

EXPANSION CLEARANCE SHALL BE A MINIMUM OF 3mm (1/8") PER FOOT OF WIDTH OR HEIGHT OF THE SLEEVE TO A MAXIMUM OF 38mm (1 1/2") AND A MINIMUM OF 6.25mm (1/4")

STEEL RETAINING ANGLES SHALL BE INSTALLED AROUND ALL FOUR SIDES OF DUCT. (REFER TO SCHEDULE FOR MINIMUM SIZE)

EXTERIOR OF DUCT. FIRE RATING OF FIRESTOPPING SYSTEM SHALL MEET OR EXCEED THAT OF WALL ASSEMBLY. INSTALLATION

DAMPER SLEEVE SHALL BE THE SAME GAUGE OR-HEAVIER AS THE DUCT TO WHICH IT IS ATTACHED

FIRE DAMPER WITH BLADES AND FRAME OUTSIDE OF THE AIR STREAM

SECURE ANGLES TO SLEEVE AS PER MANUFACTURERS SPECIFICATIONS

EXTERIOR LOUVER CONNECTION DETAIL SCALE: N.T.S.

1. DO NOT ATTACH DUCT TO TOP OF LOWER LOUVER BLADE AS TYPICAL. THIS CREATES SEALING

PROBLEMS AT MULLIONS AND OTHER VERTICAL

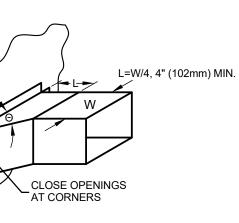
2. SEAL ALL JOINTS WATER TIGHT AT BOTTOM OF DUCT

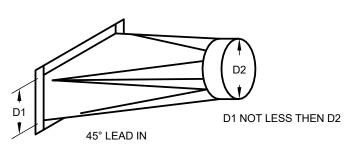
3. INSULATE DUCT AND SLEEVE AS SPECIFIED.

<u>NOTES</u>

MEMBERS

AND SLEEVE.

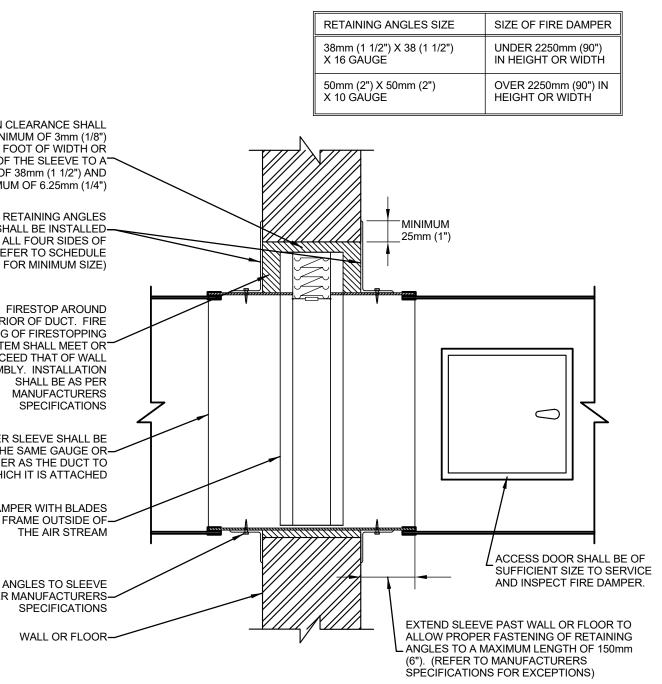




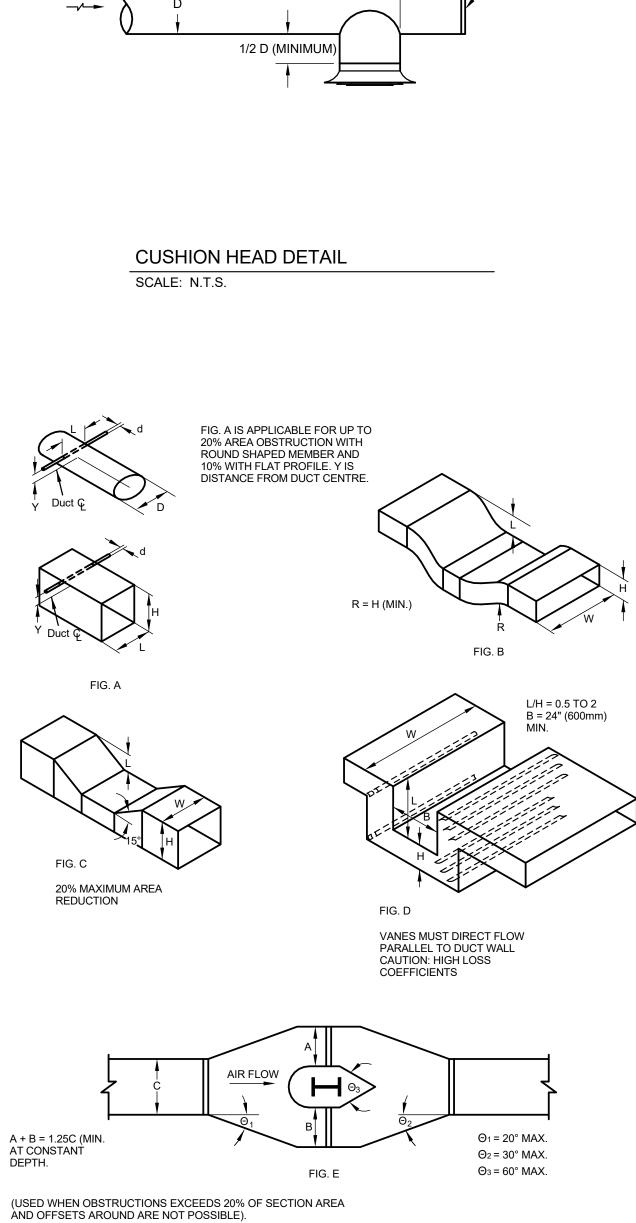
DO NOT USE CONNECTIONS WITH SCOOPS.



SCALE: N.T.S.



FIRE DAMPER - FUSIBLE LINK DETAIL SCALE: N.T.S.



**OBSTRUCTIONS DETAIL** SCALE: N.T.S.



Rev. No. Date

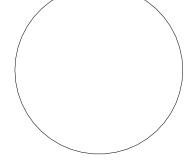
**Revision Notes** 

0 19-11-06 Issued for Construction



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Project

ST. JAMES CIVIC CENTRE

Drawing DETAILS - HVAC

Drawn By:

EB

Scale:

NTS

Date:

Sheet:

Review By: JS Tender No: 1176-2019 11/06/19

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AIR FLOW

- CAP