

# 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.

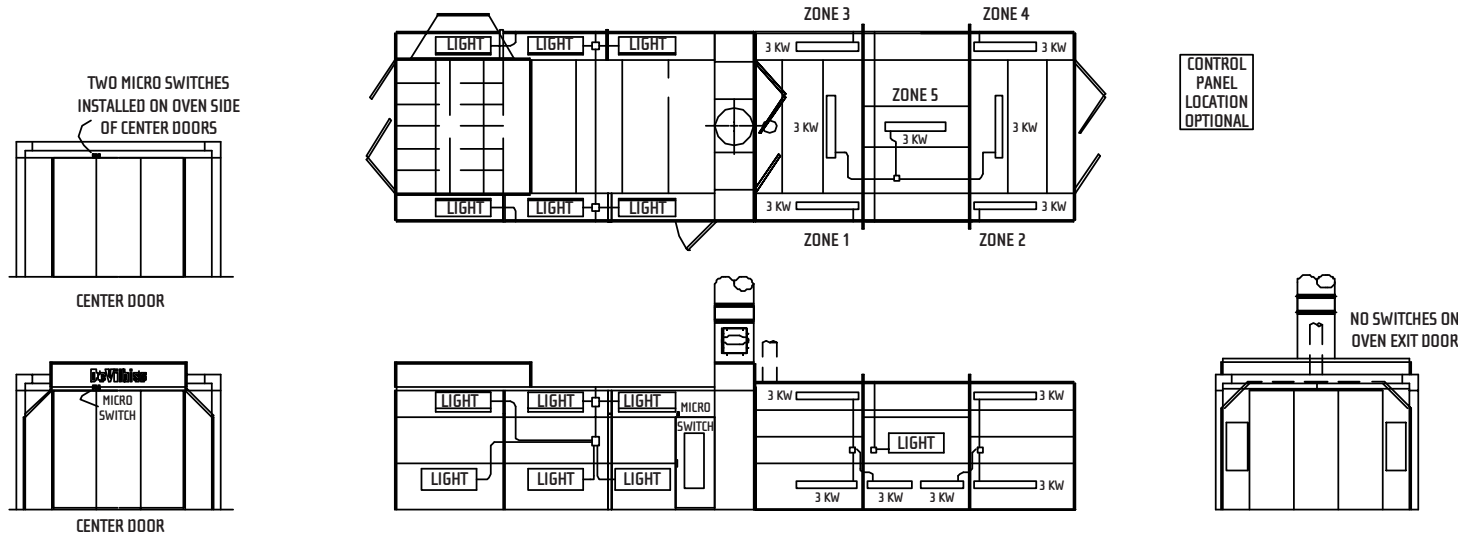
- 5) PULL 3 #8 THHN TO EACH ZONE 5s PULL BOX. CONNECT #8 WIRES TO HEAT RELAYS.
- 6) USE 2 #12 THHN TO EACH HEATER FROM THE ZONE PULL BOX.
- 7) REFER TO CONTROL DRAWING FOR PROPER PHASE HOOKUP OF THE #12 HEATER WIRES TO THE #8 FEEDERS IN THE ZONE PULL BOX.
- 8) USE #12 THHN WIRES TO CONNECT EXHAUST FANS 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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