GENERAL NOTES
1. THIS BUILDING IS DESIGNED FOR BROODING OF REPLACEMENT PULLETS AT A MINIMUM DENSITY OF ONE BIRD PER SQUARE FOOT. INSULATION DESIGN IS BASED ON THE ECONOMICAL UTILIZATION OF ELECTRICAL ENERGY AS A HEAT SOURCE.
2. EXHAUST TYPE VENTILATING FANS SHOULD BE INSTALLED TO PROVIDE A TOTAL OF 1 CFM PER POUND OF LIVE WEIGHT AT MATURITY. RECOMMENDED CONTROL OF THIS AIR IS AS FOLLOWS:
   1/4 CFM PER POUND - THERMOSTAT AND TIMER
   1/6 CFM PER POUND - THERMOSTAT
   1 CFM PER POUND TOTAL
3. PROVIDE VENTILATION OVER THE CEILINGS INSULATION WITH EITHER GABLE END VENTILATION OR A CONTINUOUS RIDGE VENTILATOR.
4. PRESSURE TREATED MATERIAL SHALL HAVE A MINIMUM PRESERVATIVE RETENTION OF 7 LBS. PER CUBIC FOOT AS PER A.J.M.P.A. STANDARDS.
5. ALL GIRDERS AND POSTS TO BE CONSTRUCTION GRADE DOUGLAS FIR.
6. CONCRETE SHOULD BE AN AIR ENTRAINMENT MIXTURE CONTAINING 6% AIR, 6 SACKS OF CEMENT PER CUBIC YARD, AND 6 GALLONS OF WATER PER SACK OF CEMENT.
7. ALL PLYWOOD SHALL BE GRADE STAMPED EXTERIOR TYPE, INTERIOR GRADE PLYWOOD WITH EXTERIOR GLUE SHOULD NOT BE USED.
8. RECOMMENDED ROOM TEMPERATURES DURING BROODING ARE AS FOLLOWS:
   DAY TEMPERATURE (°F)
   1-4  92°
   5-9  90°
   9-28 DECREASE 1° PER DAY TO 70°
   29-37 DECREASE 1° EVERY OTHER DAY TO 55°
   50- 55°
9. INITIAL VENTILATION NEEDS DURING THE BROODING PERIOD WILL BE SATISFIED BY NORMAL INFLATION OF AIR. THIS EFFECT MAY BE EXPECTED TO PERSIST FOR APPROXIMATELY THREE WEEKS DURING

PULLET REARING HOUSE

10. THE ABOVE TEMPERATURE AND VENTILATION SCHEDULE WILL RESULT IN A HEAT REQUIREMENT OF APPROXIMATELY 5000 BTU PER BIRD FOR THE BROODING PERIOD STARTING JANUARY 15. THESE CALCULATIONS ARE BASED ON AVERAGE TEMPERATURE DATA FOR THE 10 YEAR PERIOD 1957-1966 AT THE BRADBURY FIELD WEATHER STATION.
11. THE DEPARTMENT OF AGRICULTURAL ENGINEERING IS INDEBTED TO MR. JOSEPH BRUMBACH, STATE CLIMATOLOGIST, FOR CALCULATION OF TEMPERATURE DATA AND TO THE UNIVERSITY OF CONNECTICUT COMPUTER CENTER FOR THEIR ASSISTANCE IN EVALUATING HEATING REQUIREMENTS AND INSULATION DESIGN.