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.*
TOP-HINGED WINDOWS

STALL

2 x 3" NAILERS

4 x 4" POST

2 x 6" PLATE WITH 2 x 6" CAP

2 x 6" GIRT

1/2" ASBESTOS-CEMENT BOARD SIDING BETWEEN POSTS (18'-0" LONG)

STALL

PARTITION 5'-6" HIGH WITH COMMERCIAL STALL GUARD ABOVE

SIDING OR WIRE MESH ABOVE PARTITIONS

STALL

TACK & FEED CONCRETE FLOOR

STALL

TAMPED CLAY FLOOR

NOTE LOCATE AND USE PROPER TYPE OF EQUIPMENT INSIDE OF STALLS TO PREVENT INJURY OF HORSES. PLACE FEED BOX AND WATERERS IN CORNERS.

COVERED WAY

1/2" MACHINE BOLTS WITH WASHERS

COMMERCIAL CONTINUOUS RIDGE VENT

FIRE-RESISTIVE ROOFING APPLIED OVER T & G WOOD SHEATHING

2 x 6" 14'-0" RAFTERS SPACED 2'-0" O.C.

TWO 2 x 8" 6'-0" GIRDER WITH 2 x 6" CAP SPlice OVER POSTS WITH 2 x 8" BLOCKING 3'-0" LONG

1" SLOT FOR VENTILATION

2 x 10" PLATE WITH 2 x 6" CAP

2 x 6" POST

2 x 6" FASCIA

2 x 6" NOTCH FOR GIRT

4 x 2'-9" WOOD SASH

HEAD

JAMB

SILL

WINDOWS

ALL POSTS AND OTHER WOOD MEMBERS WITHIN 2'-0" OF GRADE LINE TO BE PRESSURE-TREATED WITH PRESERVATIVE

1/2" ASBESTOS-CEMENT BOARD TO ABOUT 5'-6" ABOVE THE FLOOR FOR REAR WALL, START AT ONE END WITH ALTERNATE 8'-2" AND 3'-10" LENGTHS (CUT FROM 12'-0"
CONTINUE WITH 12'-0" PIECES

4 x 4" 12'-0" POSTS BONDED TO 12" DIAMETER PIERs WITH TWELVE 40d NAILS

6 x 6" 12'-0" POSTS BONDED TO 18" DIAMETER PIERs WITH TWELVE 40d NAILS DRIVEN HALF-LENGTH INTO EACH POST

TOP OF ALL CONCRETE PIERS

SECTION

DOORS

2 x 8" GIRT

1/3" STOP

DUTCH DOOR 4'-0" 6'-0"

HEAD

SILL

JAMB

FILLER

"THese PLANS ARE FOR USE AS A CONSTRUCTION GUIDE IF A CONSTRUCTION CONTRACT IS TO BE MADE, WRITTEN SPECIFICATIONS ARE NEEDED."

POLE-TYPE

SADDLE HORSE BARN

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

DEPARTMENT OF AGRICULTURAL HEARING

UNIVERSITY OF KENTUCKY

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

USDA '65 EX 5994 SHEET 1 OF 2
TYPICAL DETAILS

4' 4" CORNER POST
2' 6" GIRT
2' 6" FILLER
GALK V-JOINTS
2' 4" NAILER, FULL HEIGHT OF WALL

2' 8" T&B G STALL LINING, FRONT AND REAR WALLS
2" STALL LINING FOR END WALLS USE ALL 12'-0" LENGTHS
2' 3" NAILER TO TOP OF PARTITION

PARTITION

2' 6" CAP, THREE 16'-0" AND ONE 12'-0" USE 16'-0" LENGTH AT EACH END
2' 8" 3'-0" BLOCKING
1/8" 1/16" STEEL PLATE AT EACH POST DRILL FOR TWELVE 204 NAILS
T & G PARTITION, 3'-0" LENGTHS
T & G PARTITION IS FASTENED

POST AND GIRDER

6' 6" 12'-0" POST

COOPERATIVE EXTENSION WORK IN
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DEPARTMENT OF AGRICULTURAL ENGINEERING
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AND
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POLE TYPE
SADDLE HORSE BARN

USDA '65 EX 5994 SHEET 2 OF 2