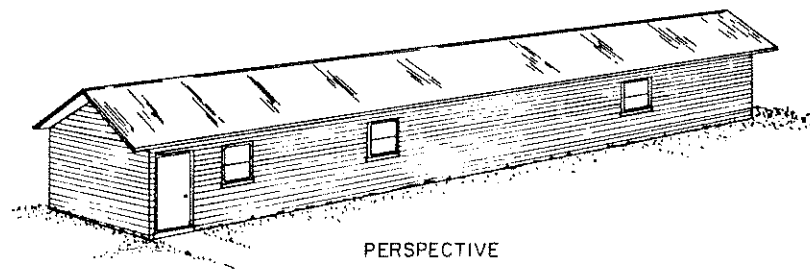


PLAN VIEW
1/4" = 1' 0"

NOTES:

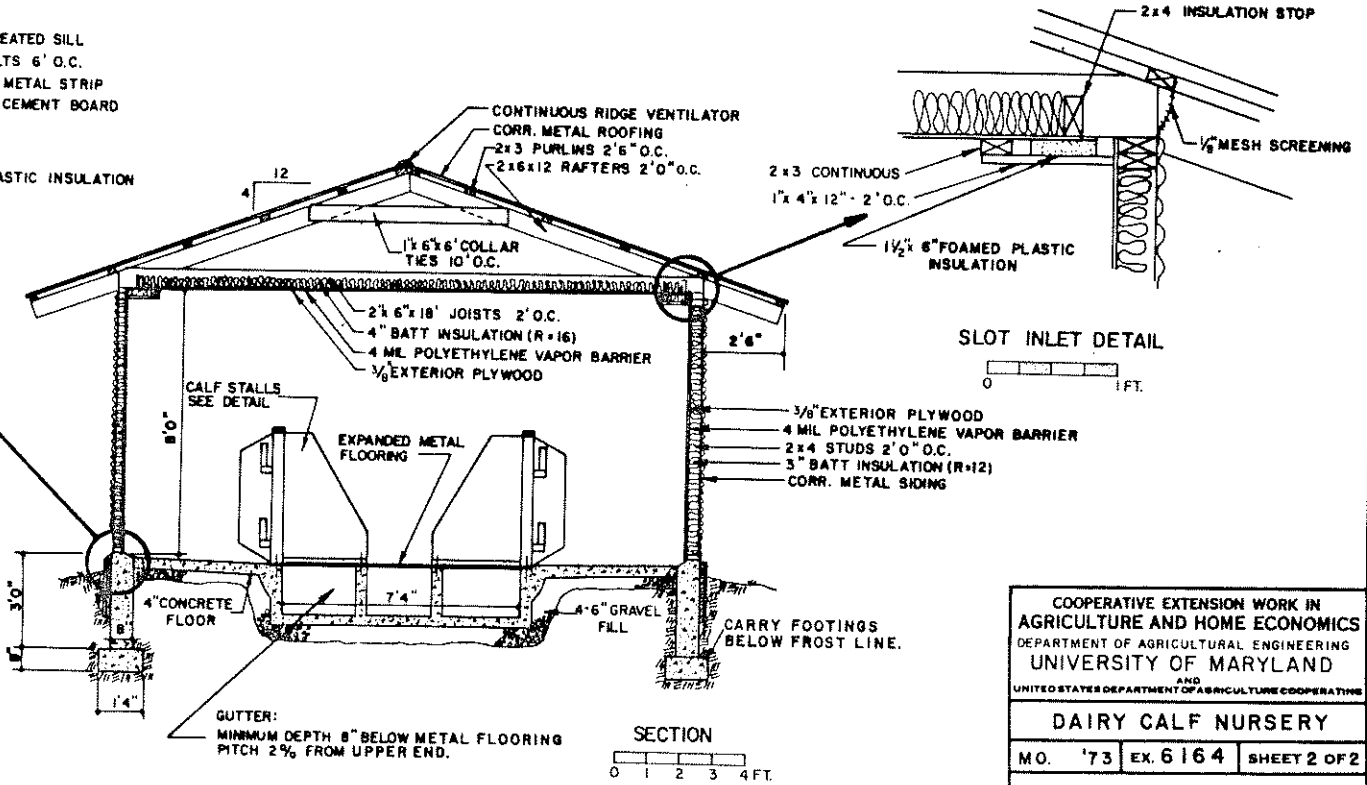
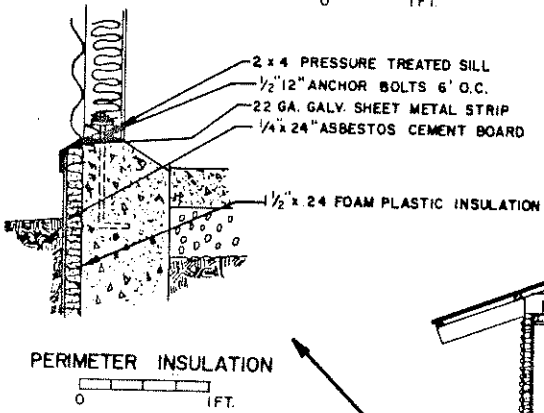
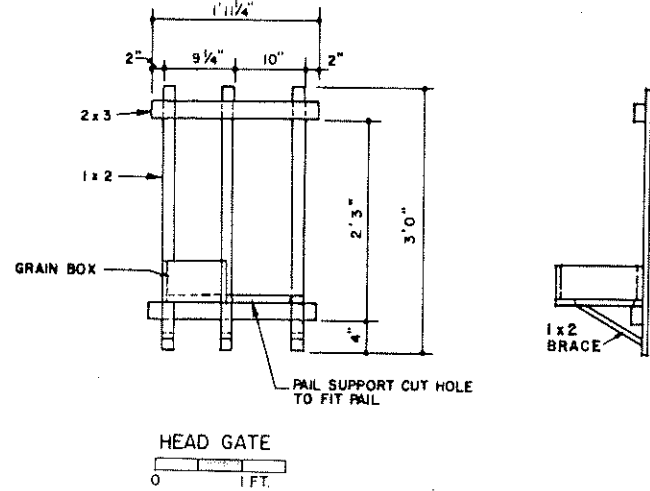
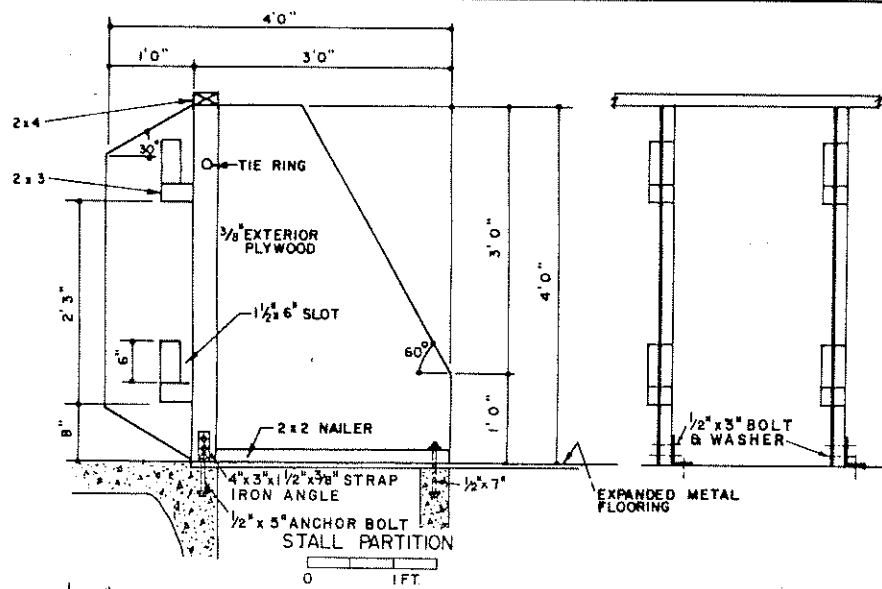
1. THIS FACILITY IS DESIGNED TO HOUSE DAIRY CALVES FROM 0-2 MONTHS OF AGE.
2. VENTILATION: PROVIDE A MINIMUM OF 400 CFM AT ALL TIMES AND A MAXIMUM OF 6000-7000 CFM FOR SUMMER VENTILATION. A VARIABLE SPEED FAN WITH MINIMUM AND MAXIMUMS IN THESE RANGES IS DESIRABLE. FAN CONTROLLER FOR VARIABLE SPEED FAN 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 PSF ROOF, 5 PSF CEILING.
5. PRESSURE TREATED MATERIAL SHOULD HAVE 7 LBS. PER CUBIC FOOT PRESERVATIVE RETENTION PER AWPA STANDARDS.
6. WASTE LINE SHOULD PITCH 1/4" 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.



PERSPECTIVE

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 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING		
DAIRY CALF NURSERY		
M.O.	'73 EX. 6164	SHEET 1 OF 2



COOPERATIVE EXTENSION WORK IN
 AGRICULTURE AND HOME ECONOMICS
 DEPARTMENT OF AGRICULTURAL ENGINEERING
 UNIVERSITY OF MARYLAND
 AND
 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATIVE

DAIRY CALF NURSERY

MO. '73 EX. 6164 SHEET 2 OF 2