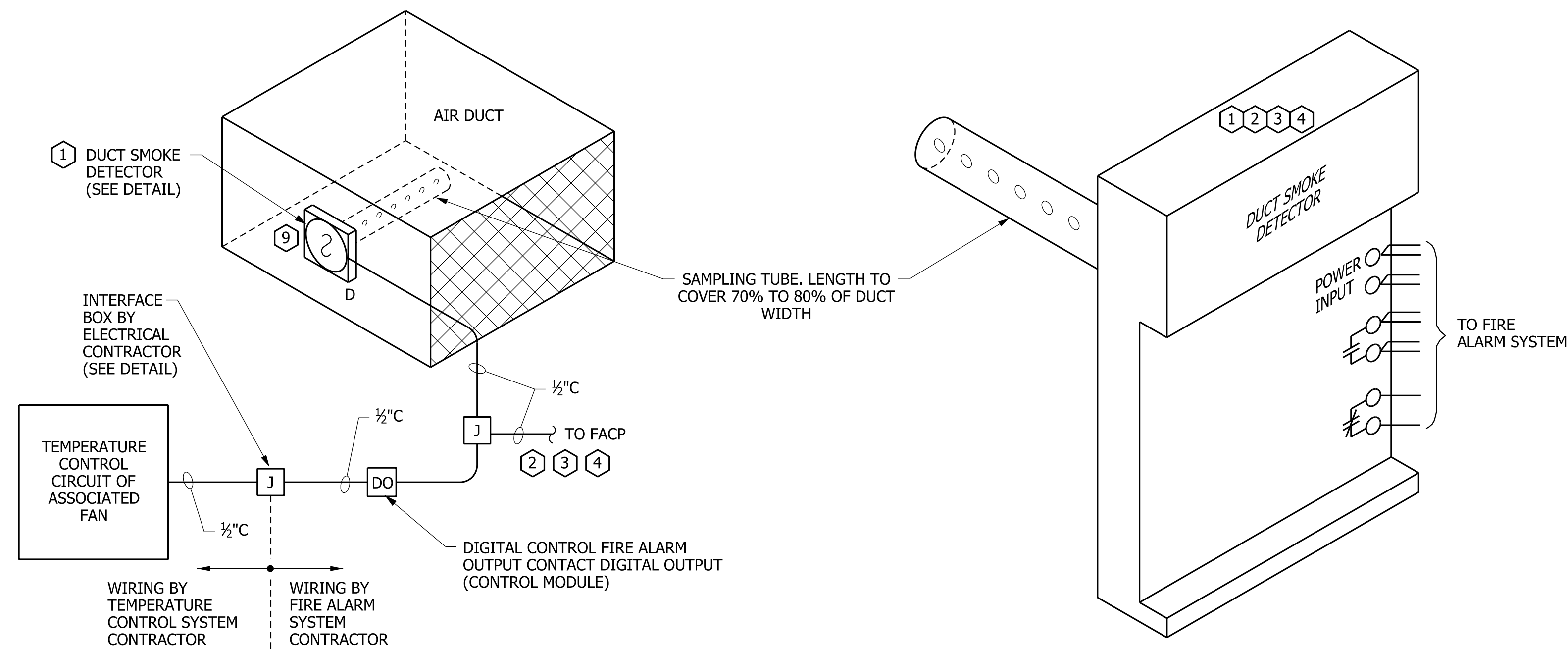
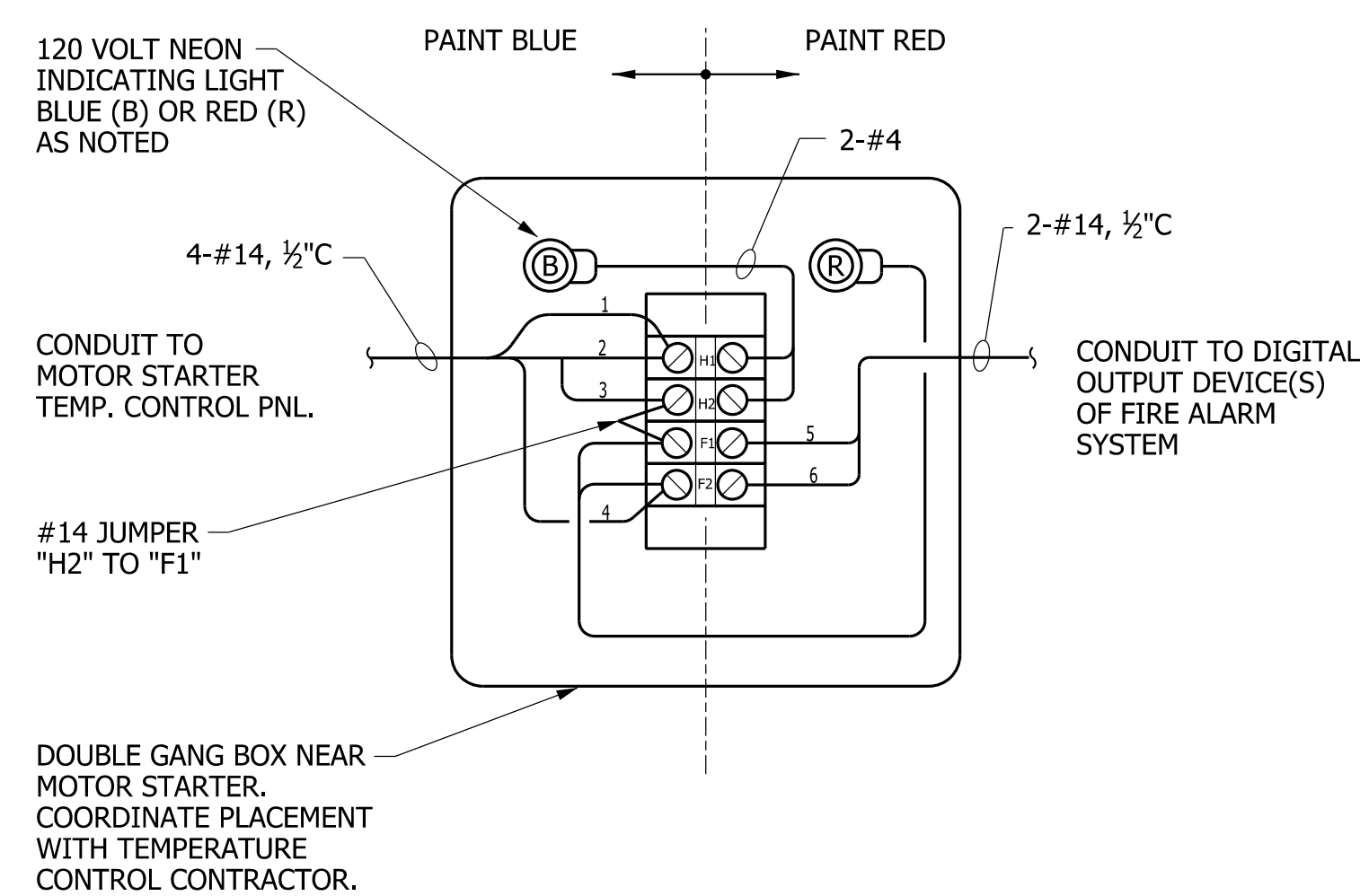




INTERFACE CIRCUIT LAYOUT

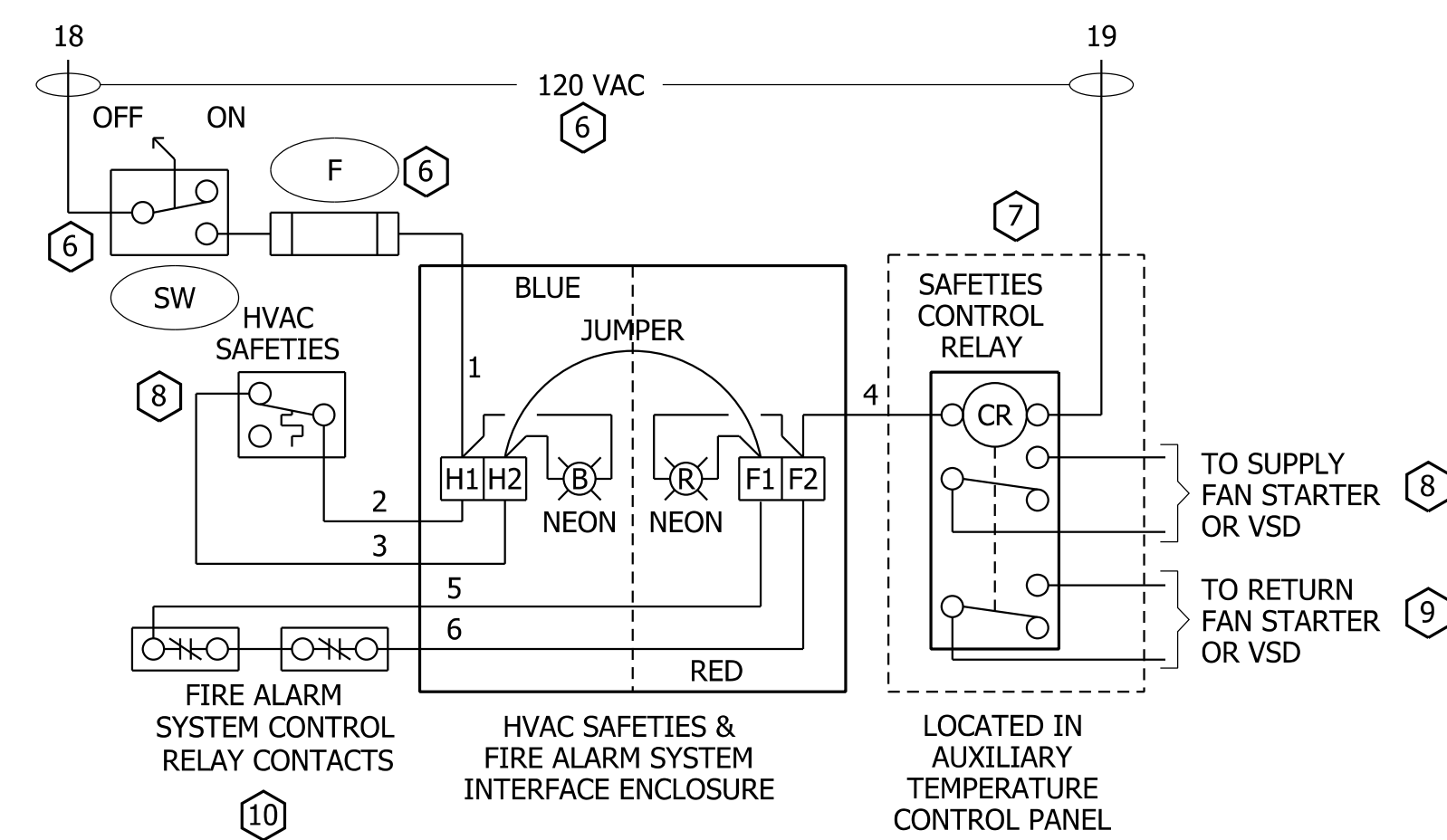
NO SCALE

DUCT SMOKE DETECTOR INSTALLATION DETAIL



**FIRE ALARM TO TEMPERATURE CONTROL
INTERFACE BOX DETAIL**

NO SCALE



INTERFACE BOX WIRING DETAIL

NO SCALE

REFERENCE NOTES

- 1 DETECTOR SHALL BE SUPPLIED AND WIRED BY THE FIRE ALARM SYSTEM CONTRACTOR.
- 2 DETECTOR SHALL ASSIGNED IT'S OWN ADDRESS IN THE ADDRESSABLE FIRE ALARM SYSTEM
- 3 DETECTOR SHALL BE RESETTABLE FROM THE FIRE ALARM CONTROL PANEL.
- 4 UPDATE FIRE ALARM SYSTEM ADDRESS LIST FOR EACH DUCT SMOKE DETECTOR AND DIGITAL CONTROL DEVICE.
- 5 DETECTOR SHALL BE SIMILAR TO OTHER PHOTO ELECTRIC SMOKE DETECTORS IN DLG.
- 6 PART OF MOTOR STARTER
- 7 PART OF TEMPERATURE CONTROL PANEL.
- 8 PART OF TEMPERATURE CONTROL/FAN SYSTEM.
- 9 PRESENT ONLY WHEN REQUIRED BY HVAC DESIGN.
- 10 CONTACT IS IN FIRE ALARM SYSTEM CONTROL RELAY,

GENERAL NOTES

- A. EXACT NUMBER OF CONDUCTORS DEPENDENT OF FIRE ALARM SYSTEM BEING USED. CONFIRM NUMBER AND TYPE REQUIRED AT EACH LOCATION WITH FIRE ALARM SYSTEM SUPPLIER.
- B. USE 4" SQUARE DEEP BOX WITH 4 TERMINAL, TERMINAL STRIP INSTALLED INSIDE. STRIP TO BE 120 VOLT RATED.
- C. INTERFACE BOX AND CONTROLLED OUTPUT DEVICE (OF FIRE ALARM SYSTEM) SHOULD BE CLOSE TO MOTOR STARTER OR TEMPERATURE CONTROL PANEL.
- D. PAINT INTERFACE BOX EXTERIOR AND COVER RED AND BLUE; FIRE ALARM SYSTEM HALF IS RED, TEMPERATURE CONTROL SIDE IS BLUE
- E. PLACE AND INSTALL DUCT SMOKE DETECTOR IN AN ACCESSIBLE LOCATIONS, AND IN FULL COMPLIANCE WITH SMOKE DETECTOR MANUFACTURER'S PLACEMENT AND INSTRUCTIONS.

ADDRESSABLE (INTELLIGENT) FIRE ALARM SYSTEM DEVICE INTERCONNECTION DETAIL DUCT SMOKE DETECTOR INTERFACE CONNECTION TO TEMPERATURE CONTROLS

NO SCALE

28310006.dgn