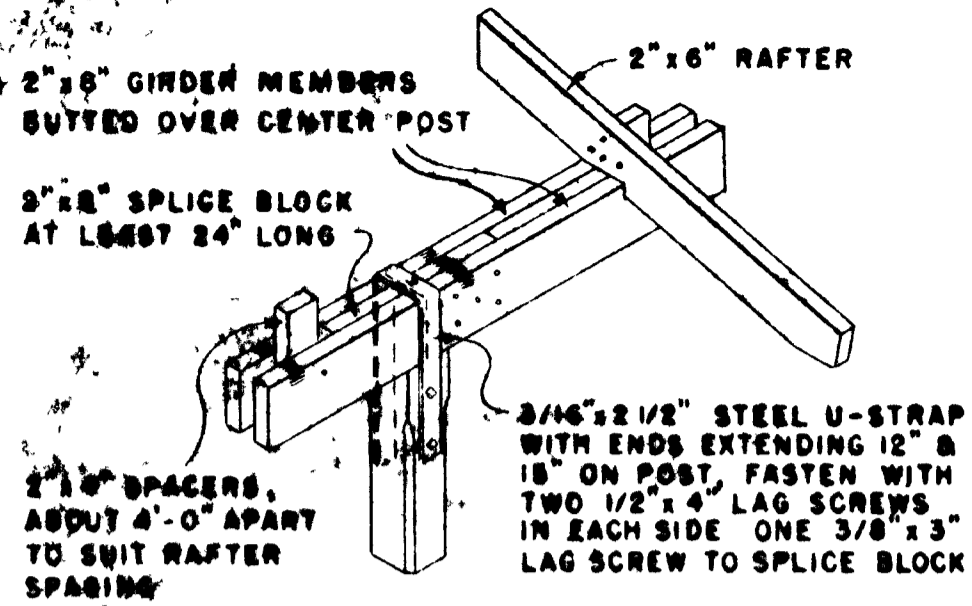


## **Important: Warranty Disclaimer for Plans**

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.*

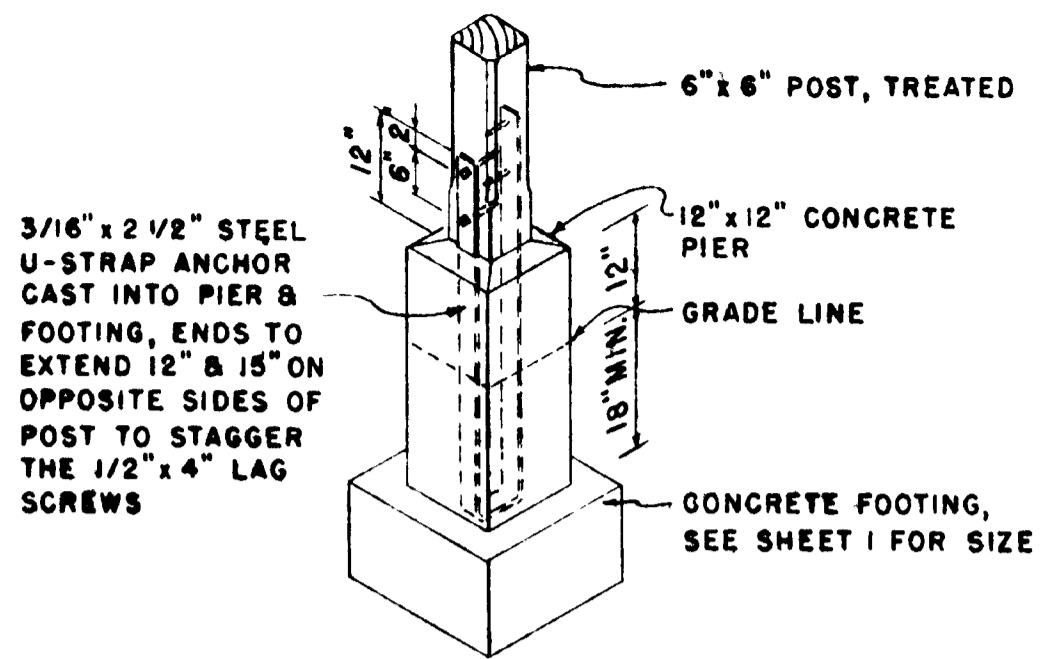
These plans do not claim to represent the most current technology or the most recent construction techniques, standards, or codes. For example, over the years there have been changes in the National Design Specifications for Wood Construction, changes in the strengths and types of building materials, 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.**

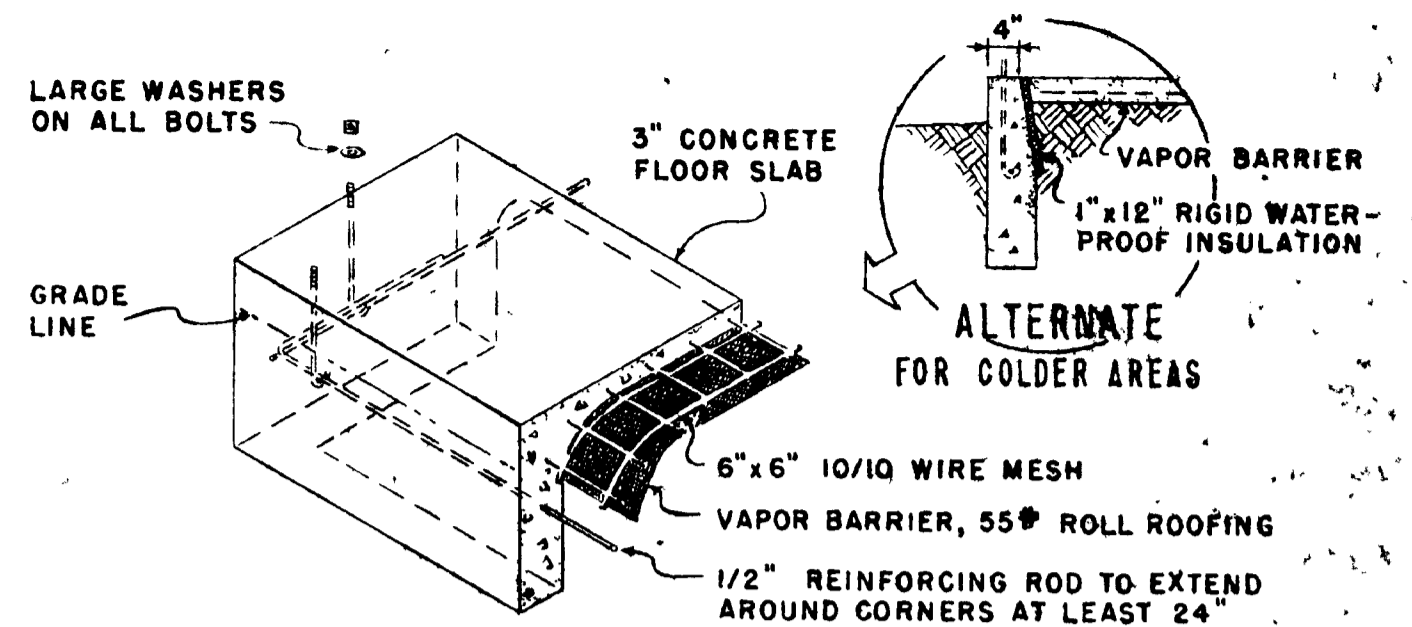


**POST, GIRDER & RAFTER DETAIL**

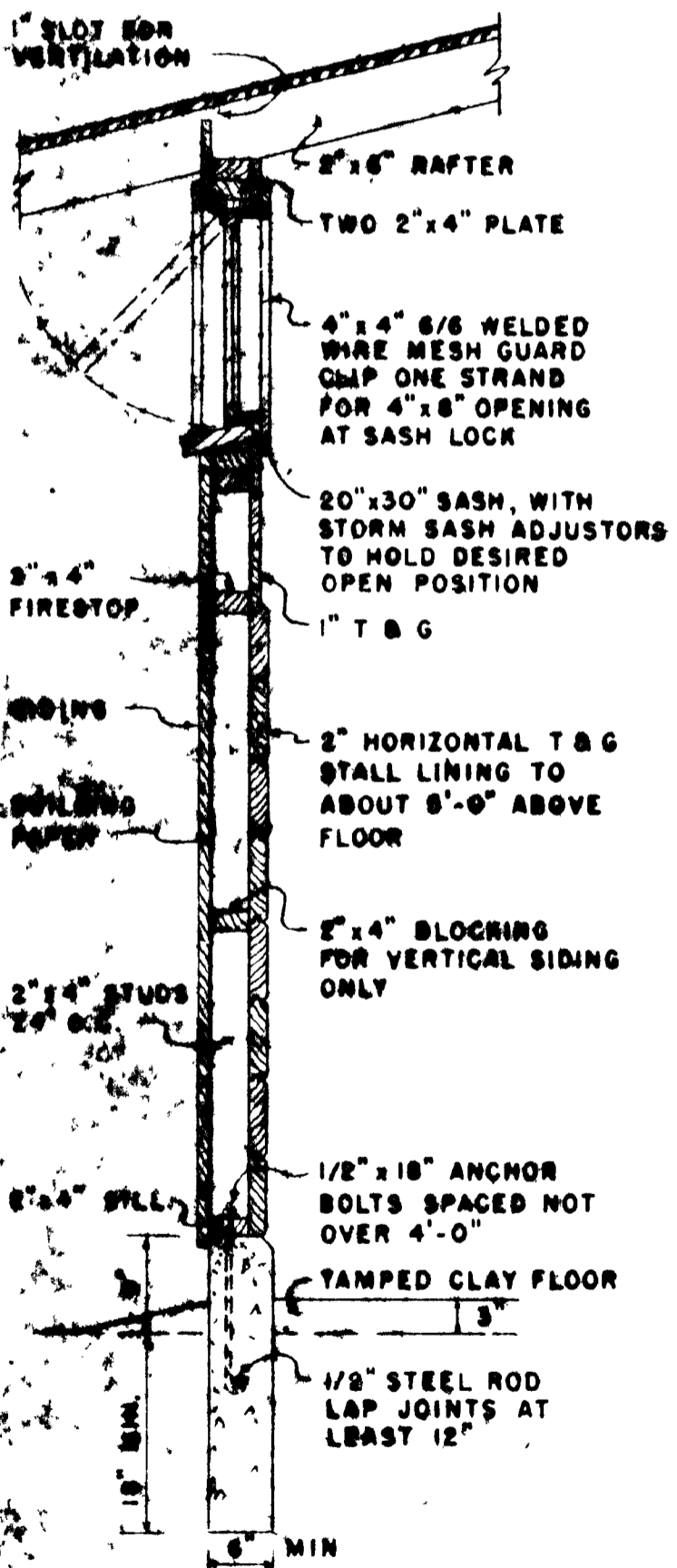
THE THREE PART GIRDER IS SIMILAR EXCEPT THE CENTER MEMBER JOINT SHALL BE 10" TO 30" FROM CENTER POST



**FOOTING, PIER & POST DETAIL**

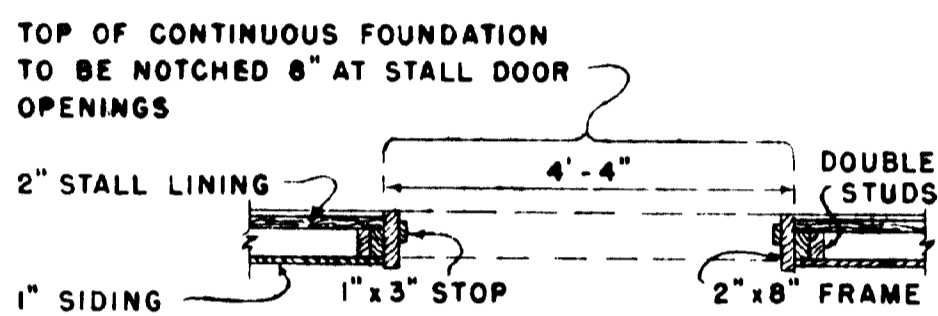


**FOUNDATION & FLOOR DETAIL AT CORNER FOR FEED & TACK ROOMS**

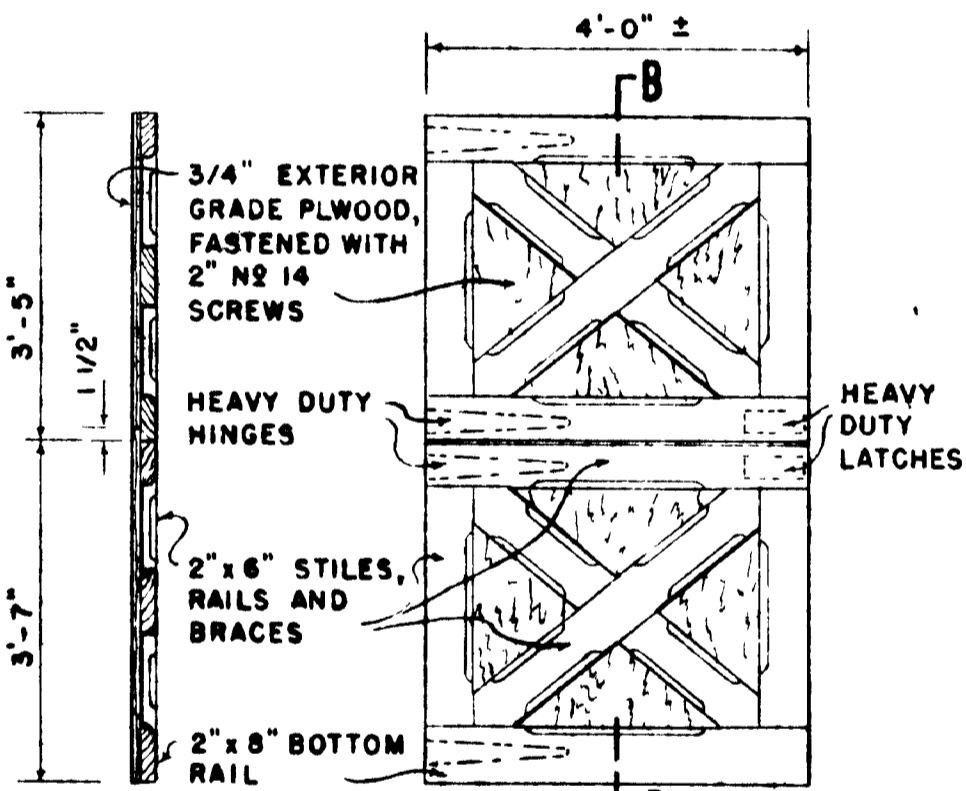


**FOUNDATION WALL & STALL WINDOW DETAIL**

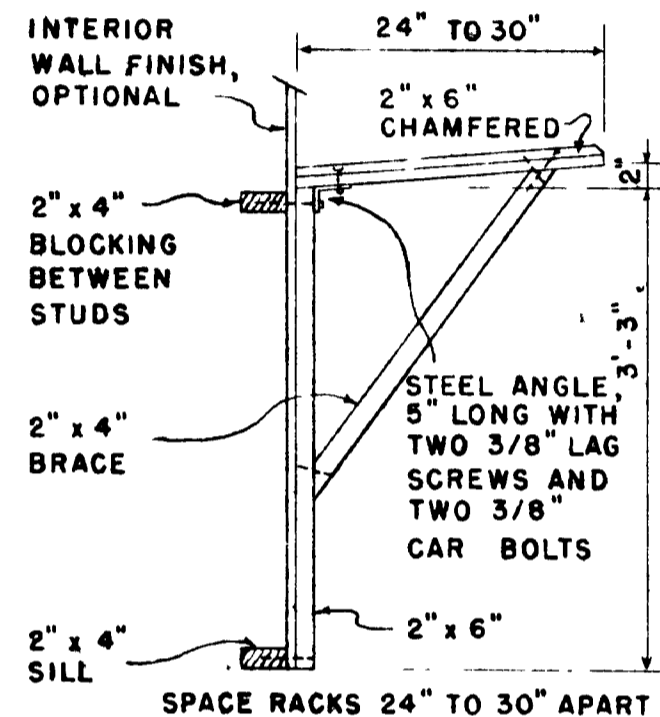
SCALE 3/4"=1'-0"



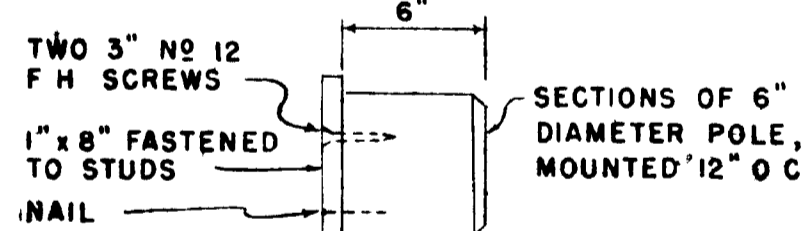
**JAMB DETAIL**



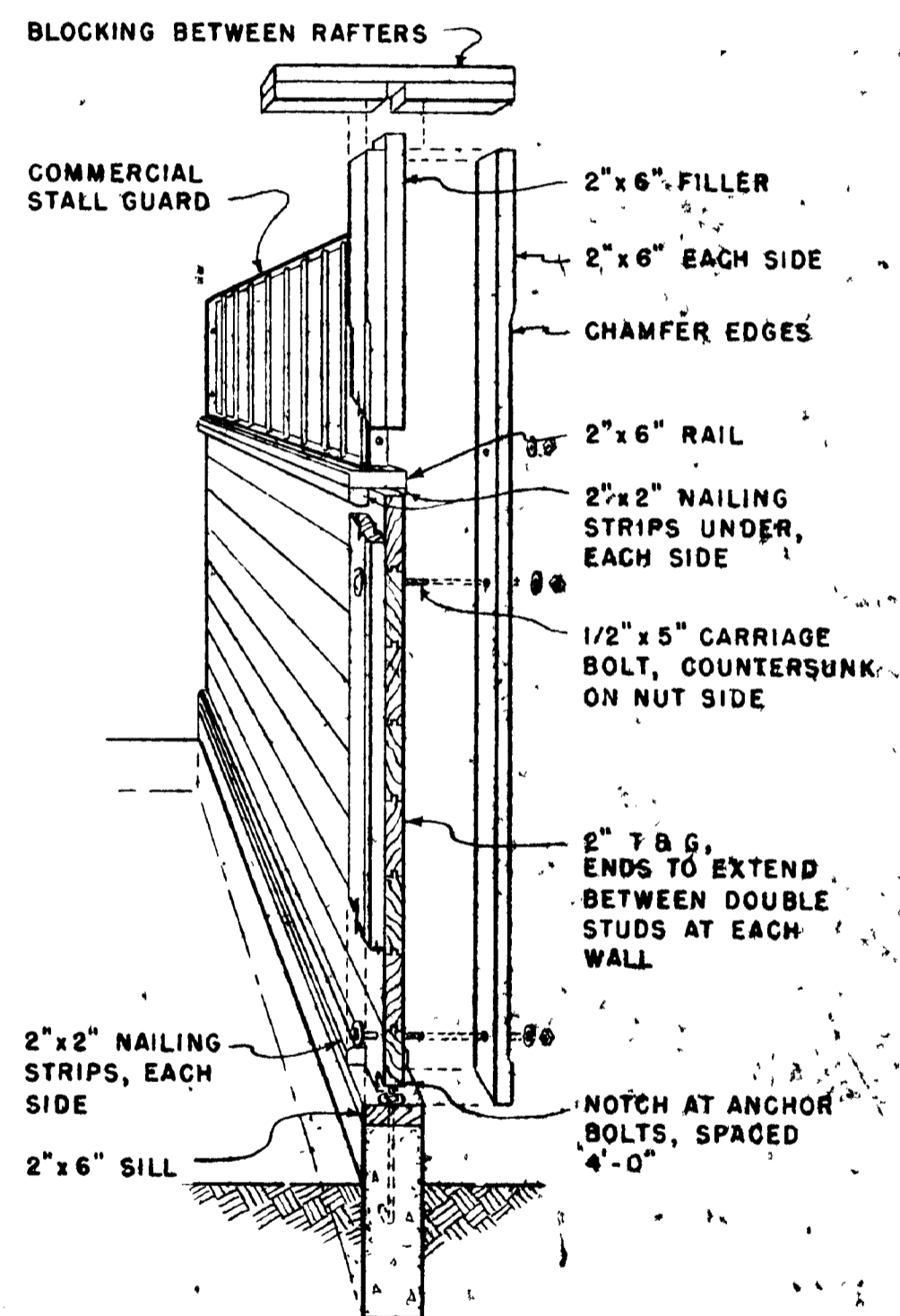
**SECTION B-B ELEVATION STALL DOOR DETAILS SCALE 1/2"=1'-0"**



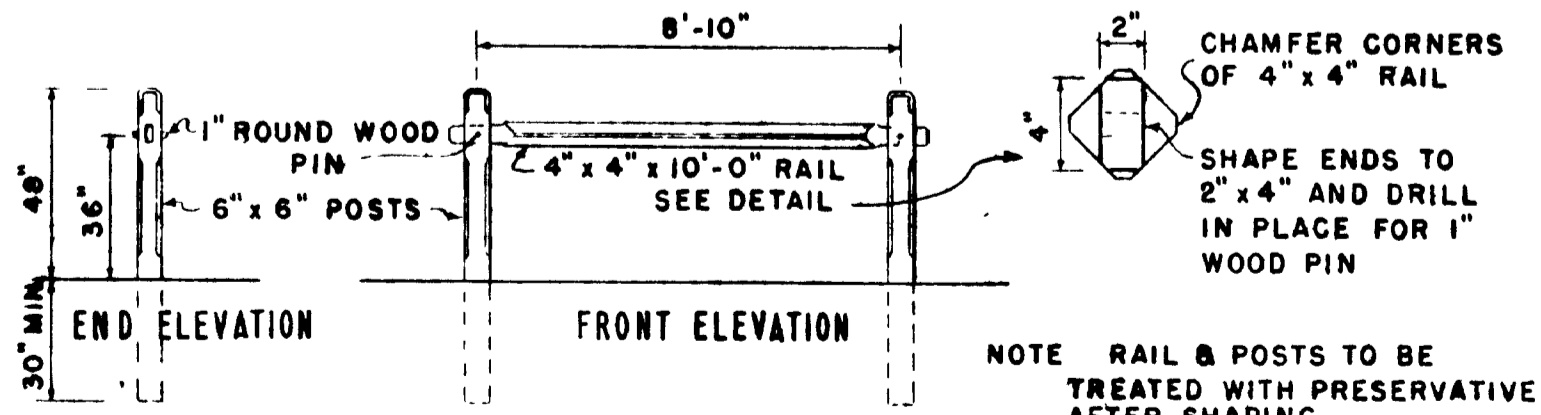
**SADDLE RACK SCALE 3/4"=1'-0"**



**BRIDLE RACK SCALE 1 1/2"=1'-0"**



**CUTAWAY SECTION STALL PARTITION**



**HITCHING RAIL SCALE 1/4"=1'-0"**

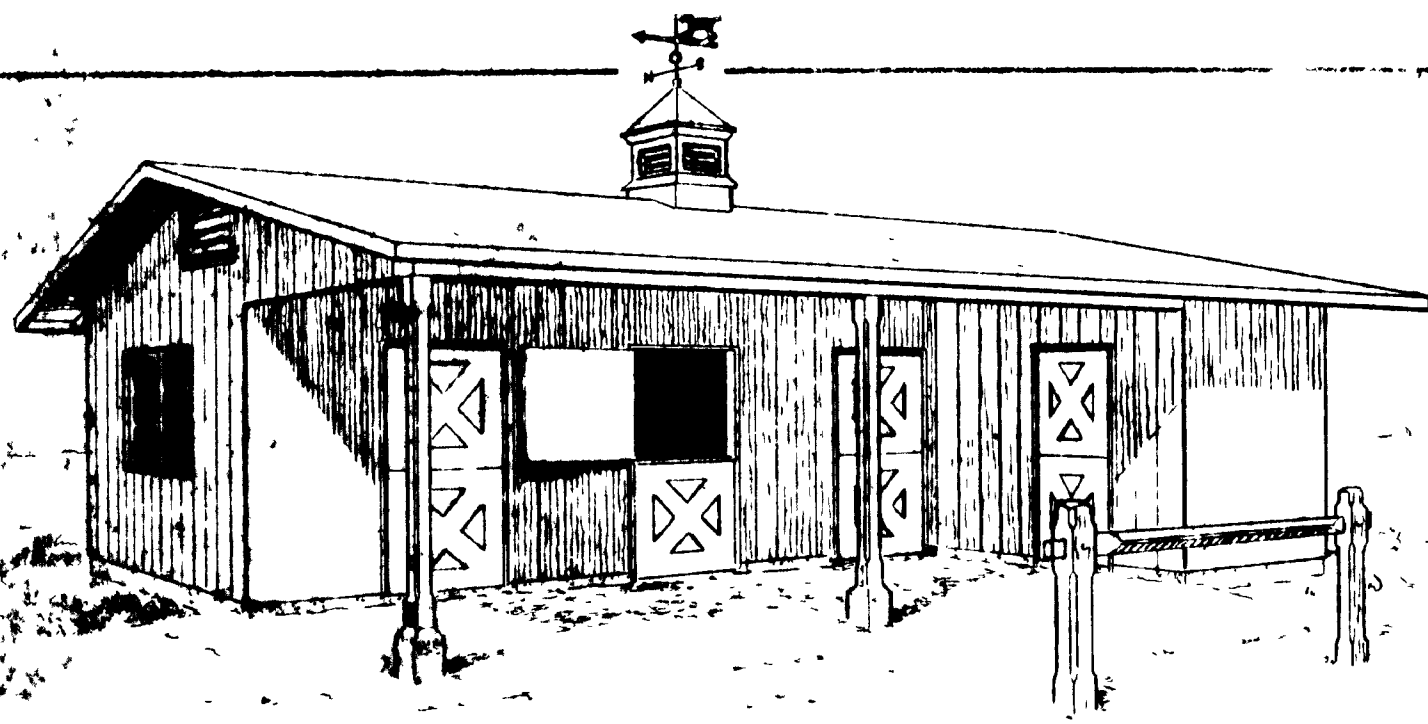
NOTE RAIL & POSTS TO BE TREATED WITH PRESERVATIVE AFTER SHAPING.

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

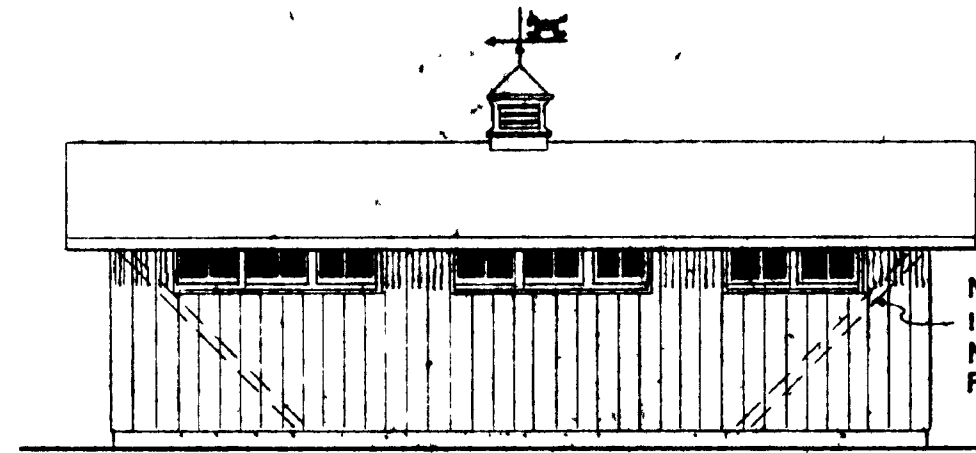
**RIDING HORSE BARN**

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REVIEWED 1957

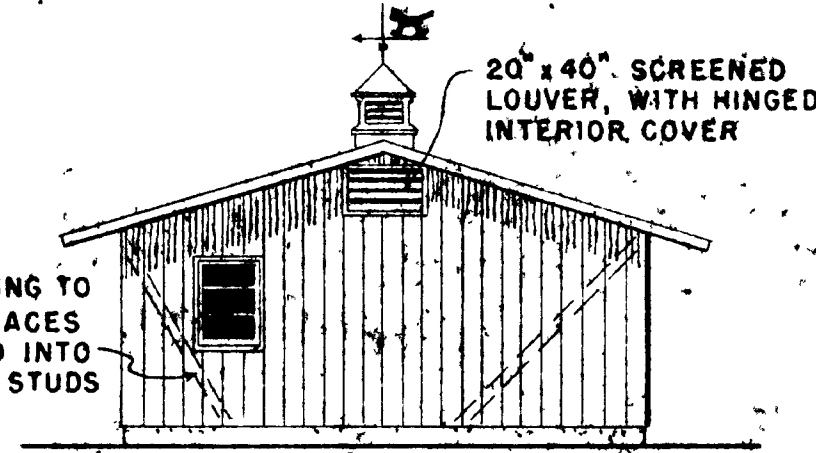


PERSPECTIVE



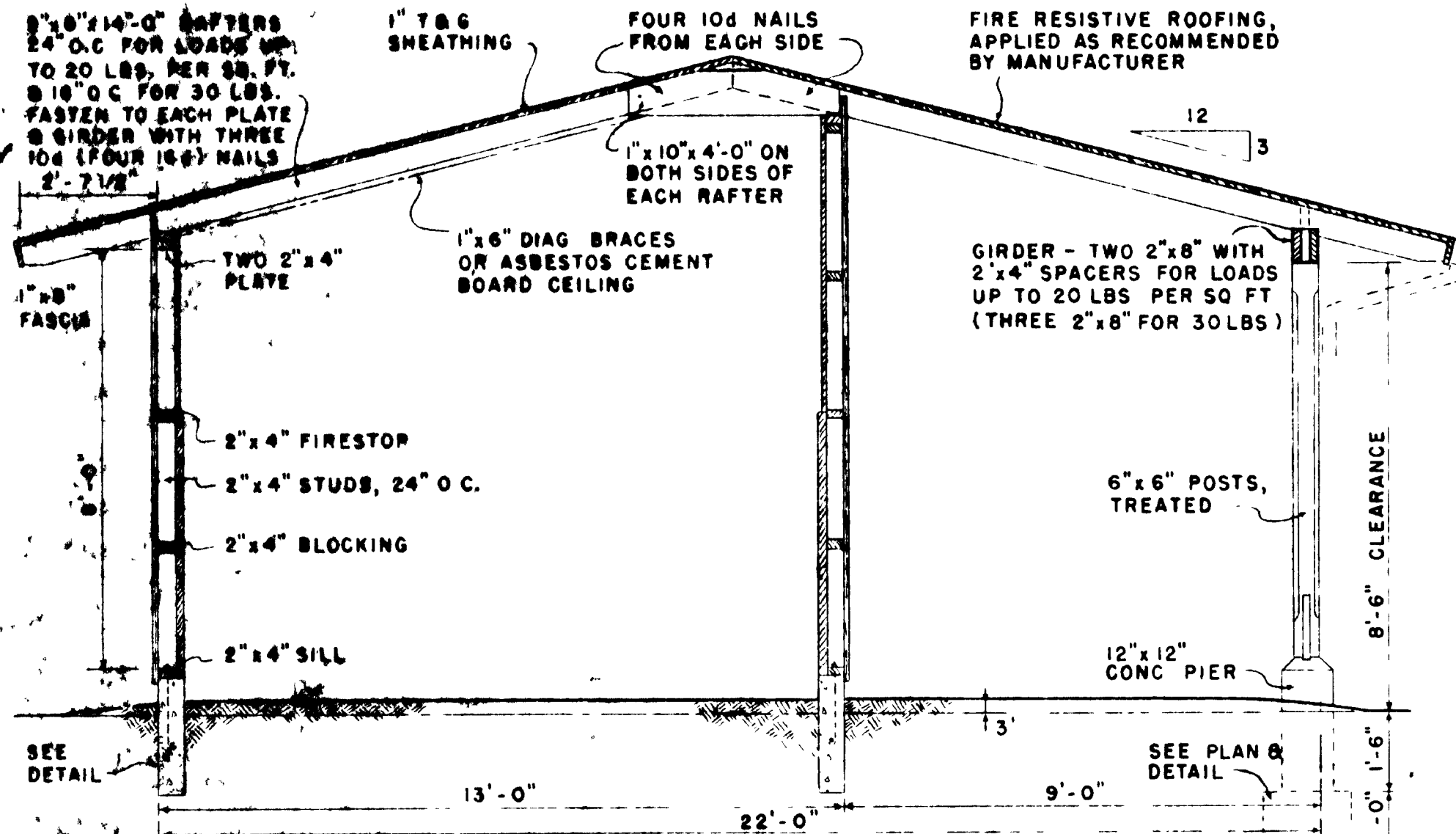
REAR ELEVATION

SCALE 1/8"=1'-0"



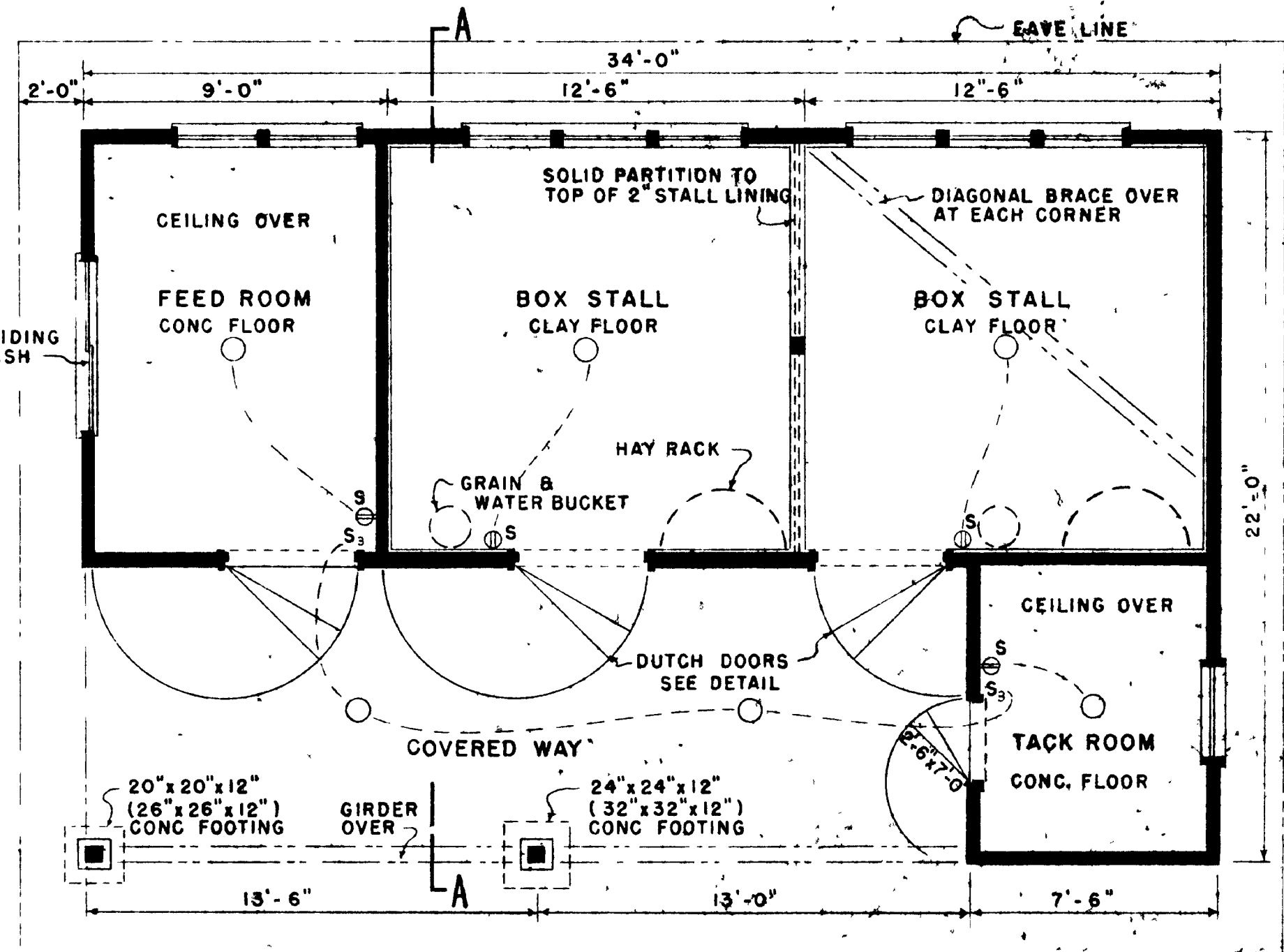
RIGHT END ELEVATION

SCALE 1/8"=1'-0"



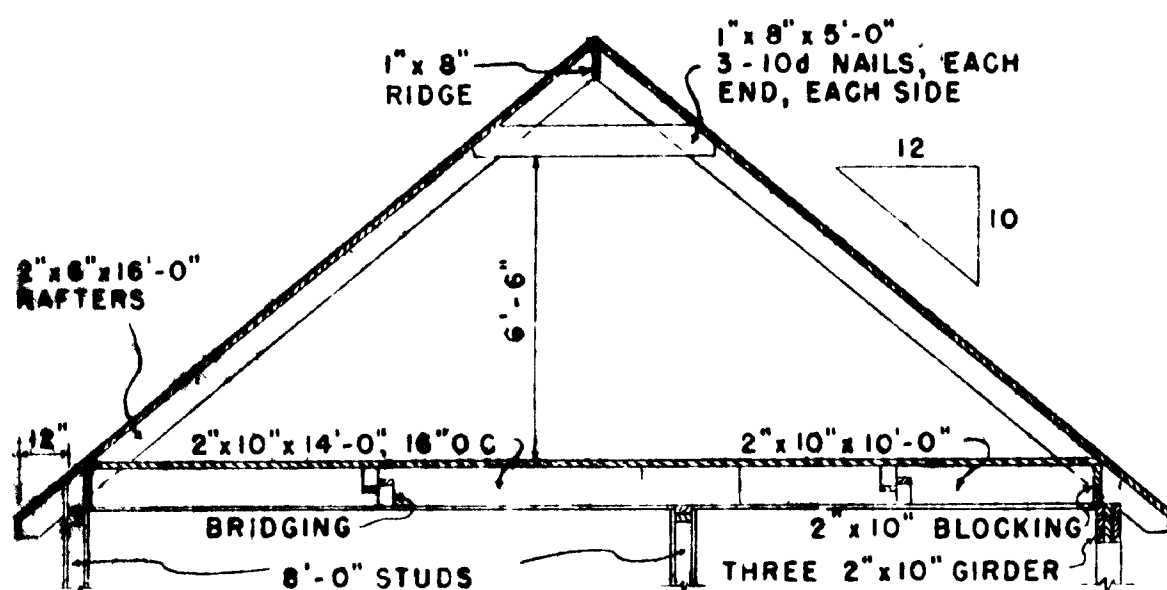
TYPICAL CROSS SECTION A-A

SCALE 3/8"=1'-0"



PLAN

SCALE 1/4"=1'-0"



ALTERNATE ROOF

SCALE 1/4"=1'-0"

THIS STEEPLY PITCHED ROOF PROVIDES MOW SPACE FOR STORAGE OF ADDITIONAL FEED & BEDDING, ALSO IS RECOMMENDED FOR USE WHEN NEEDED TO CONFORM TO THE APPEARANCE OF NEARBY BUILDINGS

GENERAL NOTES

- THIS BUILDING IS DESIGNED FOR USE IN AREAS WHERE SNOW LOAD DOES NOT EXCEED 30 POUNDS PER SQUARE FOOT AND WIND DOES NOT EXCEED 108 MPH
- FOR AREAS WHERE THE SNOW LOAD DOES NOT EXCEED 20 LBS PER SQ FT, SPACE RAFTERS 24" O C, USE THE TWO 2" x 8" GIRDER
  - FOR SNOW LOADS UP TO 30 LBS PER SQ. FT, SPACE RAFTERS 16" O C, AND USE A THREE 2" x 8" GIRDER.
  - REGARDLESS OF SNOW LOAD, IF THE AREA IS SUBJECT TO WINDS OF HURRICANE FORCE, OVER 76 MPH, USE THE THREE 2" x 8" GIRDER AND THE FASTENINGS AND PIER FOOTINGS SHOWN IN PARENTHESIS ( )
  - STALL WINDOWS  
HOT CLIMATES ..USE THREE SASH, AS SHOWN  
MODERATE " " TWO "  
COLD " " ONE "
  - FOUNDATION WALLS AND PIER FOOTINGS MUST BE DEEP ENOUGH TO BEAR ON SOLID GROUND, BELOW FROST LINE

NOTE:

IF MOW IS USED, THE SMALLER ROOM AT RIGHT MAY BE USED FOR FEED STORAGE AND THE LARGER ROOM AT LEFT FOR TACK AND BUNK ROOM

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RIDING HORSE BARN

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