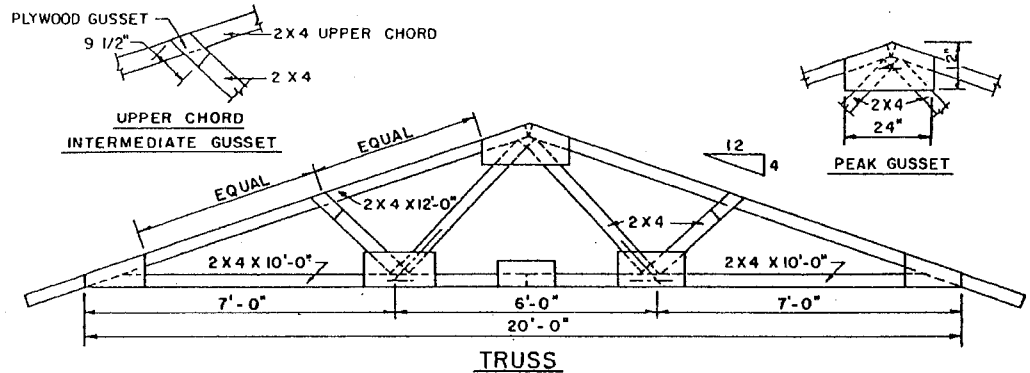


NOTE:
CONSULT LOCAL HEALTH AUTHORITIES BEFORE STARTING CONSTRUCTION TO BE SURE THAT THE PLAN CONFORMS WITH LOCAL CODES AND REGULATIONS

This design is based on the use of American Plywood Association Grade-Tredemarked plywood. Structural deficiencies may result with the substitution of materials. Because erection of the structure cannot be supervised no liability can be assumed by the designer or the American Plywood Association. Mention of a trade name does not constitute a guarantee or warranty of the product by the U.S. Department of Agriculture or an endorsement by the Department over other products not mentioned.

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HORSE BARN 2 STALL PLYWOOD		
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TRUSS SPECIFICATION

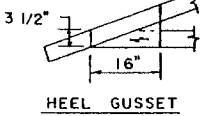
LUMBER:
 UPPER CHORD 2 X 4 — 1500F LUMBER
 LOWER CHORD 2 X 4 — 1200F LUMBER
 WEB 2 X 4 CONSTRUCTION GRADE DOUGLAS FIR,
 LARCH, HEMLOCK OR NO. 2 SOUTHERN PINE

GLUE:
 RESORCINOL RESIN TYPE

NAILS:
 6d SPACED 4" O.C. TWO ROWS FOR 2 X 4 MEMBERS

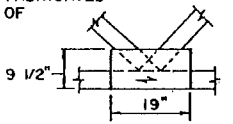
TRUSS

HEEL GUSSETS SHOULD BE FABRICATED
 FLUSH WITH BOTTOM EDGE OF
 CHORD MEMBER

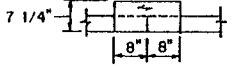


HEEL GUSSET

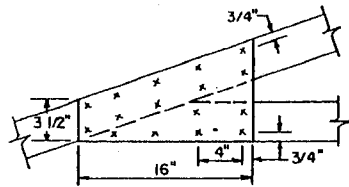
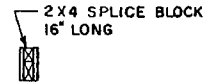
LOCATE GUSSETS
 AS SHOWN



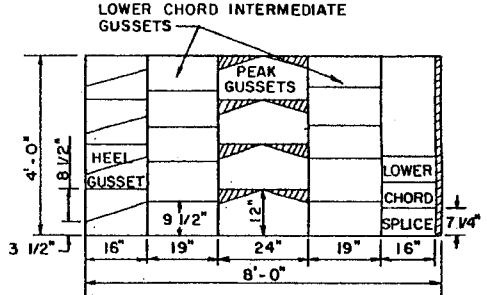
LOWER CHORD
 INTERMEDIATE GUSSET



LOWER CHORD SPLICE



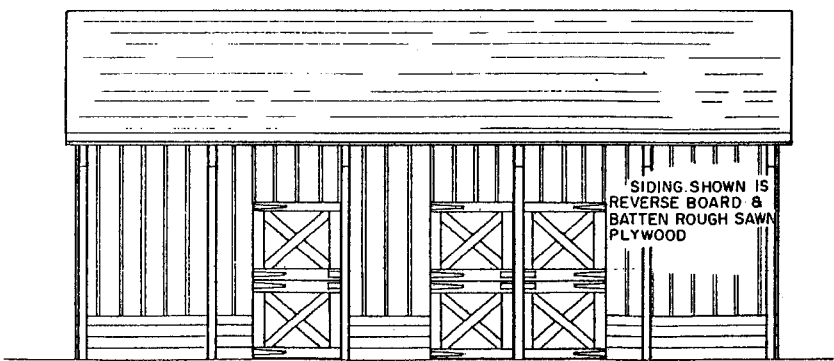
TYPICAL NAIL PATTERN



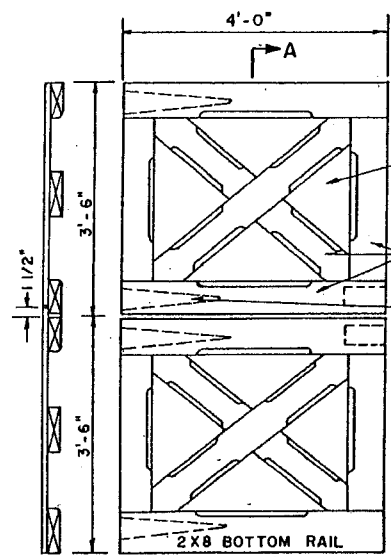
TYPICAL CUTTING SCHEDULE
 FOR PLYWOOD GUSSETS

GUSSETS

GUSSETS ARE CUT FROM PLYWOOD (EXT.-DFPA)
 1/2" C-C STRUCTURAL I. FACE GRAIN IS
 HORIZONTAL ON ALL GUSSETS. ALL PLYWOOD
 GUSSET PLATES ARE ON BOTH SIDES OF TRUSS.



SIDE ELEVATION



STALL DOOR DETAILS

3/4" EXT-DFPA MEDIUM DENSITY OVERLAY PLYWOOD
 FASTENED WITH 2" NO. 14 SCREWS SPACED 6" O.C.
 AROUND PERIMETER

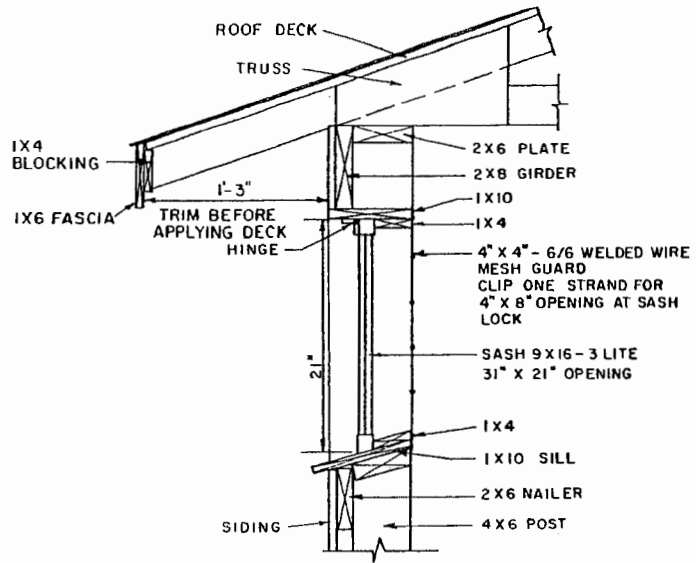
2 X 6 STILES, RAILS AND
 BRACES

HEAVY DUTY LATCHES
 AND HINGES

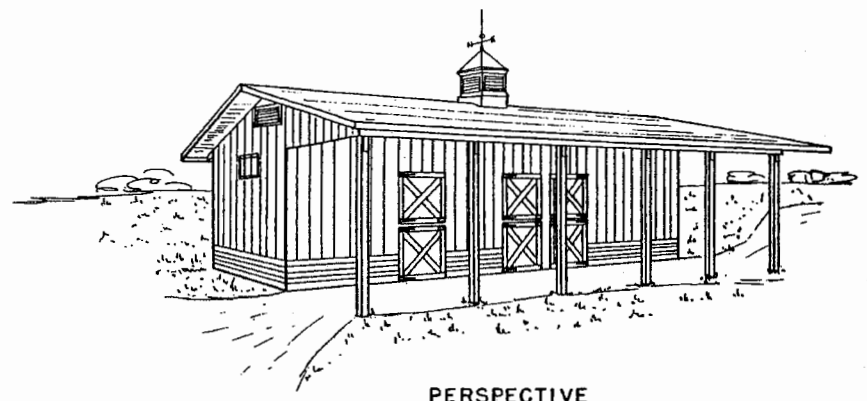
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HORSE BARN
2 STALL PLYWOOD

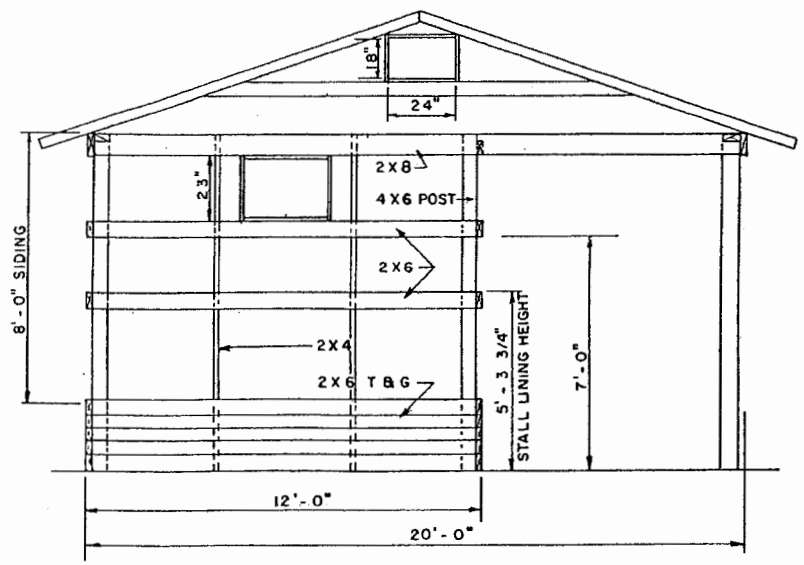
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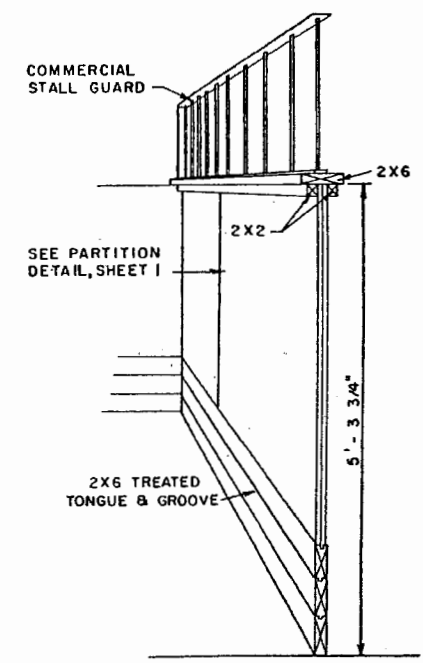
WINDOW DETAIL




PERSPECTIVE



END FRAMING DETAIL



STALL PARTITION DETAIL

		
HORSE BARN 2 STALL PLYWOOD		
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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 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.