NOTES:

LENGTH OF BUILDING MAY BE VARIED IN UNITS OF 16 FEET.

ALL POSTS AND WOOD IN CONTACT WITH THE GROUND TO BE PRESSURE-TREATED WITH PRE-
SERVATIVE TO A RETENTION OF 6 LBS. PER
CU. FT.

FRAMING AROUND FAN SHOULD BE CUT TO FIT
SIZE OF FAN USED.

THE NESTS ARE BUILT IN SECTIONS SO THEY
CAN BE REMOVED AND THOROUGHLY CLEANED
BETWEEN FLOORS.

EQUIP WITH AN ADEQUATE LIGHTING PRO-
TECTION SYSTEM WHERE NEEDED.

PANEL CONSTRUCTION:
2 X 4 FRAME COVERED ON BOTH SIDES WITH
3/8 EXTERIOR PLYWOOD INSIDE OF PANEL
TO HAVE 2 X 4 TO 6 ML POLYETHYLENE VAPOR BARRIER
NEXT TO THE INSULATION.

VENTILATION REQUIREMENTS:

FOR WINTER OPERATION:
TURN BOTH SINGLE POLE SWITCHES "ON".
SET NO. 1 THERMOSTAT AT 20°-25° AND NO. 2 THER-
MOSTAT AT 40°-45°. ADJUST RECIRCULATING TIMER
TO OPERATE FANS ABOUT 1/5 OF TIME WHEN NO.
1 THERMOSTAT IS OFF.

FOR SUMMER OPERATION:
TURN NO. 5 SINGLE POLE SWITCH TO "OFF",
POSITION TO STOP MOTOR IN TIMER. SET NO. 1
THERMOSTAT AT ABOUT 60°.

USE A SET OF THE CONTROLS (SEE DIAGRAM
BELOW) FOR EACH PAIR OF FANS.

FAN CAPACITY, 4.5 CFM PER BIRD.

WIRING DIAGRAM FOR FANS SHOWN BELOW.

WIRING REQUIREMENTS:

100 FT. CIRCUIT WITH 60 W. LAMP
EACH 16 FT. = 360 W. = NO.12 WIRE.

150 FT. CIRCUIT WITH 60 W. LAMP
EACH 16 FT. = 360 W. = NO.12 WIRE.

200 FT. CIRCUIT WITH 60 W. LAMP
EACH 16 FT. = 360 W. = NO.12 WIRE.

FOR CIRCUITS OVER 200 FT. CONSULT ENGINEER
OR POWER SUPPLIER.

LOCATE ENTRANCE EQUIPMENT AND DISTRIBUTION
PANEL AT MIDDLE OF THE BUILDING WHEN LENGTH
EXCEEDS 200 FT.

LOW LIMIT
SINGLE POLE
THHERMOSTAT NO. 2

NOT
120 VOLTS

THERMOSTAT NO. 1

FAN MOTOR

RECYCLING TIMER

SINGLE POLE
SWITCH NO. 2

WIRING DIAGRAM FOR CONTROLLING FANS.

LEGEND:

S - THREE-WAY SWITCH
O - 60 WATT LAMP WITH REFLECTOR
O - ROOF VENTILATORS SUMMER USE ONLY

PLAN

SCALE: 1/4" = 1 FT.

END WALL CONSTRUCTION SIMILAR TO SIDEWALL
PANELS.

SLATTED OR WIRE FLOOR

ROOF VENTILATORS FOR SUMMER USE ONLY,
NOT OVER 30° APART, SIZE 10" DIAMETER

FRAME FOR 7'-6" X 7'-0"
MAN DOOR

7'-6" X 6'-0" DOORS
INSULATED (SEE DETAILS)

NESTS - REMOVABLE PANELS AT ENDS OF BOTH
ROOF AREAS TO HEIGHT OF 7-6
FOR CLEANING.