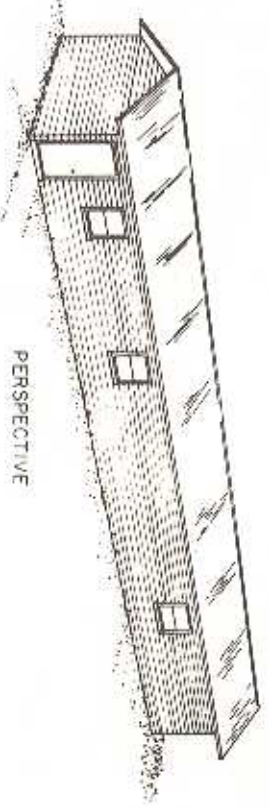


PLAN VIEW
1/4" = 1'-0"



PERSPECTIVE

- NOTES:
1. THIS FACILITY IS DESIGNED TO HOUSE DAIRY CALVES FROM 0-2 MONTHS OF AGE.
 2. VENTILATION: PROVIDE A MINIMUM OF 400 CFM AT ALL TIMES AND A MAXIMUM OF 6000-7000 CFM FOR SUMMER VENTILATION. A VARIABLE SPEED FAN WITH MINIMUM AND MAXIMUMS IN THESE RANGES IS DESIRABLE. FAN CONTROLLER FOR VARIABLE SPEED FAN SHOULD BE SET AT 50°F.
 3. FURNACE SHOULD PROVIDE MINIMUM OUTPUT OF 50,000 BTU PER HOUR. SET THERMOSTAT AT 45°F. TO AVOID CONFLICT WITH VENTILATION SYSTEM. FURNACES BURNING FOSSIL FUELS MUST BE VENTED TO OUTSIDE.
 4. RAFTERS AND CEILING JOISTS DESIGNED ON 1200 PSI MINIMUM FIBER STRESS. DESIGN LOAD: 25 PPF ROOF, 5 PPF CEILING.
 5. PRESSURE TREATED MATERIAL SHOULD HAVE 7.85 PER CUBIC FOOT PRESERVATIVE RETENTION PER ANNA STANDARDS.
 6. WASTE LINE SHOULD PITCH 1/2" PER FOOT TO LAGOON. LAGOON TO BE DESIGNED IN ACCORDANCE WITH RECOMMENDATIONS OF THE LOCAL HEALTH AND BUILDING CODE AUTHORITIES.
 7. FLOORING OVER GUTTER: #9 FLATTENED EXPANDED METAL WITH 1" OPENINGS.

BASED ON: UNIV. OF MISSOURI
PLAN NO. 22-723-C2

COOPERATIVE EXTENSION WORK IN			
AGRICULTURE AND HOME ECONOMICS			
DEPARTMENT OF AGRICULTURAL ENGINEERING			
UNIVERSITY OF MARYLAND			
AND			
UNIVERSITY OF MARYLAND COLLEGE PARK			
DAIRY CALF NURSERY			
MO. 173	EX. 6164	SHEET 1 OF 2	