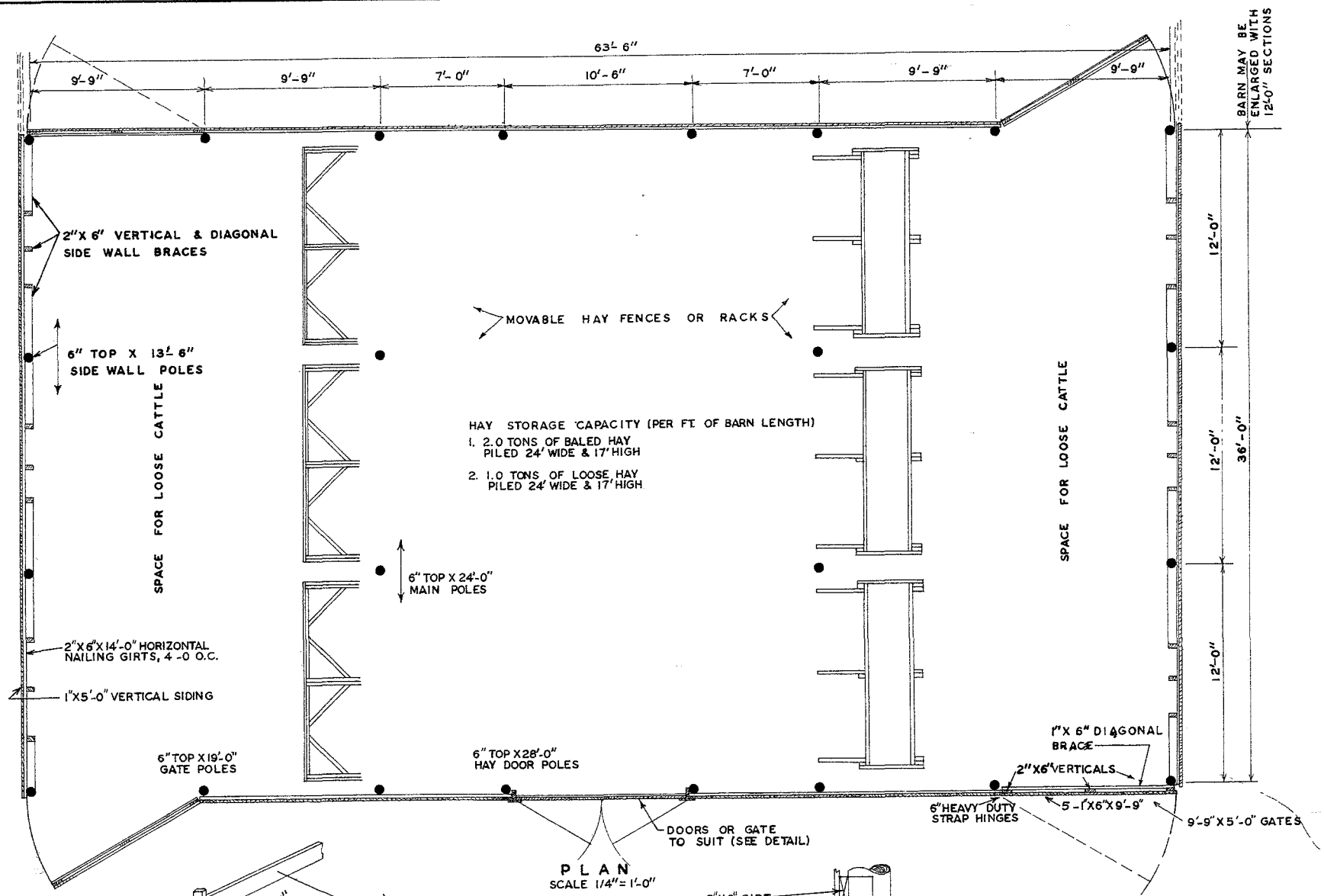
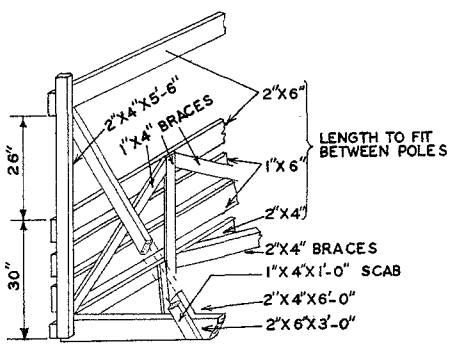
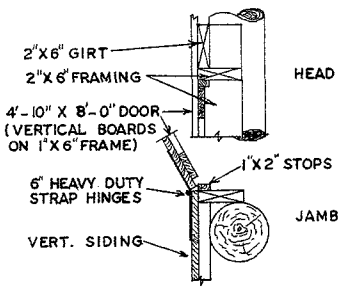


PLAN
SCALE 1/4"= 1'-0"



ISOMETRIC DETAIL OF MOVABLE HAY FENCES



DOOR DETAIL
SCALE 1"=1'-0"

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CATTLE BARN, POLE CONSTRUCTION

ENGINEER	SCALE AS SHOWN
DRAWN BY USDA '53	SHEET 1 OF 3
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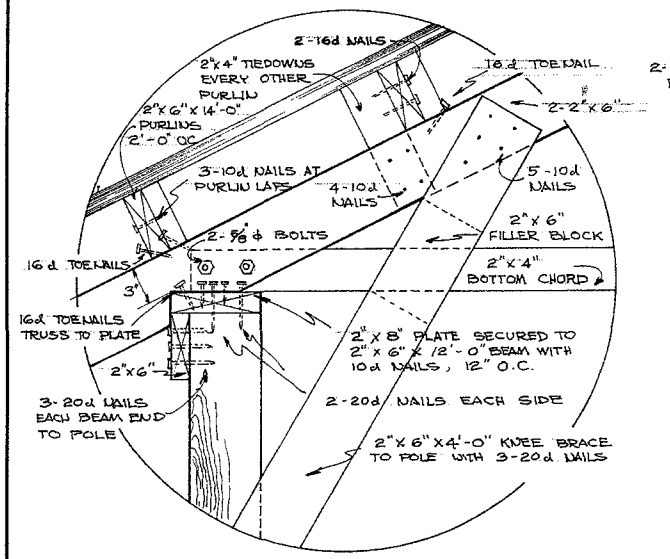
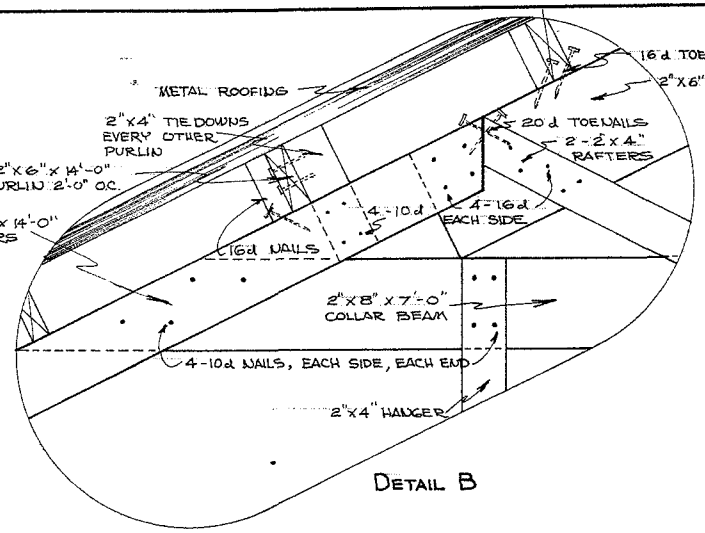
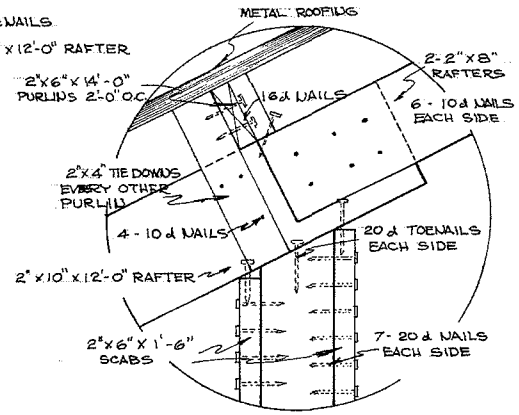


DETAIL A



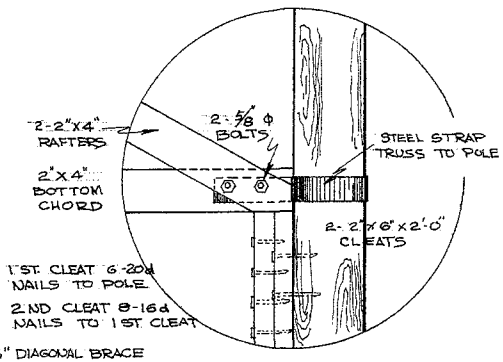
DETAIL B



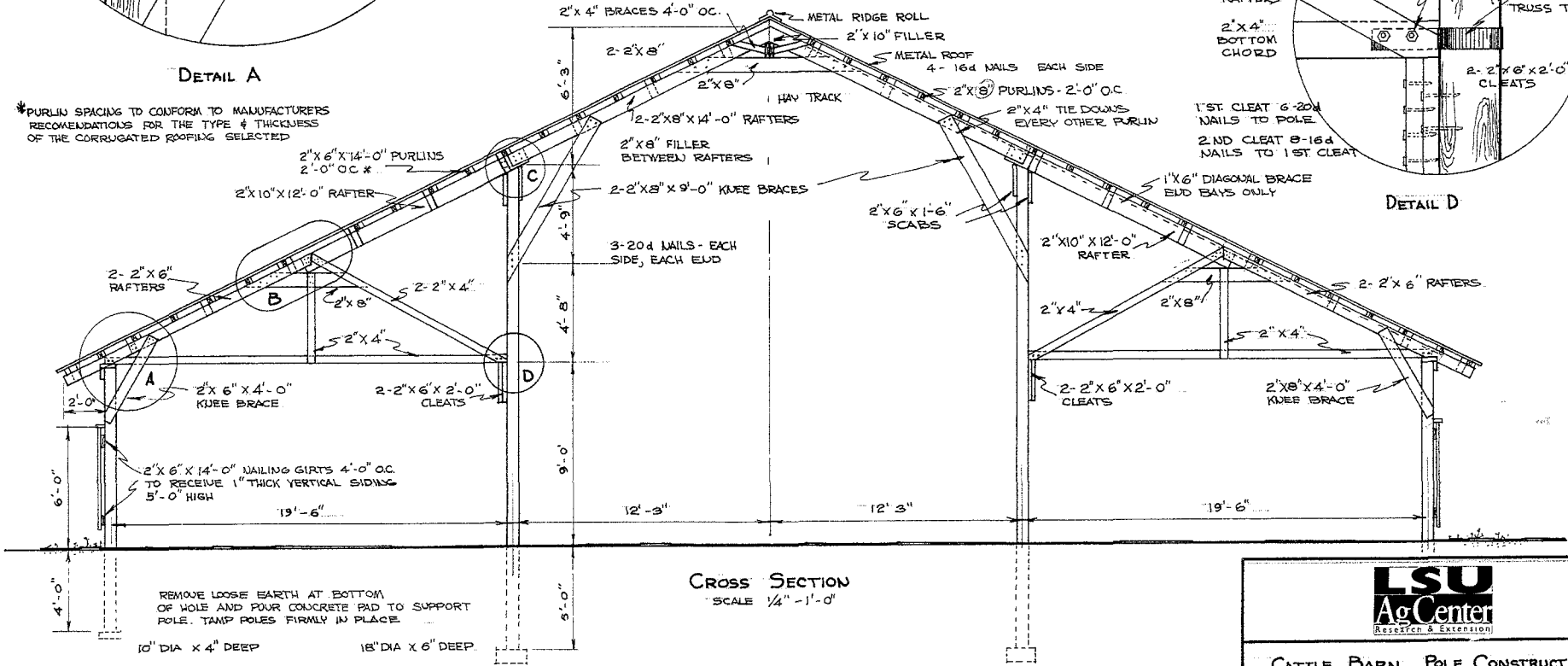
DETAIL C

DETAILS OF FRAMING CONNECTIONS

SCALE: 1½" = 1'-0"



DETAIL D



*PURLIN SPACING TO CONFORM TO MANUFACTURERS RECOMENDATIONS FOR THE TYPE & THICKNESS OF THE CORRUGATED ROOFING SELECTED

CROSS SECTION

SCALE 1/4" - 1'-0"

REMOVE LOOSE EARTH AT BOTTOM OF HOLE AND POUR CONCRETE PAD TO SUPPORT POLE. TAMP POLES FIRMLY IN PLACE.

10" DIA x 4" DEEP

18" DIA x 6" DEEP

NOTE

POLES ARE TO HAVE MIN 8" TOP AND BE PRESSURE TREATED WITH WOOD PRESERVATIVE

1. SET AND ALIGN POLES, PUT UP WALL BEAMS (DETAIL A) AND POLE CLEAT (DETAIL D).
2. BUILD TRUSSES ON JIG AND LIFT ON TO BEAM AND CLEAT. USE TEMPORARY BRACES TO KEEP PLUMB.
3. PUT ON RAFTERS, KNEE BRACES AND COLLAR TIES.
4. PUT ON PURLINS, ERECTING TEMPORARY SCAFFOLD AS MAY BE NECESSARY TO COMPLETE FRAMING.

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CATTLE BARN POLE CONSTRUCTION

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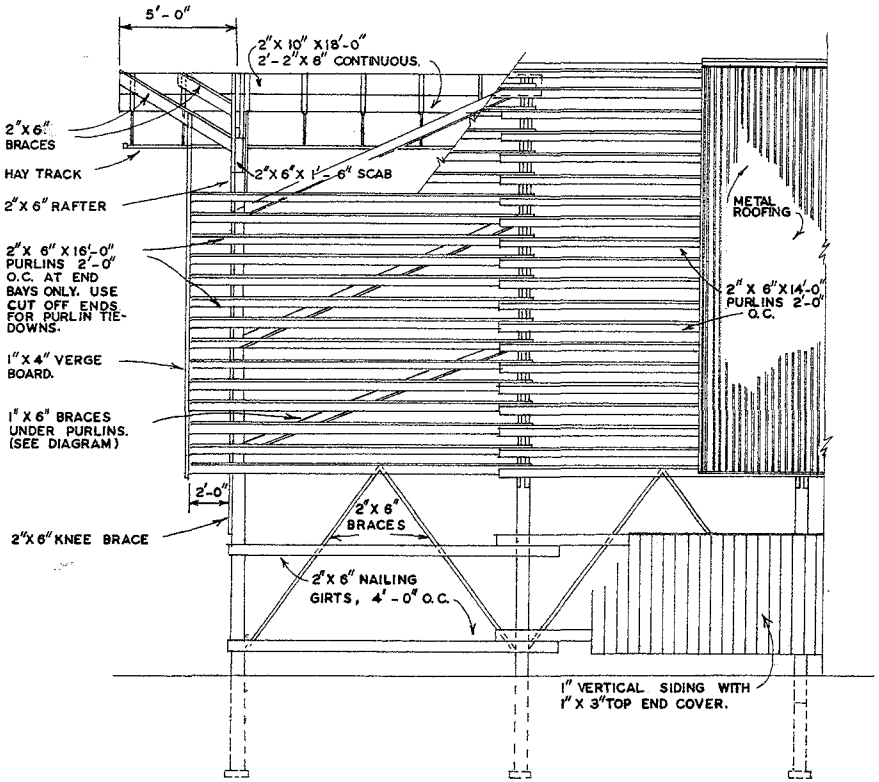
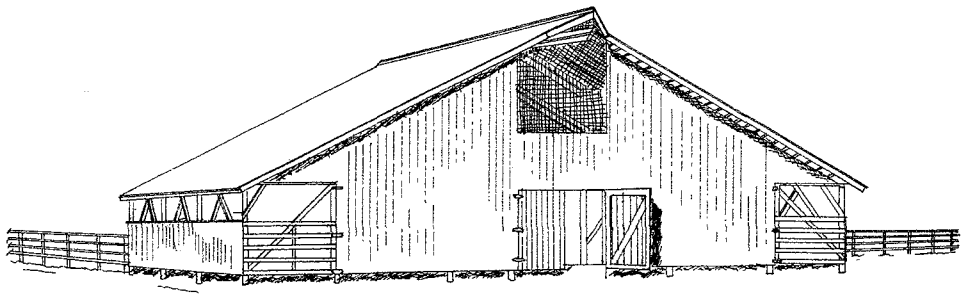
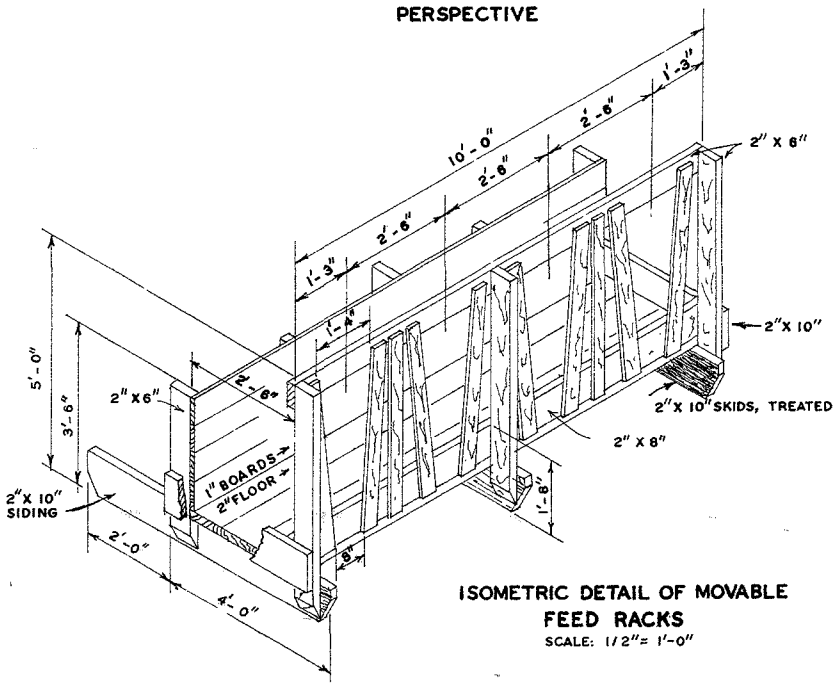
NOTE:
ROOF IS DESIGNED FOR EQUIVALENT VERTICAL SNOW LOAD OF 10# PER SQ. FT. AND A NET UPLIFT DUE TO WIND OF 11# PER SQ. FT. NORMAL TO ROOF SURFACE. UPLIFT REQUIRES ANCHORING OF RAFTERS TO PURLINS WITH 2" X 4" TIES WITH 4-10d NAILS, EACH END.



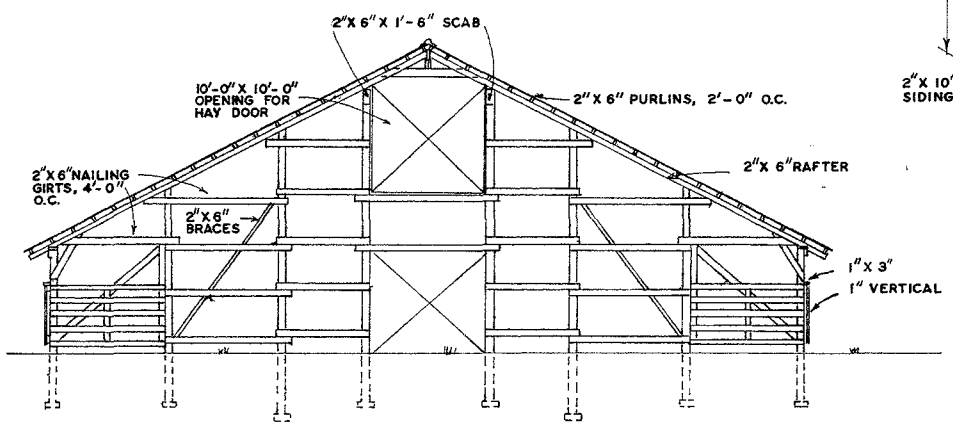
TYPICAL SIDE FRAMING
SCALE: 1/4"= 1'-0"



PERSPECTIVE



ISOMETRIC DETAIL OF MOVABLE FEED RACKS
SCALE: 1/2"= 1'-0"



END FRAMING
SCALE: 1/8"= 1'-0"

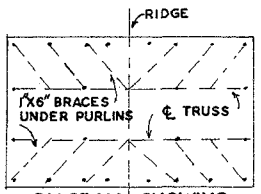


DIAGRAM SHOWING DIAGONAL BRACES UNDER PURLINS

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CATTLE BARN, POLE CONSTRUCTION

ENGINEER	SCALE AS SHOWN
DRAWN BY USDA, '53	SHEET 3 OF 3
TRACED BY GNW / RWD	DATE RETRACED MARCH 62 NO. 5754

Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.