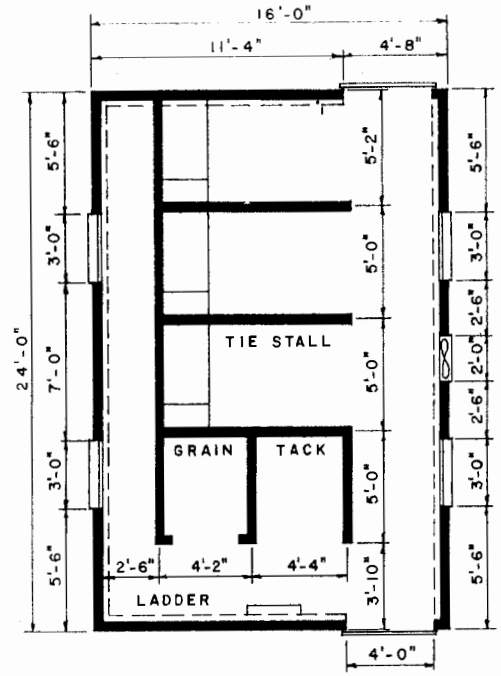
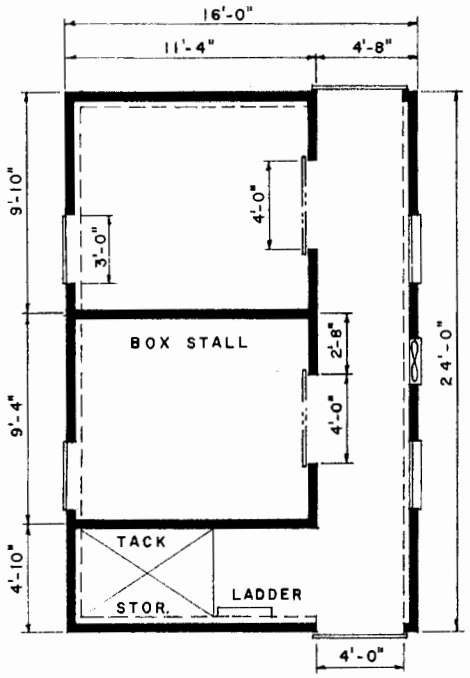
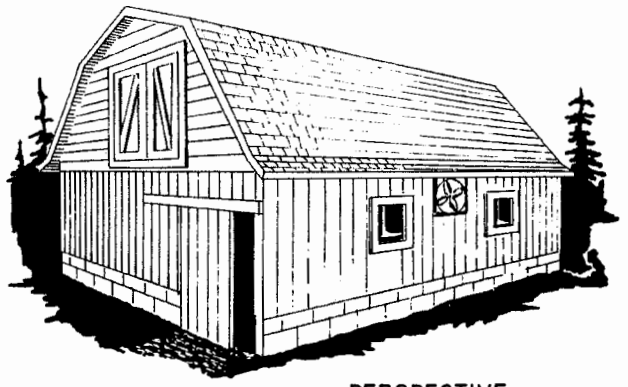


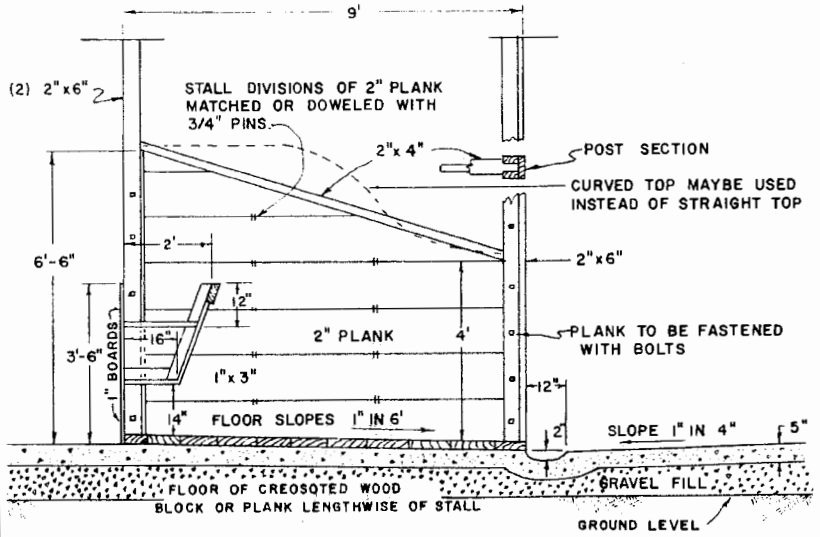
TIE STALL FLOOR PLAN



BOX STALL FLOOR PLAN



PERSPECTIVE



NOTE: STALLS 5' WIDE
FEED BOX 12" WIDE

TIE STALL CROSS SECTION

SCALE 1/2" = 1'-0"

12" 6" 0 1' 2'

NOTES:

VENTILATION — PROVIDE 100 cfm PER HORSE WITH SMALL VENTILATION FAN. PROVIDE AIR INLET — 12 HOLES DRILLED THROUGH HAY MOW FLOOR 3/4" IN DIAMETER FOR EACH HORSE. LOCATE HOLES CLOSE TO OUTSIDE WALL OPPOSITE FAN. CONTROL FAN PREFERABLE WITH THERMOSTAT SET AT 40° TO 42° F DURING WINTER MONTHS. OPERATE FAN MANUALLY DURING EXTENDED COLD SPELLS IF FROST APPEARS IN BARN AS HUMIDITY BECOMES EXTREMELY HIGH.

HAY STORAGE — OVERHEAD MOW PROVIDES STORAGE FOR APPROXIMATELY 125 BALES OR 3 1/2 TO 4 TONS OF HAY. CLOSE TRAP DOOR TO HAY MOW DURING COLD MONTHS OF YEAR.

WATER ---- PROVIDE OUTSIDE WATERING TANK FOR TIE STALL ARRANGEMENT. PROVIDE INSIDE FROST PROOF HYDRANT WITH BOX STALLS — WATER HORSES WITH BUCKET.

LIGHTS ---- PROVIDE AT LEAST 2 OVERHEAD LIGHTS FOR EACH ALLEY AND HAY MOW. ALSO PROVIDE LIGHTS NEAR LADDER AND TACK STORAGE AREA.

DOORS ---- ALL DOORS TO OUTSIDE SHOULD BE 4 FEET WIDE. OUTSIDE DOORS TO BOX STALLS ARE OPTIONAL.

ROOF ---- EITHER ASPHALT SHINGLES OR METAL CAN BE USED FOR ROOF. (SEE DETAILS ON SHEET 2).

NOTE: CONSULT LOCAL HEALTH AND BUILDING CODE AUTHORITIES BEFORE STARTING CONSTRUCTION.

12" 0 1' 2' 3' 4'

SCALE: 1/4" = 1'-0" UNLESS OTHERWISE NOTED.

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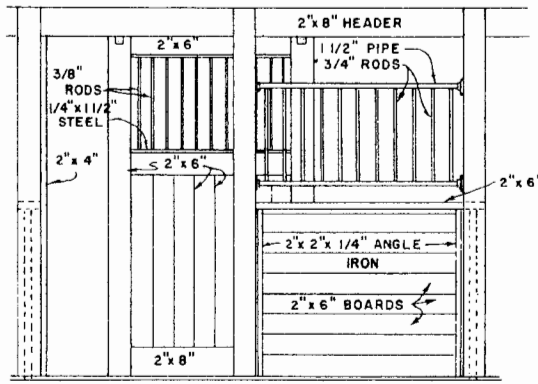
HORSE BARN
GAMBREL ROOF

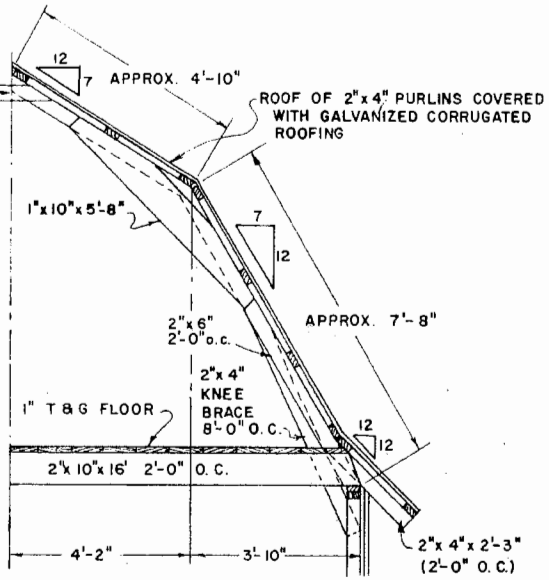
MICH. '76	6262	SHEET 1 OF 2

BASED ON: MICH. STATE UNIV.
PLAN NO. 722-C1-13



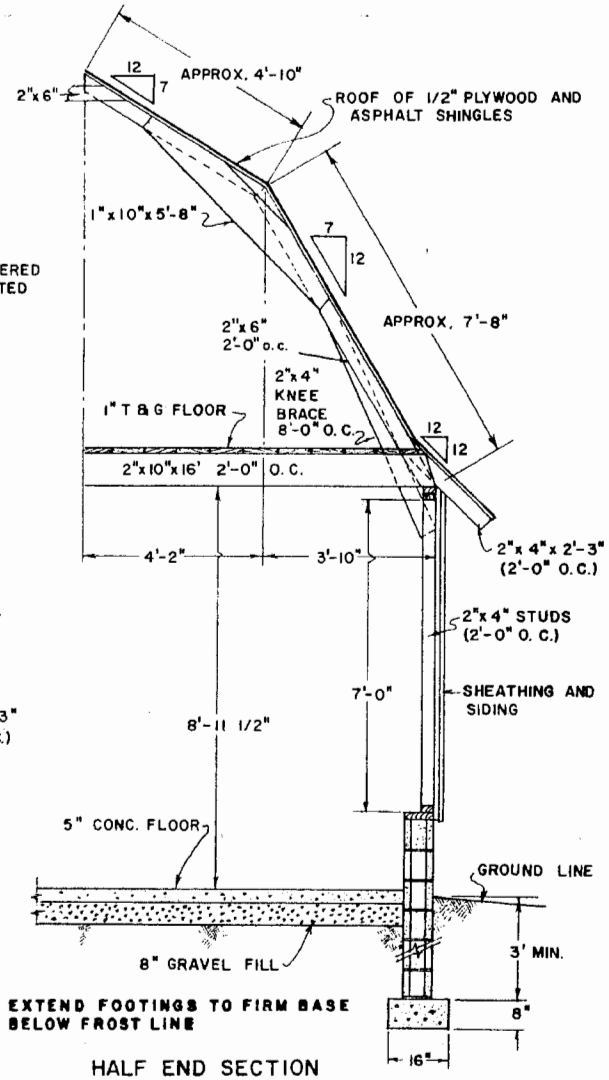
FRONT VIEW

BOX STALL DETAILS



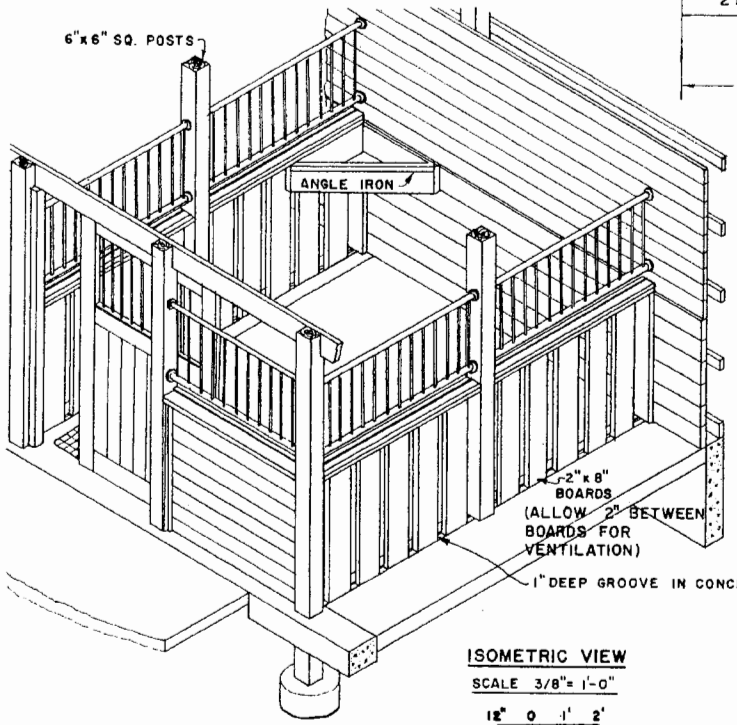
HALF END SECTION

GALVANIZED CORRUGATED ROOFING



HALF END SECTION

ASPHALT SHINGLES



ISOMETRIC VIEW

SCALE 3/8"= 1'-0"

12" 0 1' 2'

SCALE: 1/2"= 1'-0" UNLESS OTHERWISE NOTED.

12" 6" 0 1' 2'

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HORSE BARN
GAMBREL ROOF

MICH. '76	6262	SHEET 2 OF 2

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.