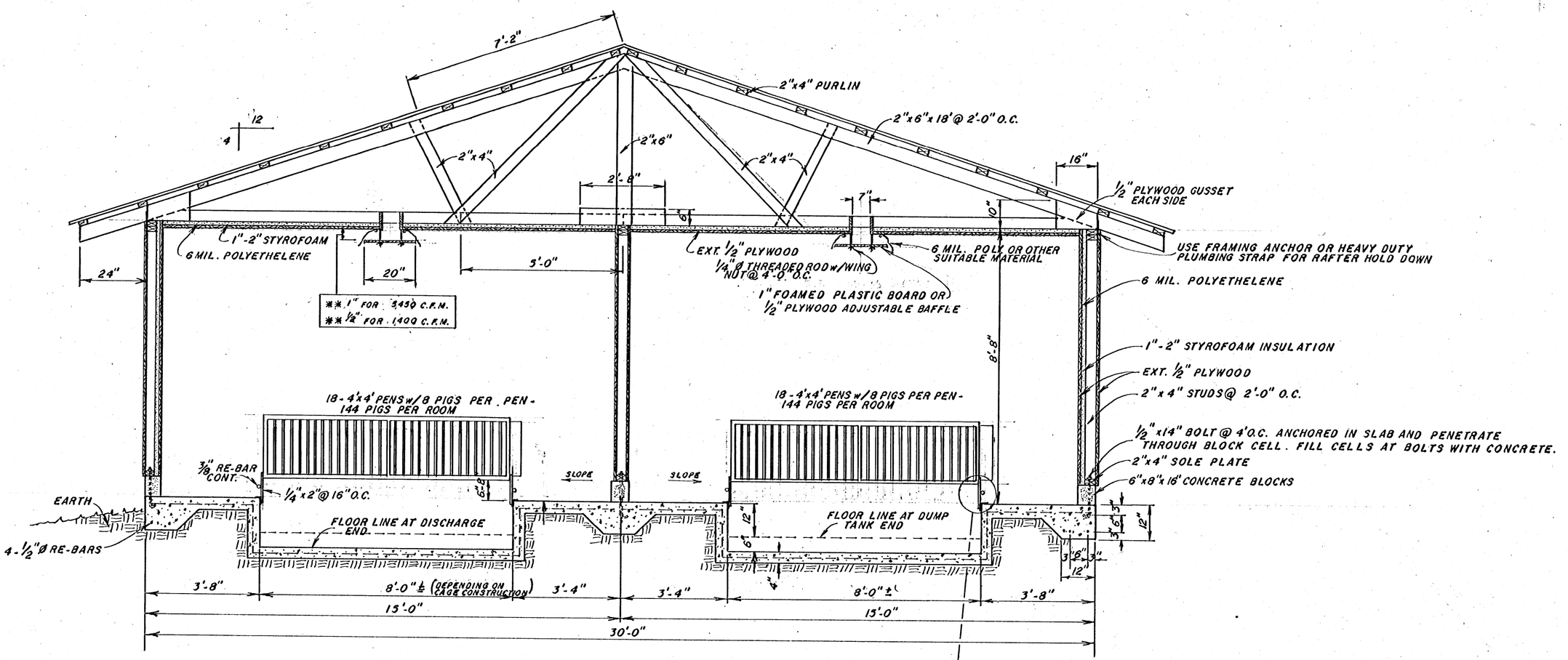
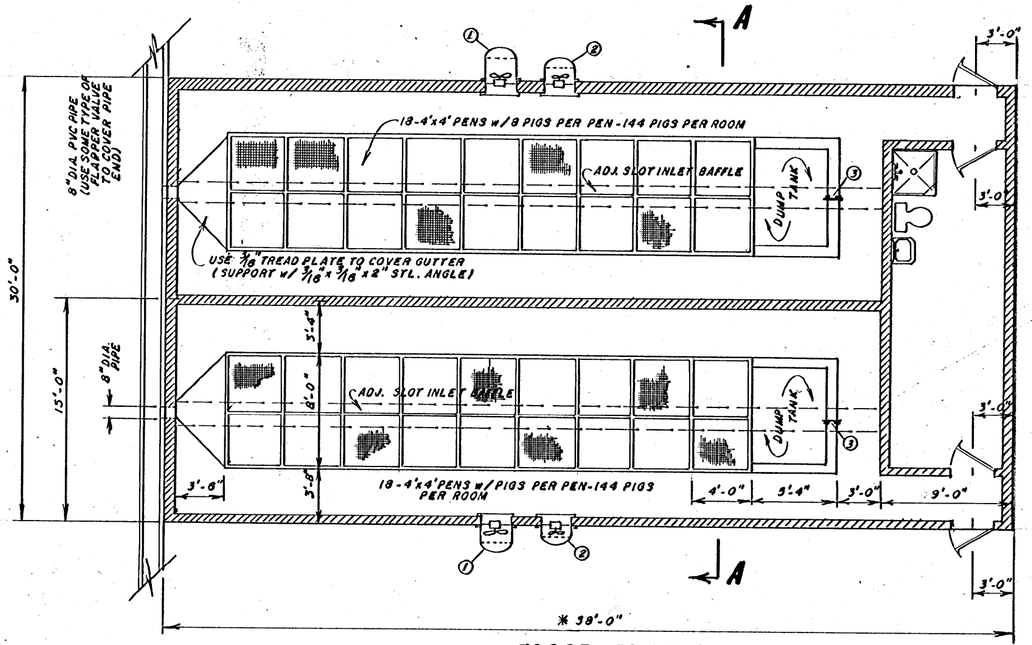


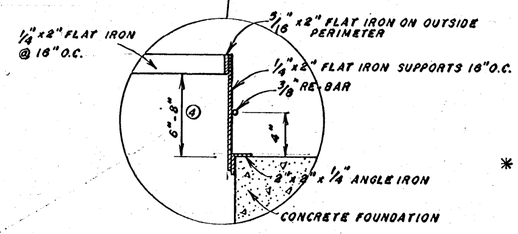
SECTION "AA" THRU NURSERY

Scale: 3/8" = 1'-0"



FLOOR PLAN

Scale: 1/8" = 1'-0"



2" FOAMED PLASTIC	
CEILING	5930 BTU/HR
WALLS	4256 BTU/HR
AIR CHANGE - 225CFM MIN.	17000 BTU/HR
TOTAL	27190 BTU/HR
1" FOAMED PLASTIC	
CEILING	9737 BTU/HR
WALLS	6512 BTU/HR
AIR CHANGE - 225CFM MIN.	17700 BTU/HR
TOAL	33250 BTU/HR

NOTES

* IF THE IRON DUMP TANK STAND IS USED THIS DIMENSION CAN BE 4'-4" AND THE OVERALL BUILDING LENGTH REDUCED ONE FOOT.

① VARIABLE SPEED FAN - AAA VGP - 14123 - 225CFM. MINIMUM - 3380 CFM MAXIMUM.

② SINGLE SPEED FAN - AAA SGP - 1833 - 4054CFM.

③ FAN CONTROL BOARD CONSISTING OF:

- A. VARIABLE SPEED CONTROL - RANCO E-31 TO CONTROL NO. 1 FAN.
- B. THERMOSTAT - 040 - 104 RANCO VENTILATING THERM.
- C. SWITCHES AS PREFERRED TO MANUALLY CONTROL FANS.
- D. DUPLEX CONVIENCE OUTLETS AS PREFERRED.

** THE 1" OPENING IN SLOT INLET IS FOR A MINIMUM WINTER VENTILATION RATE OF 225 CFM AND A MAXIMUM SUMMER RATE OF 3450 CFM. - 1.4 CFM PER PIG MINIMUM AND 38CFM MAXIMUM.

④ IT IS SUGGESTED THAT THE CAGE DECKS BE ERECTED 6"-8" ABOVE THE FLOOR. THIS WILL HELP CONTROL DRAFTS OVER THE PIGS.

FLOOR PLAN & SECTIONS — PL. NO. 6355 A

PIG CAGE NURSERY

144 PIGS PER ROOM - TOTAL OF 288

MCES Mississippi Cooperative Extension Service
Mississippi State University
USDA and Counties Cooperating

DESIGN BY LEE MILLER
DRAWN BY JERRY BINGHAM
DATE JANUARY 10, 1983

SHEET 1 OF 1