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.
WALL SECTION  SCALE 3/4"x1'-0"

DETAILS (A) & (B)  SCALE 3"x1'-0"

SIDE ELEVATION  SCALE 1/8"x1'-0"

NOTE:
1. SITE LOCATION TO BE WELL DRAINED
2. IF SELF-FEEDING IS DESIRED, ORDER PLAN 5871, "SELF-FEEDING FENCES"
3. IF SOLID END WALL IS DESIRED, USE 2"x6" PLANK WALL BRACED 6'-0" AS SHOWN ON THIS DRAWING
4. USE GALVANIZED OR CATHODE PLATED NAILS TO FASTEN PLANK TO POSTS

HIGH  SELF FEED  STORAGE  1" PER 4'-0"

BUNK SLOPE

THICKEN SLAB AND APRON AT EDGE AS SHOWN ABOVE

LENGTH MAY BE INCREASED OR DECREASED IN 6'-0" INCREMENTS

SIDE ELEVATION

GENERAL VIEW  SCALE 3/4"x1'-0"

PRESSURE TREATED MATERIAL SHALL BE CONSTRUCTION GRADE DOUGLAS FIR OR EQUAL & SHALL BE PRESSURE TREATED TO A PRESERVATIVE RETENTION OF 5 - 7 POUNDS PER CUBIC FOOT AS PER A W P A STANDARDS

SILO CAPACITIES

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CAPACITIES SHOWN ARE APPROXIMATE & ARE BASED ON A SILAGE WEIGHT OF 40 LBS PER CU FT

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

BRACED WALL SILO

BASED ON UNIV. OF CONN. PLAN 221