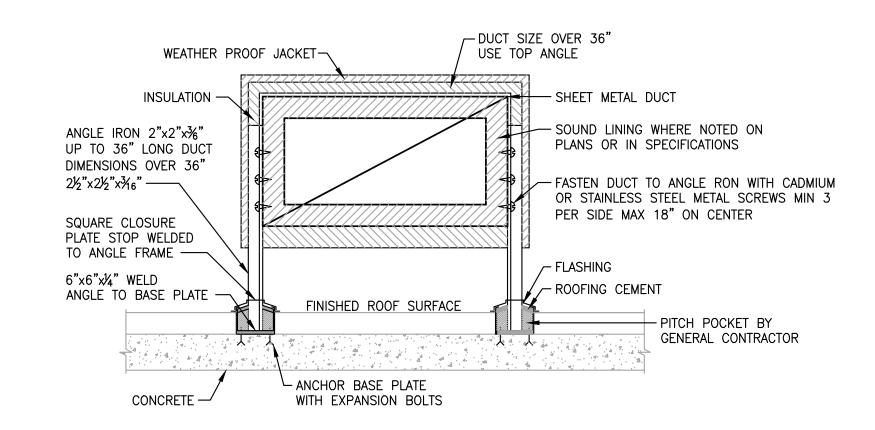


- 2. LOCATE DUCTS AGAINST WALL OR MAXIMUM OF 2" AWAY FROM WALL.
- 3. EACH WALL ANCHOR SHALL SATISFY THE FOLLOWING CRITERIA UNLESS OTHER
- ANALYSIS IS MADE.

A. TENSILE LOAD = 3/8x DUCT WEIGHT; SAFETY FACTOR 4.

B. SHEAR LOAD $\times \frac{1}{2} \times DUCT$ WEIGHT; SAFETY FACTOR 4.

DUCT SUPPORT - WALL MOUNTED



DETAIL OF SUPPORT FOR ROOF MOUNTED DUCTWORK

FLEXIBLE DUCT

TO TROFFER

SHEET METAL AS

REQUIRED

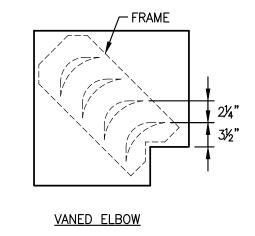
MAIN DUCT

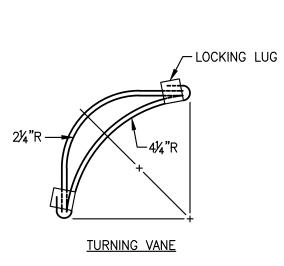
─1.5D

TO SINGLE OUTLET

CIRCULAR BRANCH CONNECTION

OR DIFFUSER





CLAMP

ROD

- HANGER -

AROUND CIRCUMFERENCE EVERY 4'-0".

2" AND SHALL BE FASTENED TO THE

WIDE, USE TRAPEZE HANGER.

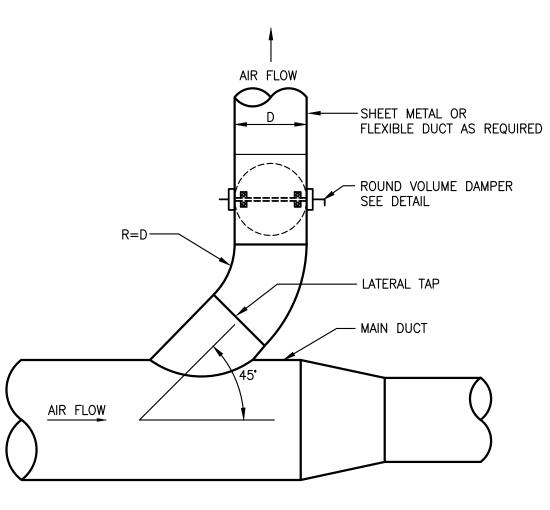
NOTES:

- 1. LOCKING LUGS INTERNAL WITH VANE.
- 2. MAXIMUM UNSUPPORTED VANE LENGTH 48".

DUCT SUPPORT DETAIL

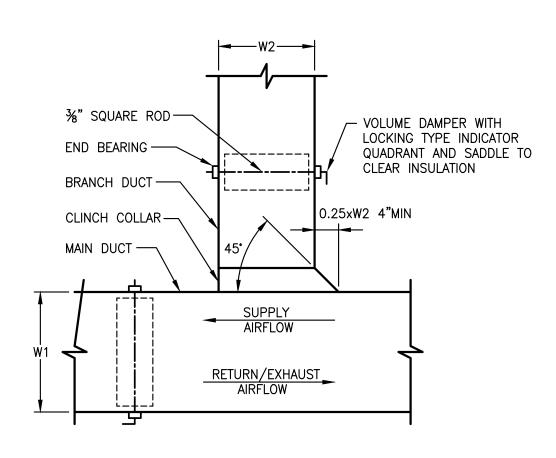
- 3. FRAMES BOLTED OR RIVETED TO ELBOW.
- 4. VANES AND FRAMES SAME GAUGE AS ELBOW.

DOUBLE THICKNESS TURNING VANES FOR SQUARE ELBOWS



1. USE FOR SYMBOL ____ WHERE BRANCH DUCTS IS ROUND FROM ROUND MAIN AND BRANCH DUCT AIR QUANTITY IS 50% OR LESS OF TOTAL AIR FLOW.

> CIRCULAR DUCT LATERAL TAP WITH VOLUME DAMPER

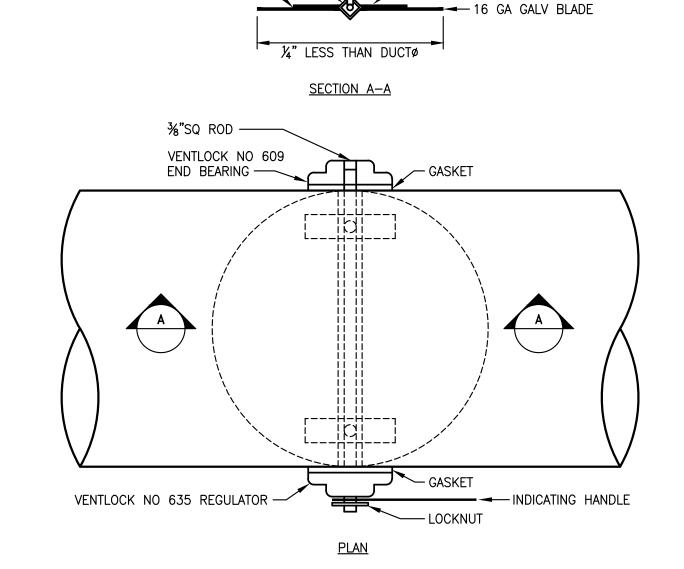


- 1. FURNISH THIS TYPE CONNECTION WHEN SINGLE LINE DUCTWORK IS INDICATED AS THIS $oldsymbol{\perp}$ FOR LOW PRESSURE BRANCHES WITH LESS THAN 700 CFM AND MEDIUM PRESSURE BRANCHES WITH LESS THAN 1000 CFM.
- 2. NOT TO BE USED AS A SUBSTITUTE FOR AN ELBOW.

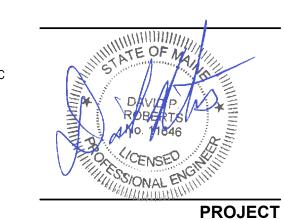
¾"SQ ROD ──

RECTANGULAR DUCT ANGULAR TAP WITH VOLUME DAMPER

/// ¼"ø SET SCREW ___ 1"x¼"GALV STRPS



ROUND VOLUME DAMPER — UP TO 14 IN. DIAMETER, LOW PRESSURE



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06.24.2016

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