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.
**SECTION A-A**

*SCALE 3"=1'-0"*

**INTERIOR PERSPECTIVE**

**NOTE**

RIDGE LINE RUNS NORTH-SOUTH
SO PREVAILING WINDS FROM THE
SOUTHWEST TO NORTHEAST CREATE
SUCTION AT RIDGE OPENING THE
WEST WALL IS CLOSED AND THE
EAST WALL IS OPEN
6" CONCRETE SLATS GROUT OVER BEAM & PARTITION

1" EXPANSION JOINT

*4 RE-BARS PLACED 12" O.C. VERTICALLY & HORIZONTALLY IN EACH SIDE OF PIT PARTITION WALL

8" THICK PARTITION

11 1/2" 5 1/2" 11 1/2" 6x6 1/4" WELDED WIRE FABRIC

SECTION C-C
SCALE 1/2"=1'-0"

WATERER

UF WITH GROUND FROM SWITCH BOX LOCATE ON OUTSIDE POST SURFACE TO PREVENT DAMAGE FROM ANIMALS

PROTECT EXPOSED PIPE AND TAPE FROM PHYSICAL DAMAGE

INSULATED WRAP

HEAT TAPE

CONCRETE CURB

2x6

GRADE

FILL INSULATION

2"x2'-0" RIGID INSULATION

CUTOFF VALVE

4'-0"

10' CLAY TILE

WATERER AND POST DETAIL

WATER SUPPLY

6x6 PRESSURE TREATED POST 8'-0" O.C

9'-0" SLIDING BUNK SECTION

4x4 TREATED POSTS 8'-0" O.C

2x4 CLEATS

2x8

HANGER FOR REMOVABLE 2x8

2x12

TWO 2x10

FENCE 2x8

CONCRETE SLATS

TWO 2x10

GROUT BETWEEN SLATS OVER BEAM AND PARTITION WALL

CONCRETE BEAM

8" PIT PARTITION

SLIDING BUNK SECTION

ISOMETRIC

BEAM SECTION

SLAT SECTION

SCALE 1"=1'-0" UNLESS OTHERWISE NOTED

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS DEPARTMENT OF AGRICULTURAL ENGINEERING COLLEGE OF AGRICULTURE UNIVERSITY OF KENTUCKY}

CONFINEMENT BEEF BARN

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