

ITEM. ELECTRICAL DISCONNECT (WITH MANUAL SWITCH)

FLEX CONDUIT (OUT OF AIRSTREAM) DAMPER BLADES

DAMPER FRAME

BELIMO ACTUATOR (OUT OF AIRSTREAM, ON DUCT EXTERIOR)

DAMPER SHAFT

DAMPER SLEEVE

CONVENTIONAL MOUNTING ANGLES (TYP. FOR 4)

SLEEVE TO DUCT CONNECTION

DAMPER POSITION INDICATOR (SEE NOTE (F)):
ARROWS HORIZONTAL - DAMPER OPEN (F):
ARROWS VERTICAL - DAMPER CLOSED (F):

FIRE/SMOKE RATED WALL

FIRE RATED CAULKING BETWEEN SLEEVE AND WALL

13.

HEAT DETECTOR - PER UL555S

DAMPER ACCESS DOOR IN DUCT — SIZE AS SPEC 24"x24" ACCESS DOOR IN CEILING TO ACTUATOR DISCONNECT SIZE AS SPECIFIED

NOTES:

MOUNT FIRE/SMOKE DAMPER ACTUATORS OUTSIDE DUCTWORK. CEILING ACCESS TO ALL DETECTORS AND ACTUATORS MUST BE LARGE ENOUGH TO ALLOW SERVICING REPLACEMENT AND REPAIR PER NFPA 72 SECTION 5.4.4

SMOKE DETECTOR RELAYS AND DAMPER ACTUATORS SHALL BE RATED AT 120 VOLTS AND CONNECTED TO "NORMAL" POWER

FIRE/SMOKE DAMPERS SHALL BE "FAIL SAFE" AND CLOSE UPON LOSS OF NORMAL POWER

ALL CONDUCTORS MUST BE TERMINATED AND/OR SPLICED PROPERLY IN DEVICES AND JUNCTION BOXES WITH WIRES LABELED PER CAMPUS STANDARD 16720

FOR ROUND DUCT USE ROUND FIRE/SMOKE DAMPER - RUSKIN MODEL FSDR25. INCLUDE CURVED ACCESS DOOR

DAMPER SHAFT SHOULD ALSO INDICATE DAMPER POSITION WITH A RED COLORED ARROW AT THE TIP OF THE SHAFT

T R E AND SMOKE DAMPER DETAIL

