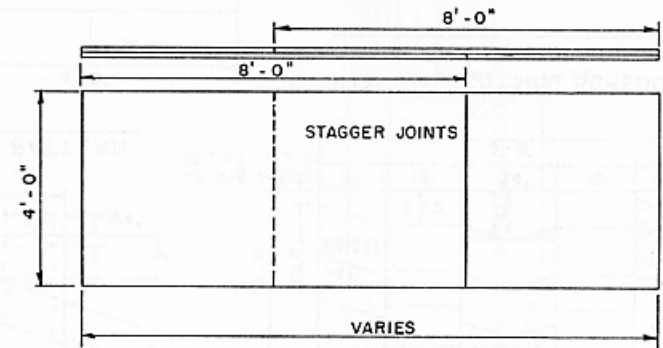


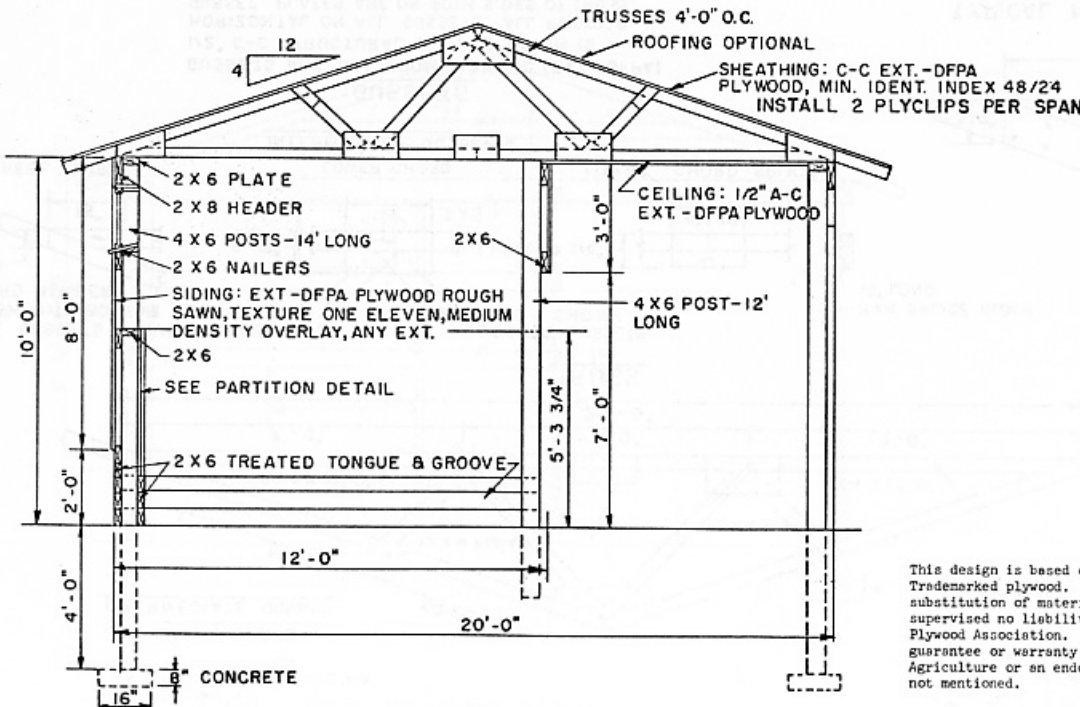
GIRDER DETAIL



PARTITIONS & INNER WALL LINER

5/8" C-C EXT-DFPA PLYWOOD. FASTEN PANELS TOGETHER WITH PANEL ADHESIVE AND NO. 10 WOOD SCREWS 1" LONG, THREE ROWS SPACED 12" O.C. IN EACH ROW.

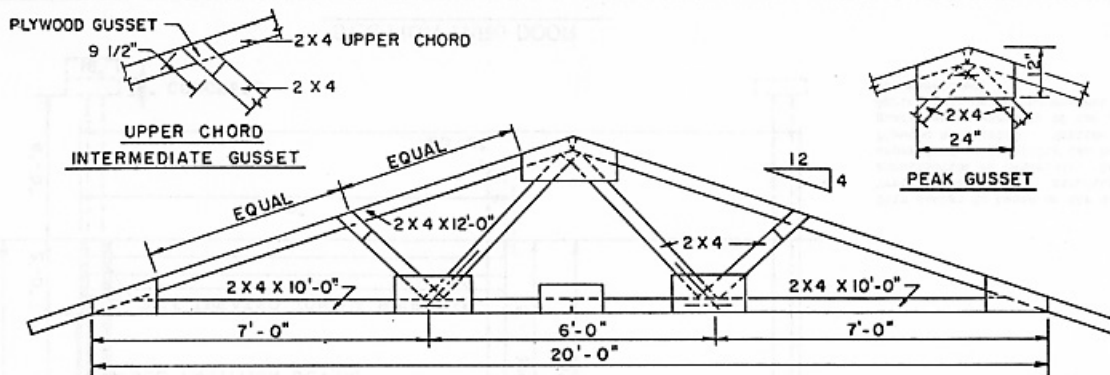
NOTE:
CONSULT LOCAL HEALTH AUTHORITIES BEFORE STARTING CONSTRUCTION TO BE SURE THAT THE PLAN CONFORMS WITH LOCAL CODES AND REGULATIONS



SECTION THRU DOOR

This design is based on the use of American Plywood Association Grade-Trademarked 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.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS		
STATE OF TENNESSEE		
UNIVERSITY OF TENNESSEE		
AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING		
HORSE BARN 2 STALL PLYWOOD		
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TRUSS

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

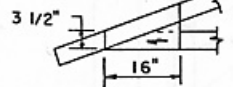
GLUE:

RESORCINOL RESIN TYPE

NAILS:

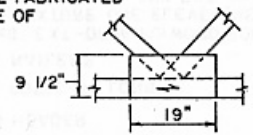
6d SPACED 4" O.C. TWO ROWS FOR 2 X 4 MEMBERS

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

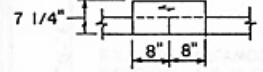


HEEL GUSSET

LOCATE GUSSETS
 AS SHOWN

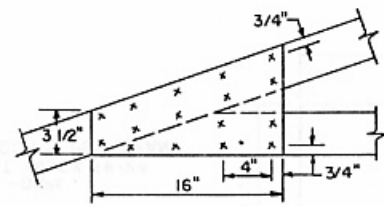


**LOWER CHORD
 INTERMEDIATE GUSSET**

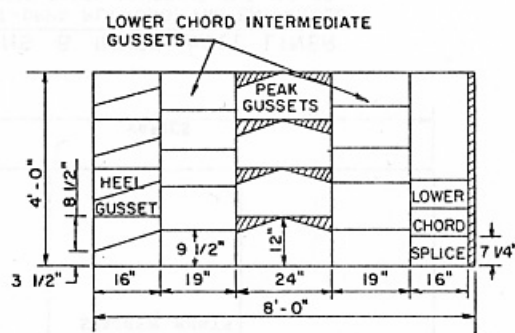


LOWER CHORD SPLICE

2 X 4 SPLICE BLOCK
 16" LONG



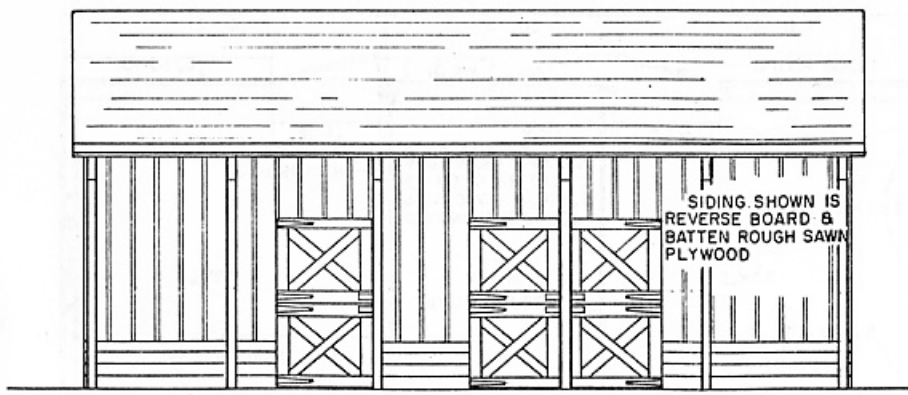
TYPICAL NAIL PATTERN



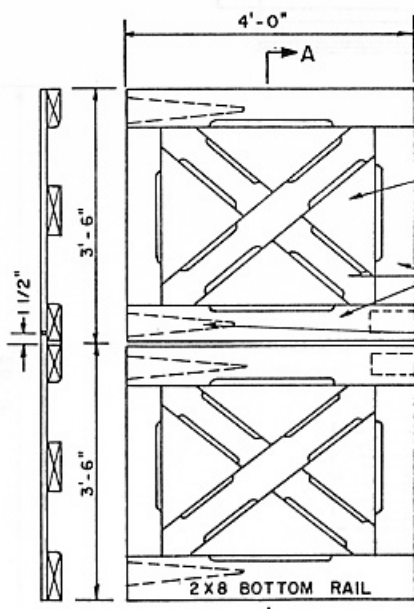
**TYPICAL CUTTING SCHEDULE
 FOR PLYWOOD GUSSETS**

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

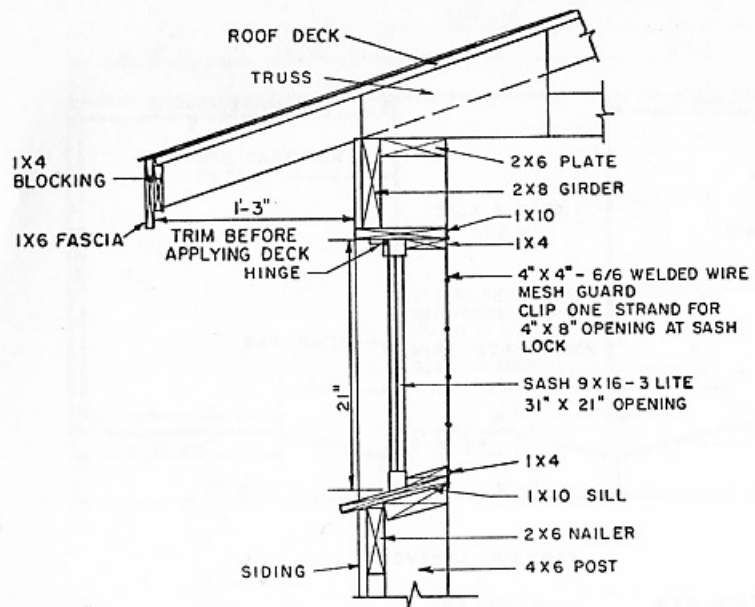
3/4" EXT-DFPA MEDIUM DENSITY OVERLAY PLYWOOD
 FASTENED WITH 2" NO. 14 SCREWS SPACED 6" O.C.
 AROUND PERIMETER

2 X 6 STILES, RAILS AND
 BRACES

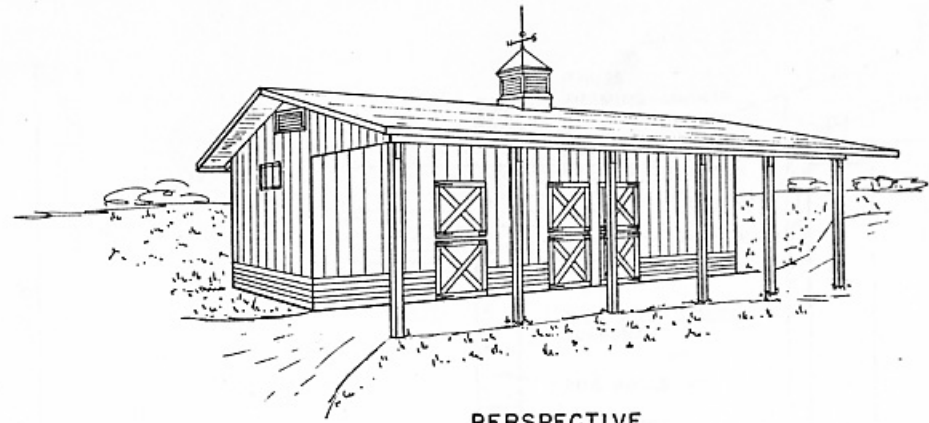
HEAVY DUTY LATCHES
 AND HINGES

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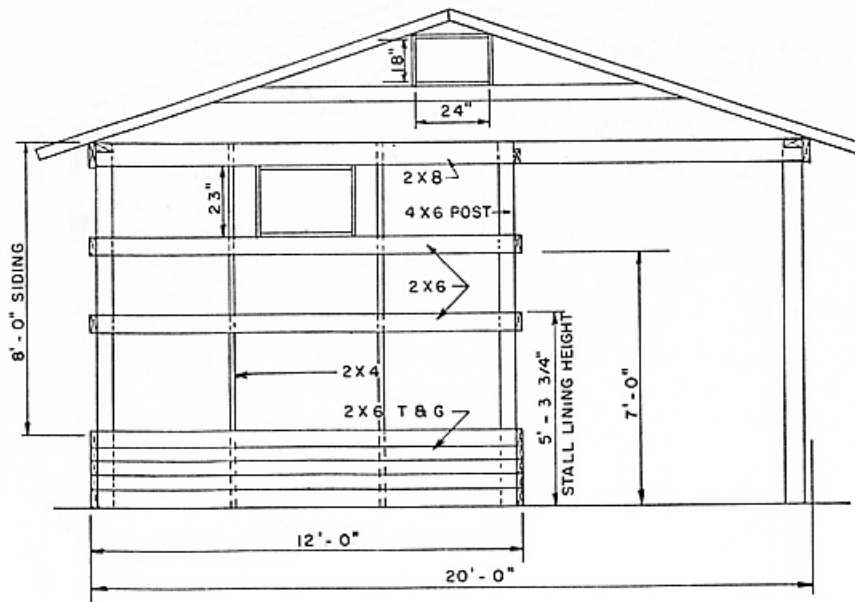
**HORSE BARN
 2 STALL PLYWOOD**



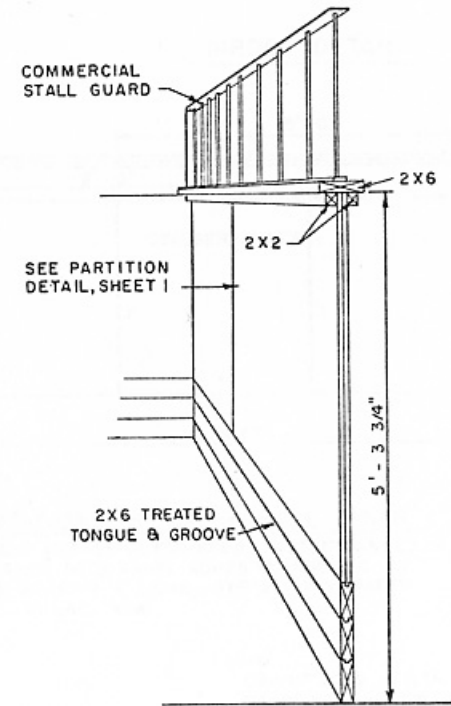
WINDOW DETAIL



PERSPECTIVE



END FRAMING DETAIL



STALL PARTITION DETAIL

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HORSE BARN
2 STALL PLYWOOD

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