DISTRIBUTION DUCT

30-4"Dia. Holes Cut In Side Of Duct & Spaced 15" O.C.

LOCATION OF ALL THERMOSTAT CONTROLS

THERMOSTAT | TYPE | SETTING
--- | --- | ---
Safety | Close On Rise | 55°F
Halogen | Open On Rise | 65°F
Fan - Nominal | Solid State Panel | 70°F
Cooler Fan | Close On Rise | 78°F
Cooler Water Pump | Close On Rise | 80°F

HEATING OPTIONS - GROWER
A: 100,000 Btu/Hr (Minimum) Gas-Fired Heater With A Fan Throw Of 20'-30'
B: 2 - 40,000 Btu/Hr Electric Heaters With A Fan Throw Of 20'-30'

HEATING OPTIONS - FARROWING
B: 100,000 Btu/Hr (Minimum) Gas-Fired Heater With A Centrifugal Fan Capable Of Air Delivery At 1/3 Static Pressure
C: 2 - 40,000 Btu/Hr (Minimum) Electric Heaters With A Fan Throw Of 50'-70'

HEATING PLAN

POWER PANEL - Provide Separate Circuits For:
- Feed Augers
- Each Exhaust Fan
- Each Evaporative Cooler
- Heat Lamp Outlets (5 Duplex Outlets Per 20Amp Circuit, Max.)
- Continuous Lighting & Gas Fired Heaters
- All Other Lighting & Convenience Outlets As Req'd

SYMBOLS & LEGEND
- Ceiling Mounted Duplex Outlet For Heat Lamps
- Duplex Outlet
- Switch Controlled Outlet For Feed Augers
- Controlled Lighting - Farrowing
- Controlled Lighting - Grower
- Continuous Lighting

ELECTRICAL PLAN


The Warning System Should Activate A Battery Operated Bell At The Operator's Residence

2. A Stand-By Generator Capable Of Picking Up The Entire Electrical Load Is Recommended

3. The Building Foundation & Pit Walls May Be Formed By Trenching (As Shown), By Forming, Or By Concrete Masonry Construction.

4. Wiring Material May Be Corrugated Metal Placed Longitudinally, Vertical Joints Coupled As Shown, Or Any Other Impact Resistant Material Which Will Not Be Damaged By High Pressure Water Cleaning

5. Building Should Be Adequately Protected From Lightning

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE
COORDINATING OFFICE

FARROWING HOUSE
FOR 30 SOWS

OK 76
6247 SHEET 5 OF 5