



ROOF TRUSS, 26 PSF TOTAL LOAD

NOTE: FOR COLD STORAGE USE 10" LOOSE FILL MINERAL WOOL INSULATION OR EQUIVALENT, R=35 IN CEILING; USE 6" FIBERGLASS INSULATION OR EQUIVALENT, R=25, IN WALLS. VAPOR BARRIERS WITH SEAMS TAPED MUST BE INSTALLED ON INSIDE OF WALLS AND BOTTOM OF CEILING

INLET-EXHAUST HOODS & DAMPERS AS SHOWN IN FIGURE 7, NDSU. EXTENSION CIRCULAR, AE-90, "POTATO STORAGE VENTILATION"

2 FANS EACH 11,000 CFM @ 1/2 STATIC PRESSURE APPROX. 32" - 2 H.P.

ATTIC

TRIANGULAR DUCT

1x6" SHEATHING - 3/8" SPACE 2" UP WALL

18'x18" UNDERFLOOR DUCT

POLYSTYRENE INSULATION BETWEEN WALLS TO KEEP AIR SEPARATE

12" X 5" DUCT TO FEED PRESSURE AIR TO DIAGONAL WALL DUCTS

2 FANS = 11,000 CFM EACH

28,000 CWT POTATO STORAGE		
4 BIN - COLD STORAGE	SCALE 1"=8'	DRAWN BY AR. HUNDSTROM
EXTENSION AGR. ENGINEER		
NORTH DAKOTA STATE UNIVERSITY		
DATE 4-17-73	APPROVED BY N.D. 734-6-7	DRAWING NUMBER 15H