DETECTOR
DUCT SMOKE
1
BY CONTRACTOR
OWNER, INSTALLED
PROVIDED BY
INTERFACE BOX.

FAN
ASSOCIATED
CIRCUIT OF
CONTROL
MOTOR

“C
1
2
WIRING BY
TEMPERATURE
CONTROL SYSTEM
CONTRACTOR

WIRING BY
FIRE ALARM
SYSTEM
CONTRACTOR

J
D U C T S M O K E
D E T E C T O R
NOT USED
A U X.
A L A R M
C O N T A C T
T R O U B L E
C O N T A C T
A L A R M
I N P U T
P O W E R
A L A R M SYSTEM
TO FIRE
SYSTEM

NO SCALE

REFERENCE NOTES

1. DETECTOR SHALL BE SUPPLIED AND DEVICE CONNECTIONS MADE BY THE FIRE ALARM SYSTEM CONTRACTOR.
2. DETECTOR SHALL BE WIRING TO ITS OWN ZONE, OR SHALL BE ASSIGNED ITS OWN ADDRESS IN THE ADDRESSABLE FIRE ALARM SYSTEM.
3. DETECTOR SHALL BE RESETTABLE FROM THE FIRE ALARM CONTROL PANEL.
4. UPDATE FIRE ALARM SYSTEM ANNUNCIATOR AND ZONE/ADDRESS LIST FOR EACH DUCT SMOKE DETECTOR.
5. CABLE & CONDUIT FOR DETECTOR & INTERFACE BOX SHALL BE FURNISHED BY ELECTRICAL CONTRACTOR. DETECTOR LOCATION AND TEMPERATURE CONTROL WIRING TO INTERFACE BOX SHALL BE INSTALLED BY THE TEMPERATURE CONTROLS CONTRACTOR.
6. USE 4” SQUARE DEEP BOX WITH 4 TERMINAL, TERMINAL STRIP INSTALLED INSIDE; STRIP TO BE 120 VOLT RATED.
7. INTERFACE BOX AND CONTROLLED OUTPUT Device of FIRE ALARM SYSTEM SHOULD BE CLOSE TO MOTOR STARTER OF ASSOCIATED FAN SYSTEM.
8. PAINT INTERFACE BOX EXTERIOR AND COVER RED AND BLUE; FIRE ALARM SYSTEM HALF IS RED, TEMPERATURE CONTROL SIDE IS BLUE.
9. PLACE AND INSTALL DUCT SMOKE DETECTOR IN AN ACCESSIBLE LOCATION, AND IN FULL COMPLIANCE WITH SMOKE DETECTOR MANUFACTURER’S PLACEMENT AND INSTRUCTIONS.