

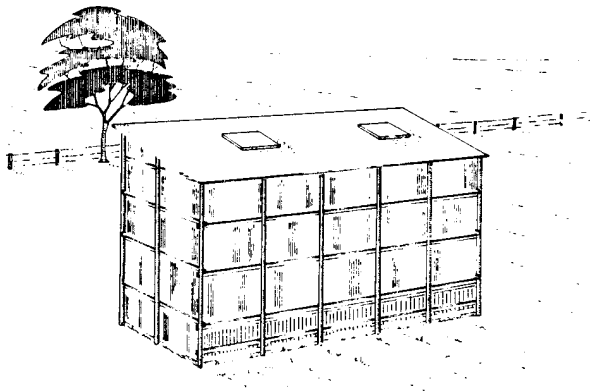
MWPS-73271

Single Pole Corn Crib

Built in 5' increments. Alternate floor construction details show flat concrete or concrete with drag trench.

WARRANTY DISCLAIMER

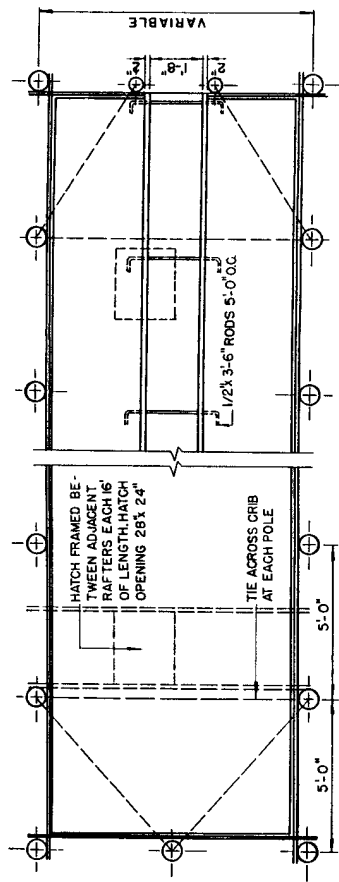
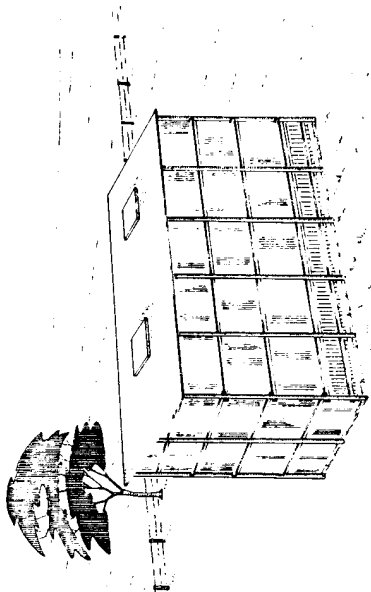
This plan provides conceptual information only. **Neither MidWest Plan Service nor any of the cooperating land grant universities, or their respective agents or employees, have made, and do not hereby make, any representation, warranty or covenant with respect to the specifications in this plan.** Additional professional services will be required to tailor this plan to your situation, including but not limited to: assurance of compliance with codes and regulations; review of specifications for materials and equipment; supervision of site selection, bid letting and construction; and provision for utilities, waste management, roads or other access.



MIDWEST PLAN SERVICE Cooperative Extension Work in Agriculture and Home Economics and Agricultural Experiment Stations of North Central Region - USDA Cooperating
SINGLE POLE CORN CRIB
Title Page
MIDWEST PLAN NO. 73271

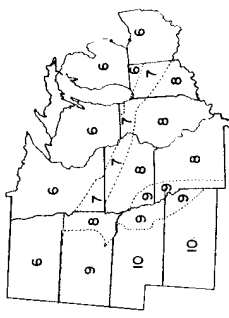
CAUTION!

Additional professional services will be required to tailor this plan to your situation, including but not limited to: assurance of compliance with codes and regulations; review of specifications for materials and equipment; supervision of site selection, bid letting and construction; and provision for utilities, waste management, roads or other access. **Furthermore, any deviation from the given specifications may result in structural failure, property damage, and personal injury including loss of life.**

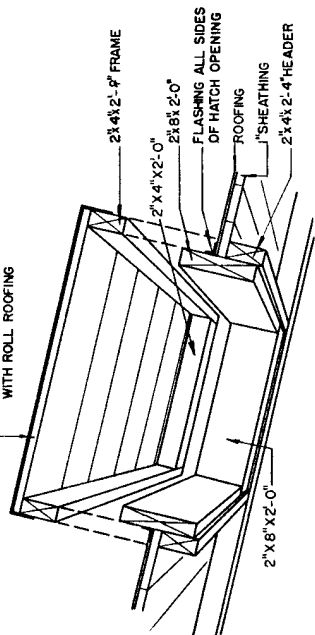


SHOWING DEAG TRENCH
SHIPLAP COVERED WITH ROLL ROOFING

PLAN SCALE 1/4" = 1'-0"

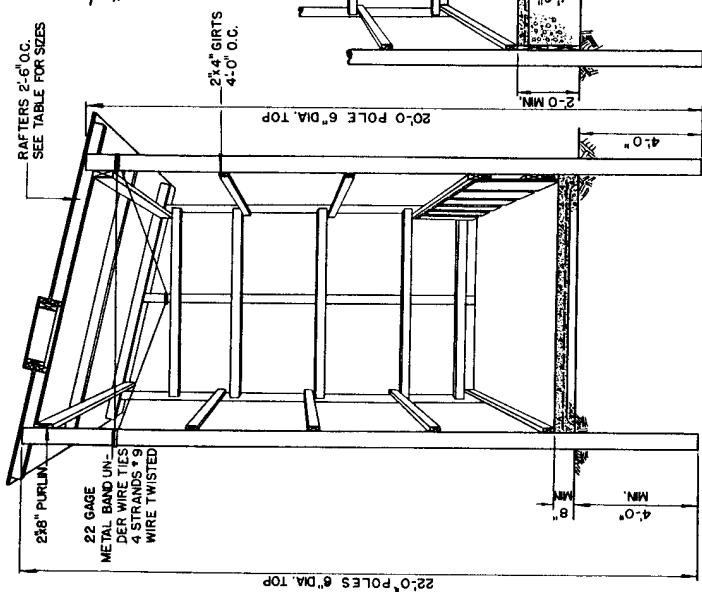


RECOMMENDED CORN CRIB WIDTHS



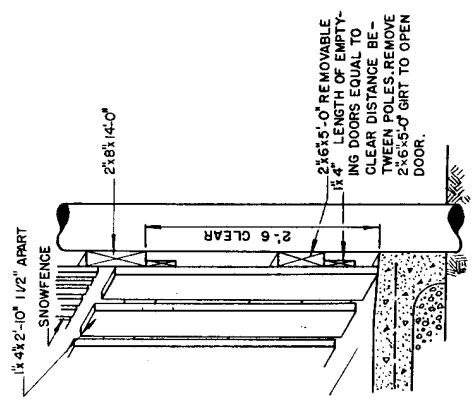
HATCH DETAIL

NOTES
 FLOORS: LAY 5/8" ROLL ROOFING OVER EARTH, SAND OR GRAVEL. FILL BEFORE POURING 4" CONCRETE FLOOR REINFORCED WITH 6"x6" WELDED WIRE MESH. SLOPE FLOORS 1/4"/FT.
 ROOFING: THIS STRUCTURE IS DESIGNED TO BE USED IN AREAS WHERE THERE IS NO SIGNIFICANT SNOW STORAGE OF LIVESTOCK FEED AND ONLY IF ROOFING MEASURES ARE PRACTICED.
 ROOFING: THIS STRUCTURE IS DESIGNED TO BE USED IN AREAS WHERE THERE IS NO SIGNIFICANT SNOW STORAGE OF LIVESTOCK FEED AND ONLY IF ROOFING MEASURES ARE PRACTICED.



INTERIOR PERSPECTIVE FLAT FLOOR

ALTERNATE INTERIOR PERSPECTIVE DRAG TRENCH



EMPTYING DOOR DETAIL

MIDWEST PLAN SERVICE		
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND MECHANICS AND AGRICULTURAL EXPERIMENT STATIONS OF NORTH CENTRAL REGION USDA COOPERATING		
SINGLE POLE		
CORN CRIB		
5028	SHEET 1	OF 1 SHEETS
MIDWEST PLAN NO. 73271		

SINGLE POLE CORN CRIB
25' LENGTH, FLAT FLOOR

ITEM	CRIB WIDTH						DESCRIPTION
	6	7	8	9	10	BU/25' LENGTH	
CAPACITY	900	1050	1200	1350	1500		
<u>FLOOR & FOOTINGS</u>							
CONCRETE	2.0	2.25	2.5	3.0	3.25		YDS.
WATER PROOFING	150	175	200	225	250		Sq. FT.
WIRE MESH	150	175	200	225	250		SQ. FT. 6"x6"#10
<u>FRAMING</u>							
POLES	6	6	6	6	6		20' 6" TOP DIAM.
GIRTS	8	8	8	8	8		22' 6" TOP DIAM.
	360	370	380	390	400		LN. FT. 2"x4"
	25	25	25	25	25		LN. FT. 2"x6"
PURLINS	25	25	25	25	25		LN. FT. 2"x8"
RAFTERS	50	50	50	50	50		LN. FT. 2"x8"
	11-8'	11-9'	11-10'	11-11'	11-12'		2"x4"
BRACING	200	230	260	290	320		2"x6"
							LN. FT. #9 WIRE
<u>SIDING, ETC.</u>							
CRIBBING	225	235	245	250	260		LN. FT. 4' SNOWFENCE
ROOFING	2.0	2.25	2.5	3.0	3.0		SQUARES
SHEATHING	2-14'	2-14'	2-14'	2-14'	2-14'		2"x4"
HATCHES	1-16'	1-16'	1-16'	1-16'	1-16'		2"x8"
	18	18	18	18	18		LN. FT.
FLASHING	5-10'	5-10'	5-10'	5-10'	5-10'		1"x4"
EMPTYING DOORS	14-12'	14-12'	14-12'	14-12'	14-12'		1"x4"