COLD WEATHER:
Use time clock to operate.
Fan 2 approx. 20% of time.
(2 min. in 10 min.)
FAN 1
1) MIN. IN 101 FOR MOISTURE
REMOVAL AND TO MAINTENANCE
55-70% HUMIDITY IN BUILDING
MAINTAIN TEMPERATURE AT
60-70°F.

WIRING DIAGRAM

FUSE
SWITCH
2 STEP THERMOSTAT (5°F DIFF.)
HIGH SIDE
10 MIN. RECYCLING TIMER
LOW SIDE
POWER INPUT

HOT WEATHER:

Fan 2 controlled by low
side of 5°F differential.
Step thermostat, fans 1 & 3
controlled by high side.

NOTES FOR FLUSH TANK:
1. Form curved splash surface with concrete
blocks and concrete.
2. Fill all cores with concrete, place ¾" bolts
when filling cores.
3. Use 12 gauge sheet metal, weld continuously to avoid leakage. Tack-weld
frame to tank with 5 welds spaced
8" O.C.
4. Use epoxy paint with appropriate primer.
5. Adjust shaft as needed to balance tank weights may be
needed for final balancing.

ELECTRICAL NOTES:
ALL FANS: 6000 CFM AT ½" S.P.

MARK
DESCRIPTION
0 HO-120V RECPT. MOUNTED
IN CEILING
O CEILING OUTLET
* DOUBLE POLE SWITCH

FLUSH TANK

CONC. BLOCK
CONC. BLOCK
CAP BLOCK
CAP BLOCK
5' X 3' X 3' ANGLE IRON
5' X 3' X 3' ANGLE IRON
CAP BLOCK
CAP BLOCK

WALL
1 ½" SHAFT
6" X 8" X 16" CONC. BLOCK
6" X 8" X 16" CONC. BLOCK

United States Department of Agriculture Cooperating
Farrowing House - 20 Stalls
AL '83 EX 6352 SHEET 1 OF 3