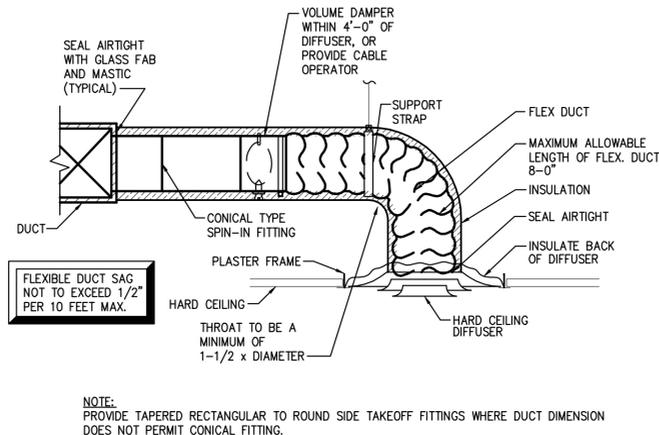
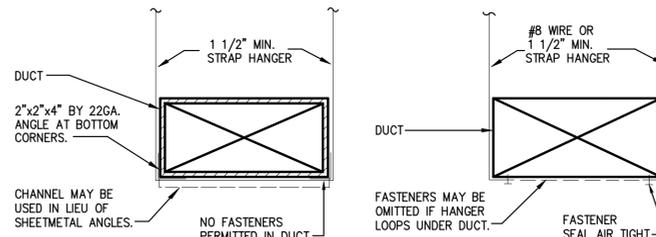


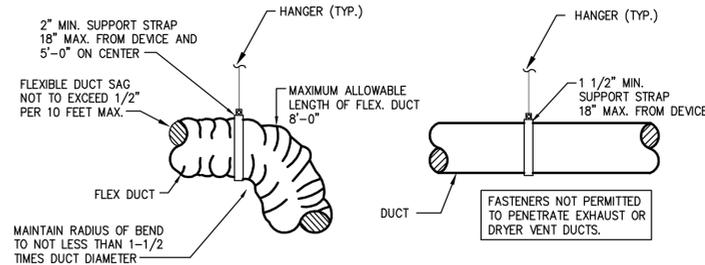
**CEILING PLENUM APPLICATIONS
LAY-IN CEILING DIFFUSER DETAIL**
NOT TO SCALE



**CEILING PLENUM APPLICATIONS
HARD CEILING DIFFUSER DETAIL**
NOT TO SCALE

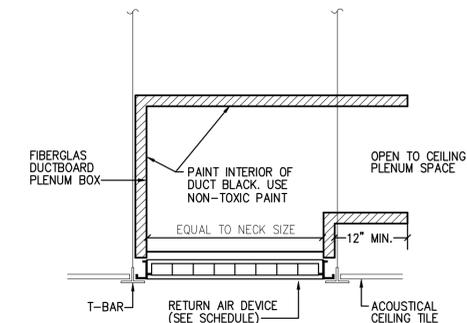


FIBROUS RECTANGULAR DUCT RIGID RECTANGULAR DUCT



FLEX DUCT RIGID ROUND DUCT

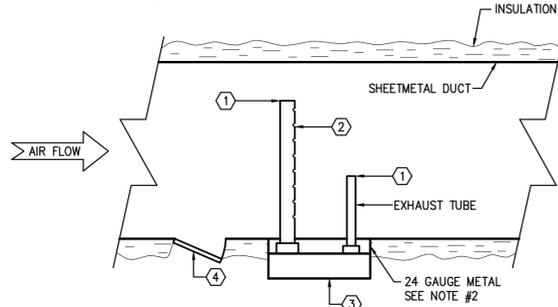
DUCTWORK SUPPORTS DETAILS
NOT TO SCALE



RETURN AIR GRILLE WITH SOUND BOOT DETAIL
NOT TO SCALE

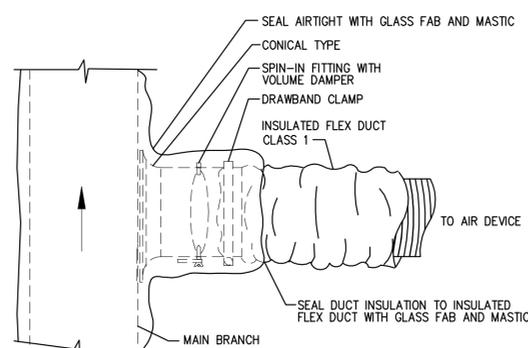
**Duct Mounted
Smoke detector Key Notes:**

- CUT INLET AND EXHAUST TUBES TO LENGTH SPECIFIED BY MANUFACTURER.
- INLET TUBE HOLES FACE UPSTREAM OF AIR FLOW.
- SMOKE DETECTOR HOUSING MOUNTED TO SIDE OF DUCT, POWERED BY DIVISION 16.
- 12x12 MINIMUM SIZE DUCT ACCESS DOOR.

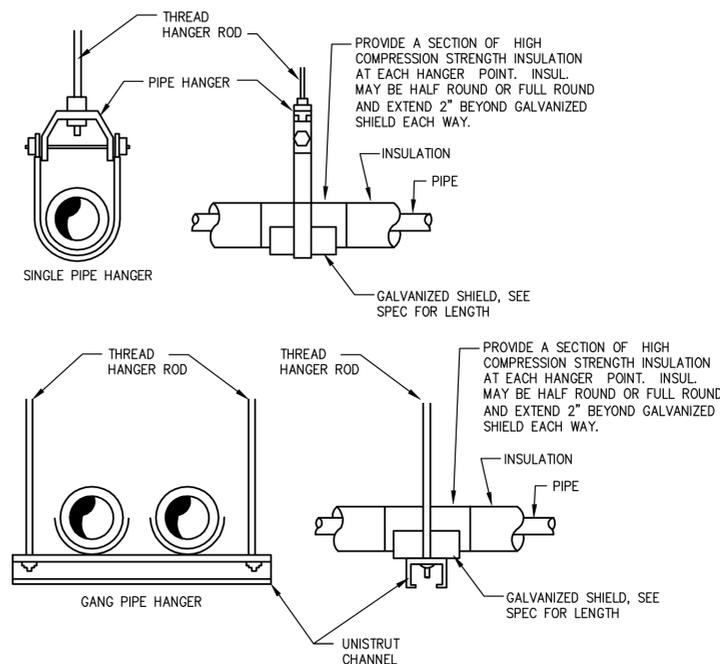


- Notes:**
- DETAIL SHOWS GENERAL INSTALLATION METHODS. REFER TO INDIVIDUAL MANUFACTURE FOR THEIR SPECIFIC INSTALLATION AND LOCATION INSTRUCTIONS.
 - STANDOFF BRACKET NOT REQUIRED ON NON INSULATED DUCT.

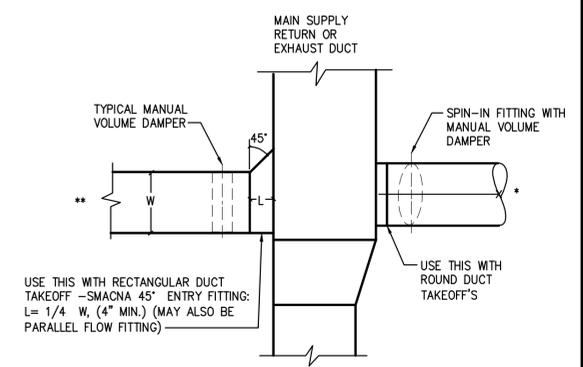
**Duct Mounted
Smoke Detector**
NOT TO SCALE



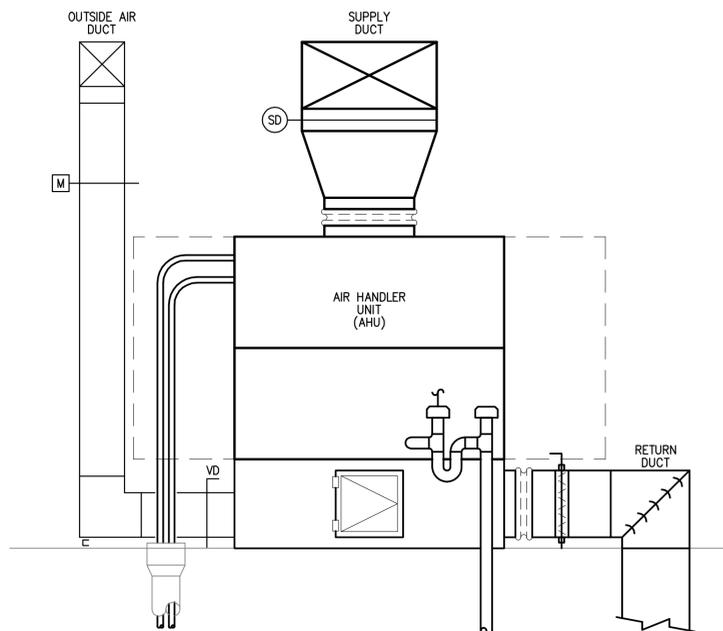
SPIN-IN COLLAR FITTING DETAIL
NOT TO SCALE



INSULATED PIPE HANGER DETAILS
NOT TO SCALE



**Low Pressure Duct
Volume Damper Requirements**
NOT TO SCALE



VERTICAL DX AHU DETAIL
NOT TO SCALE

40% PROGRESS SET 2/4/2014

PENINSULA ENGINEERING INC.
CONSULTING ENGINEERS
ESTABLISHED IN 1977

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ADDITIONS + MODIFICATIONS
ENZIAN THEATER
MAITLAND, FLORIDA

DRAWN	M.J.P.
CHECKED	J.H.M.
DATE	
SCALE	
JOB NO.	
SHEET	
M4.2	
OF	
SHEETS	