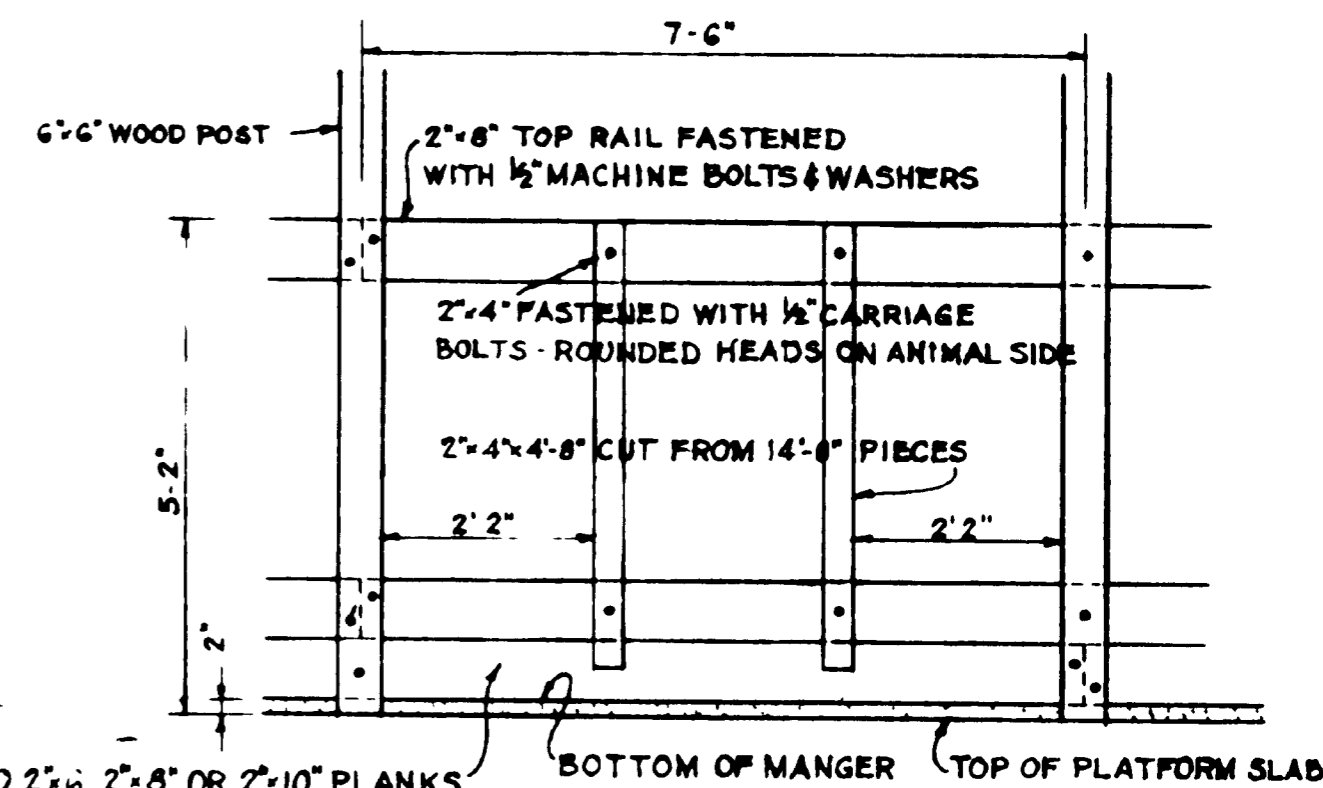


DIAGRAM OF
FRAMING - OPEN SHED



SECTION "A-A"
SCALE 3/8"=1'-0"



FRONT ELEVATION OF MANGER
SCALE 1/2"=1'-0"

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.

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
DEPARTMENT OF AGRICULTURAL ENGINEERING
UNIVERSITY OF KENTUCKY
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

COVERED FEEDER FOR CATTLE
TYPE "B"

USDA '58 EX. 5862 SHEET 1 OF 1

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