

FIELD WIRING

DEVILBISS DRIVE THRU

FIELD WIRING NOTES

FOR REFERENCE ONLY. MAY NOT APPLY TO YOUR SYSTEM. ALL WORKMANSHIP, MATERIALS AND LOCATION OF COMPONENTS MUST APPLY WITH THE NATIONAL ELECTRIC CODE.

- 1) MOUNT CONTROL PANEL AND DISCONNECT MINIMUM 18' ABOVE FLOOR, AND MORE THAN 3' FROM ANY DOOR. NEC 70-513.
- 2) LOCATE 5s PULL BOX FOR EACH HEAT ZONE, SO THAT NO BRANCH CIRCUIT FROM BOX TO HEATERS EXCEEDS 10'. NEC 70-240-21.
- 3) CONNECT EACH 5s PULL BOX TO CONTROL PANEL WITH 3/4" EMT AND RUN 1/2" EMT OR FLEX TO EACH HEATER.
- 4) RUN 1/2" EMT TO EACH EXHAUST FAN FROM CONTROL BOX.

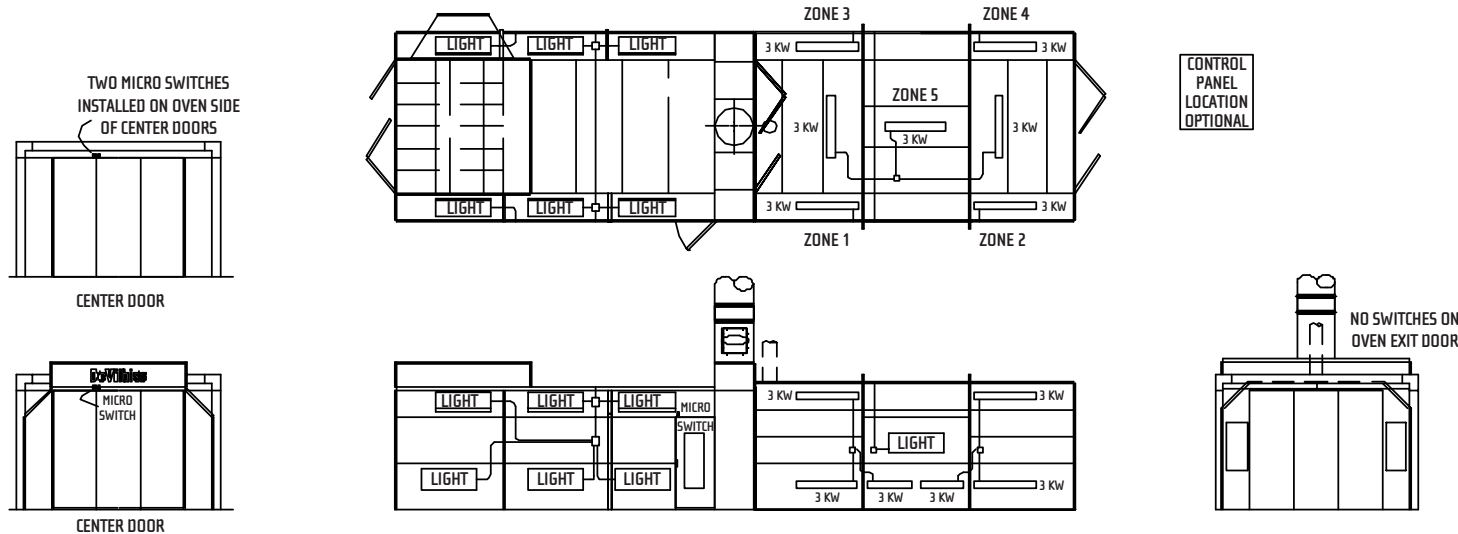
- 5) PULL 3 #8 THHN TO EACH ZONE 5s PULL BOX. CONNECT #8 WIRES TO HEAT RELAYS.
- 6) USE 2 #12 THHN TO EACH HEATER FROM THE ZONE PULL BOX.
- 7) REFER TO CONTROL DRAWING FOR PROPER PHASE HOOKUP OF THE #12 HEATER WIRES TO THE #8 FEEDERS IN THE ZONE PULL BOX.
- 8) USE #12 THHN WIRES TO CONNECT EXHAUST FANS TO THE STARTERS.
- 9) MOUNT DOOR LIMIT SWITCH AS SHOWN, AND RUN 1/2" RIGID AT LEAST 3' BEYOND DOOR OPENING. USE A SEAL-OFF AND CONTINUE TO CONTROL BOX WITH 1/2" EMT.

PULL 2 #16 MTW WIRES FROM CONTROL BOX. CONNECT DOOR SWITCHES IN SERIES.

10) WIRE ALL FLUORESCENT LIGHTS FROM A SEPARATE 120V SOURCE (NOT THROUGH CONTROL PANEL). LOCATE ON/OFF SWITCHES AT LEAST 3' FROM BOOTH DOORS.

11) USE CONTROL WIRING DIAGRAM TO REFERENCE ALL CONNECTIONS INSIDE PANEL.

* IF YOU HAVE ANY QUESTIONS, PLEASE CALL FACTORY *



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