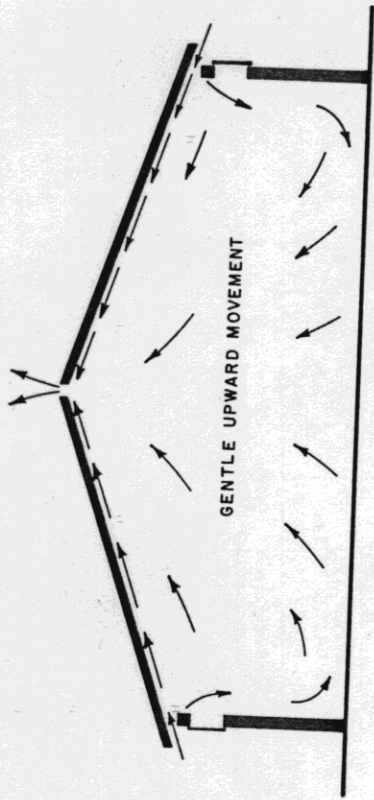


FIG. 1 OPENINGS REQUIRED



WINTER AIR MOVEMENT IN BARN  
FIG. 2 NO WIND OUTSIDE

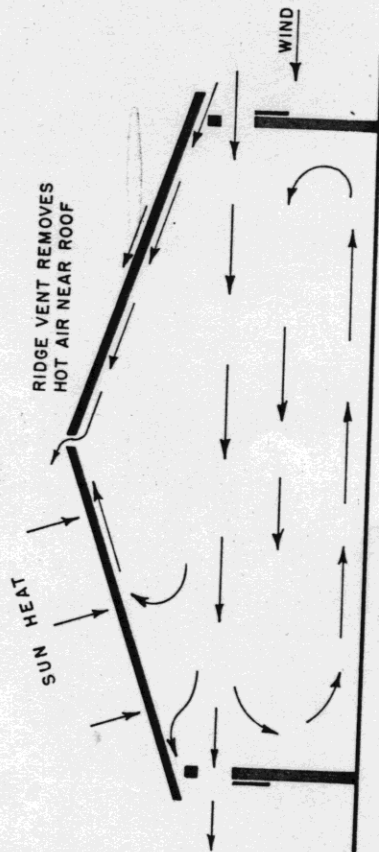


FIG. 3 SUMMER AIR MOVEMENT  
DROP PANELS OPEN

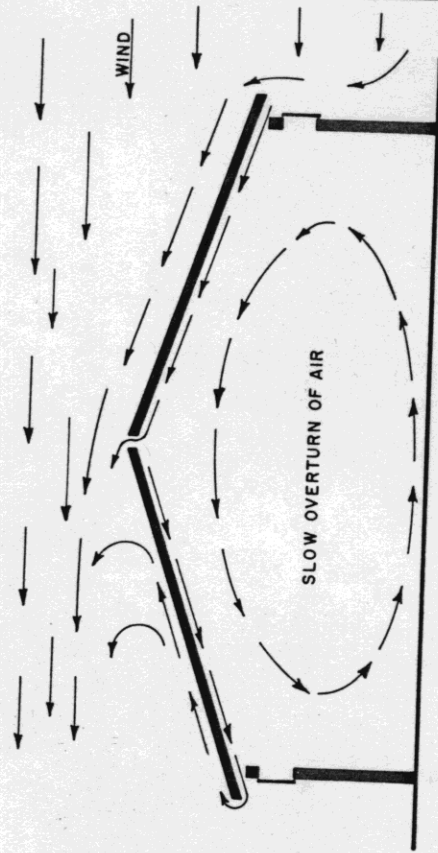
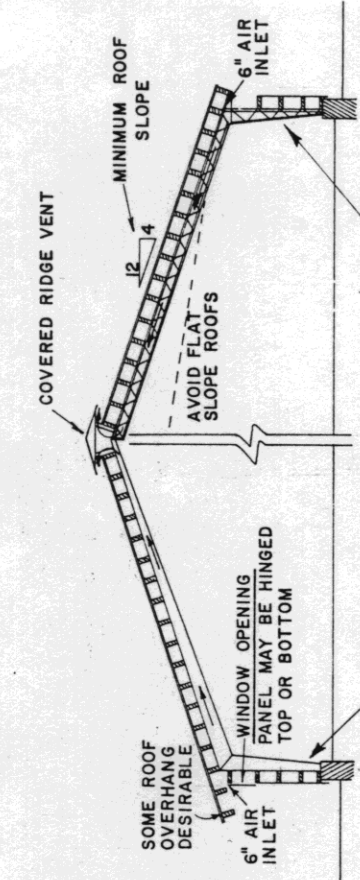


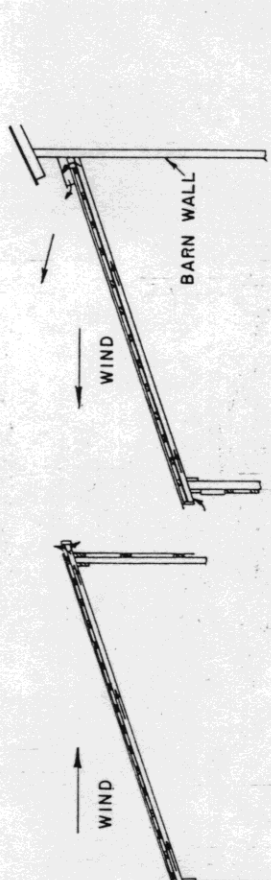
FIG. 4 WINTER AIR MOVEMENT IN BARN  
WIND BLOWING

VENTILATION REQUIREMENTS FOR COLD, CLOSED FREE STALL BARN

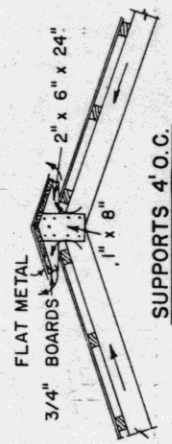
1. RIDGE OPENING - 6" OPENING FOR BUILDINGS UP TO 40' WIDE (MINIMUM OPENING) (CONTINUOUS) OVER 40' WIDE - 1/4" PER 10' OF WIDTH
2. EAVE OPENING - 6" MINIMUM HEIGHT, BETWEEN RAFTERS BOTH SIDES OF BARN
3. DROP PANEL OR WINDOW - CONTINUOUS BOTH SIDES OF BARN 18" TO 24" HIGH
4. RIDGE CAP OPTIONAL - USUALLY 3' TO 4' WIDE
5. RIDGE CAP OPENING - 4" UNDER CAP
6. ROOF SLOPE MINIMUM 4" IN 12"
7. WHITE OR ALUMINUM ROOFING FOR REFLECTIVE COOLING IN SUMMER



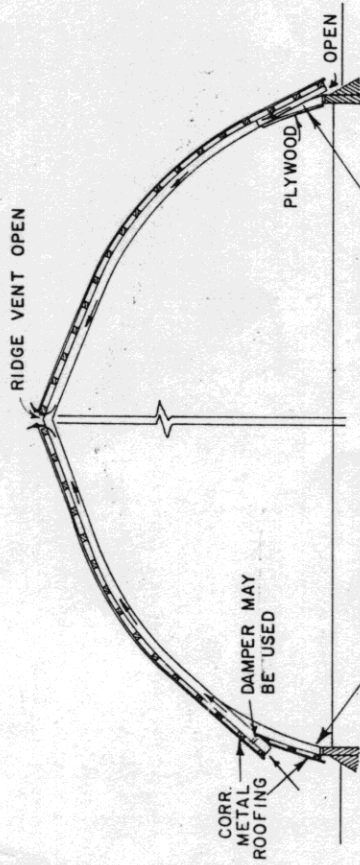
STEEL FRAME FREE STALL BARN  
SHOWS ALTERNATE TYPES OF FRAMES



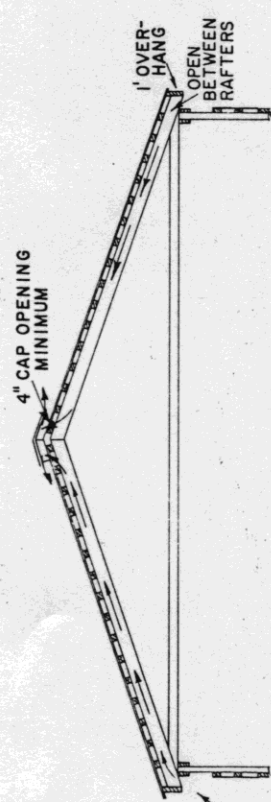
SHED ROOF BUILDING



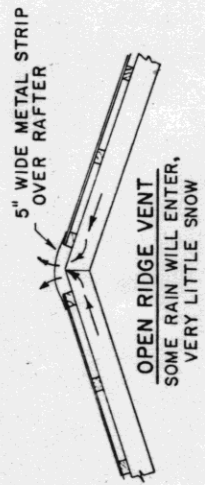
SUPPORTS 4' O.C.



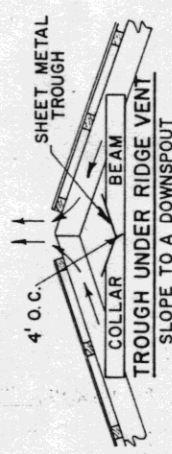
LAMINATED FREE STALL BARN  
ALTERNATE EAVE INLETS SHOWN



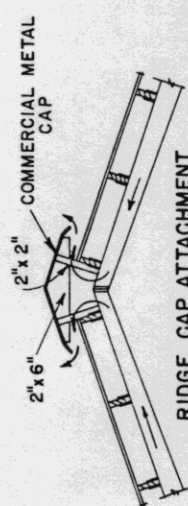
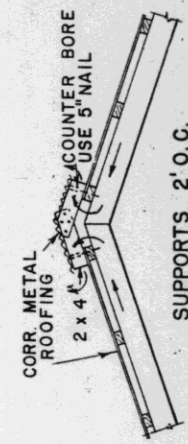
POLE BARN



OPEN RIDGE VENT  
SOME RAIN WILL ENTER,  
VERY LITTLE SNOW



SUPPORTS 2' O.C.



RIDGE CAP ATTACHMENT  
STEEL FRAME BUILDING