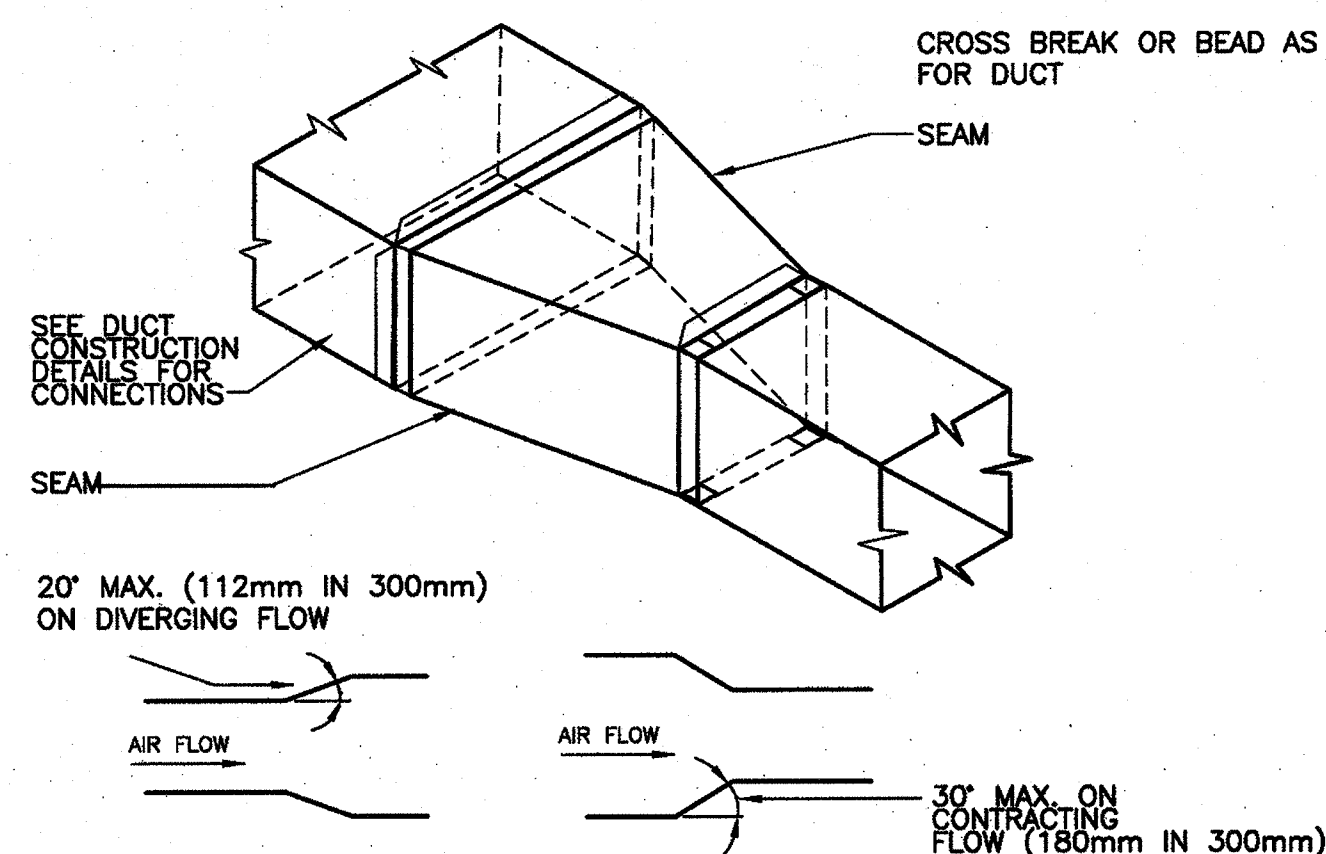
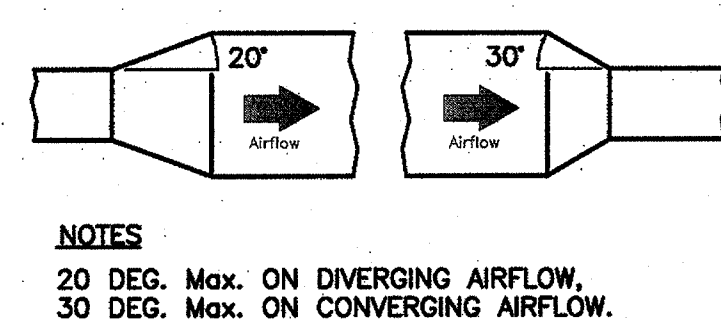
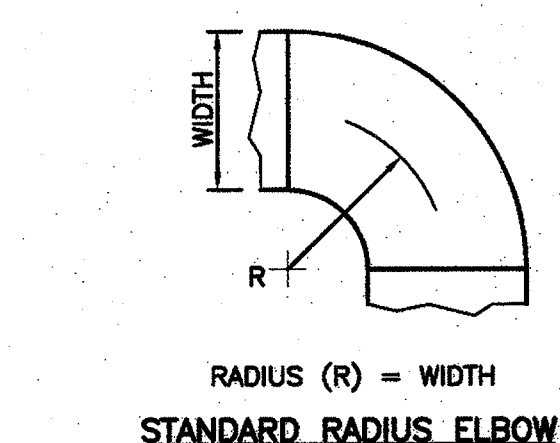


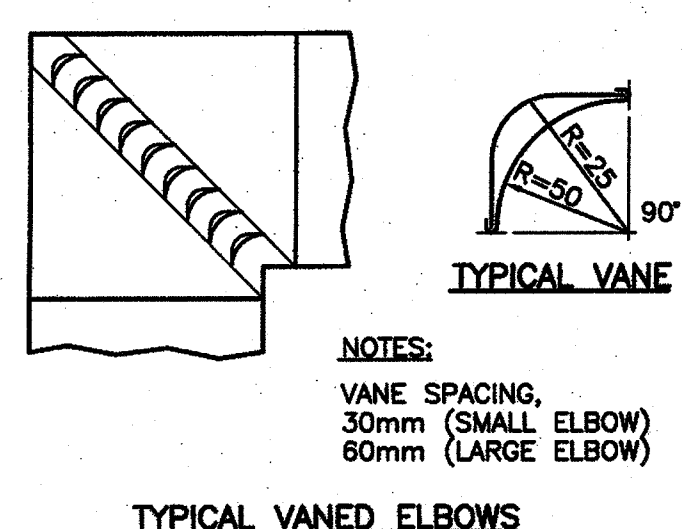
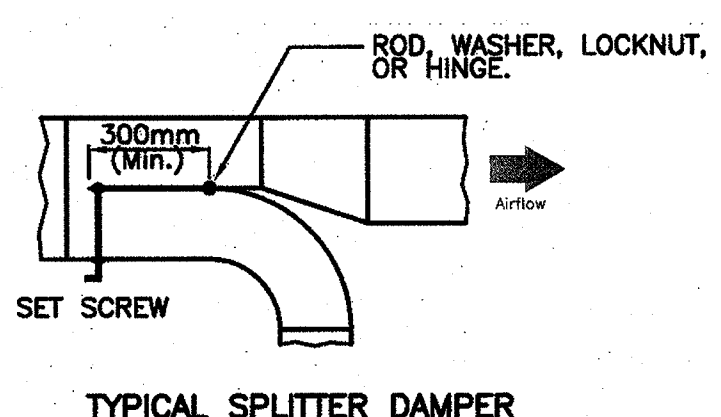
**TYPICAL SIDE TAKE-OFF CONN. RECTANGULAR TO ROUND**  
SCALE - N.T.S.



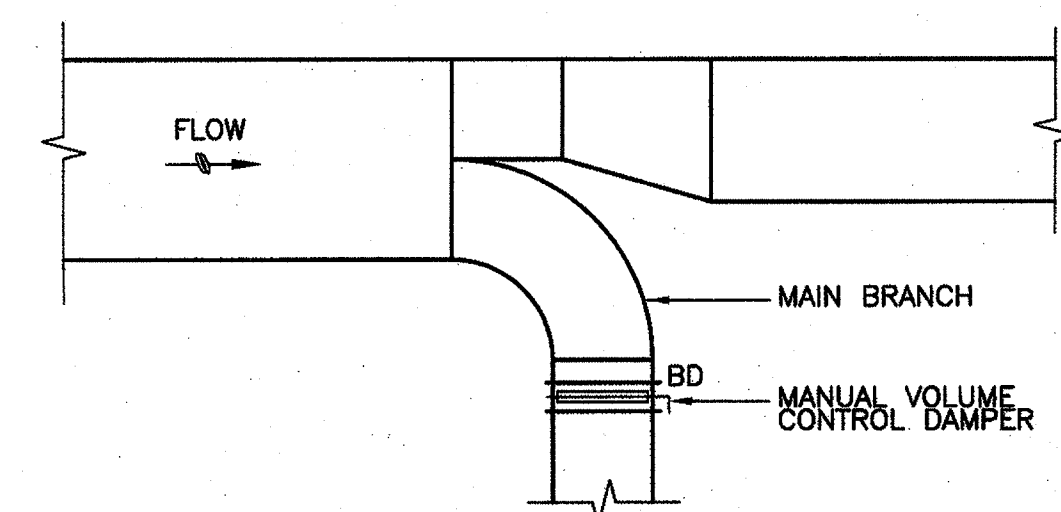
**TRANSITIONS AND TAKE-OFFS**



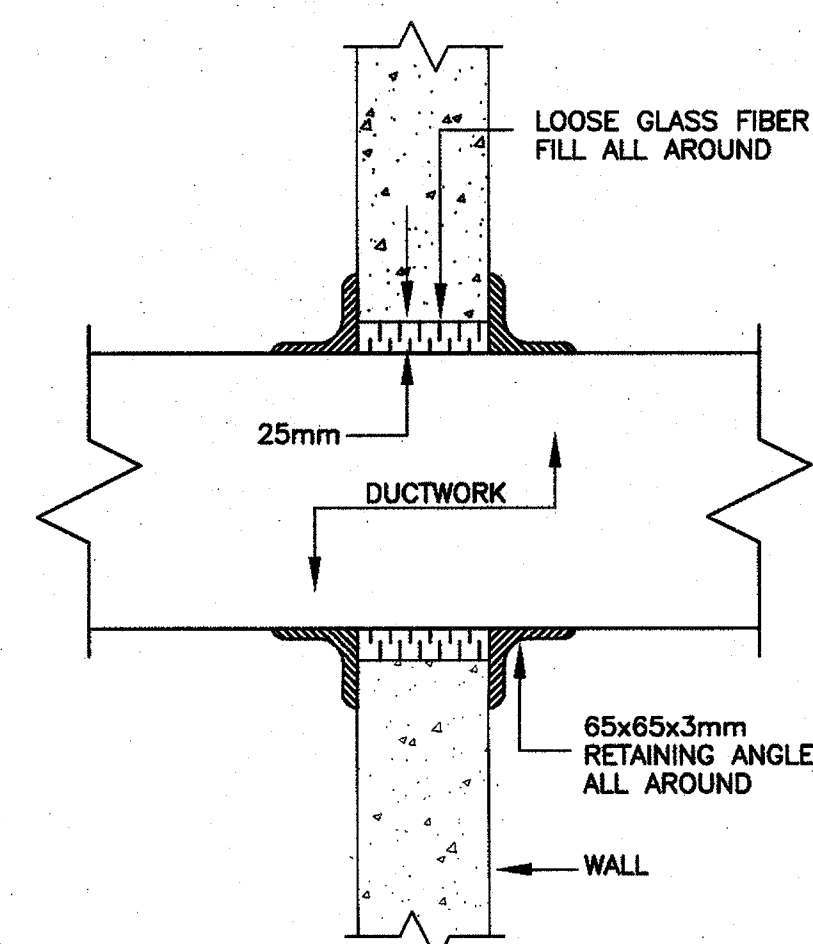
**TYPICAL TRANSITIONS**



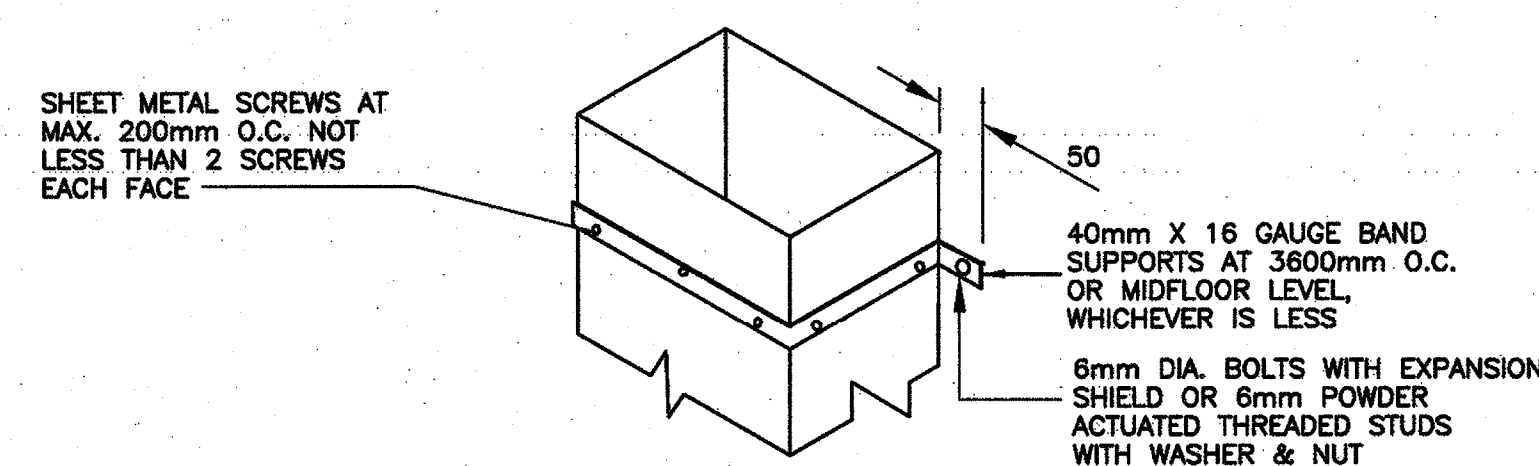
**TYP. DUCT CONSTRUCTION STANDARDS**  
N.T.S.



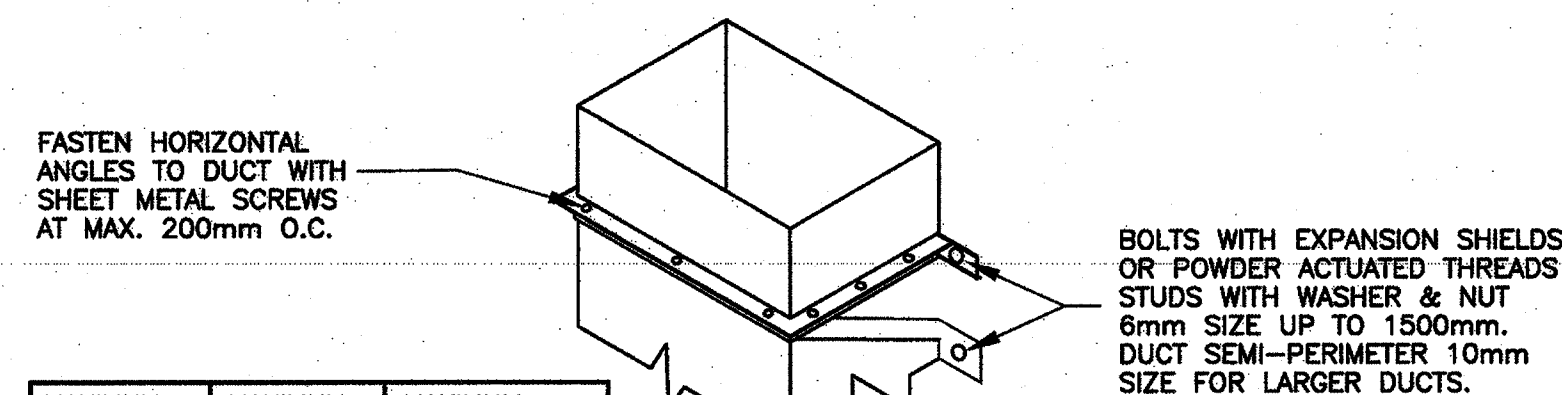
**DUCT BRANCH C/W BALANCING DAMPER**  
SCALE - N.T.S.



**DUCTWORK WALL PENETRATION DETAIL**  
N.T.S.



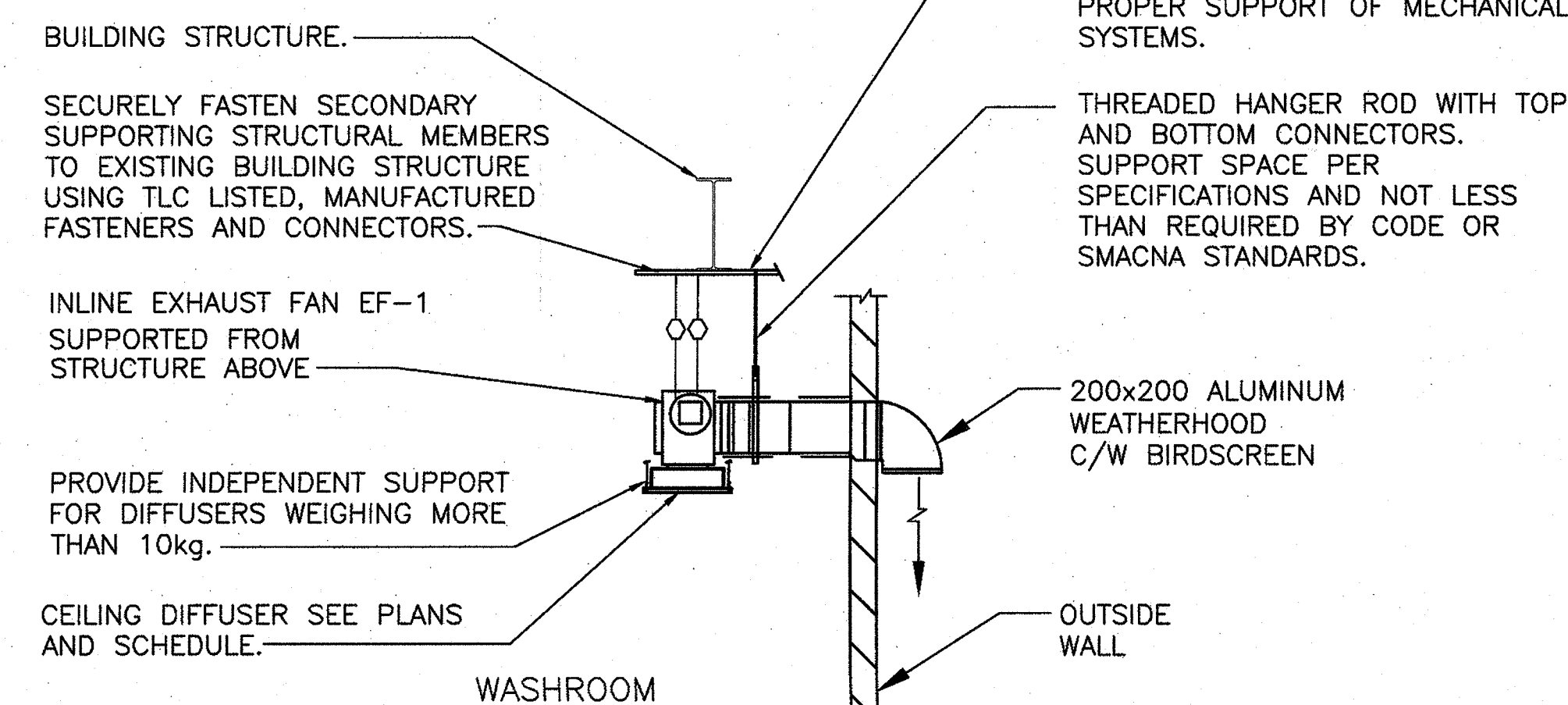
**SUPPORTS FOR VERTICAL DUCTS AT WALLS TO MAXIMUM WIDTH 600mm AND MAXIMUM DEPTH 500mm**



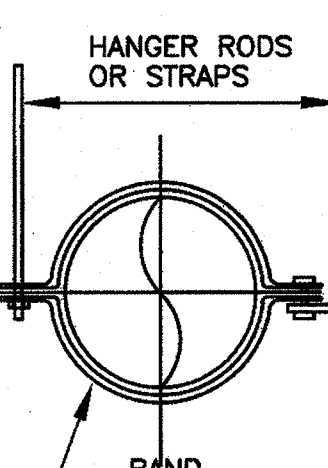
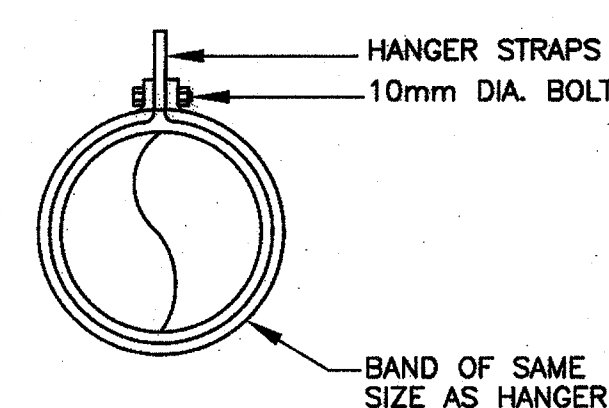
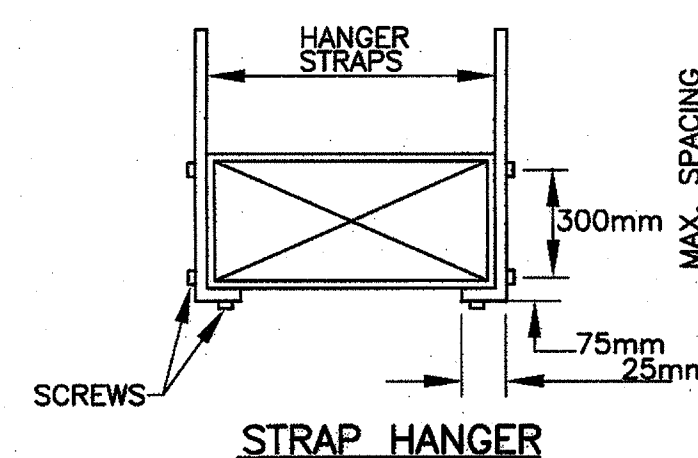
MAXIMUM DUCT DIMENSION	MAXIMUM DUCT DIMENSION	MAXIMUM DUCT DIMENSION
900mm	1350mm	25 x 25 x 3
1200mm	1950mm	30 x 30 x 3
1500mm	2550mm	40 x 40 x 3
LARGER	LARGER	50 x 50 x 3

**SUPPORTS FOR VERTICAL DUCTS AT WALLS OVER 600mm OR 500mm IN DEPTH**

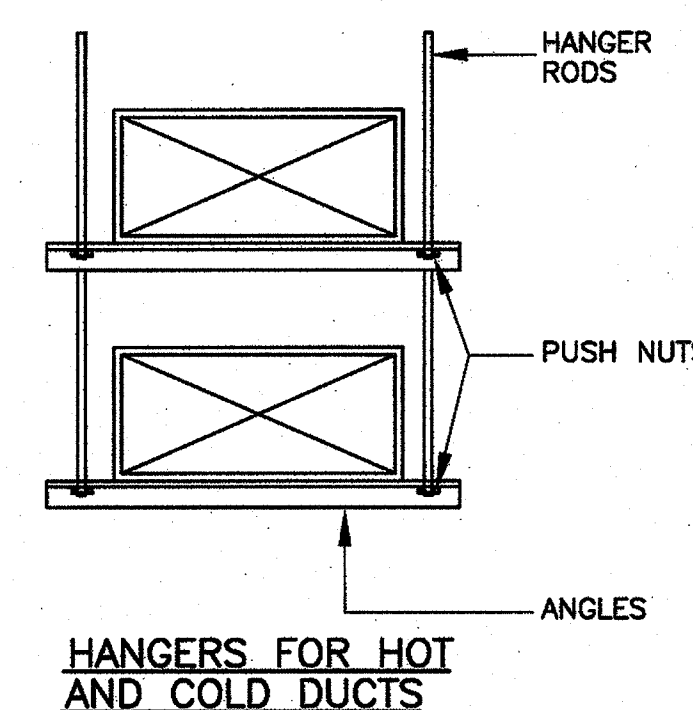
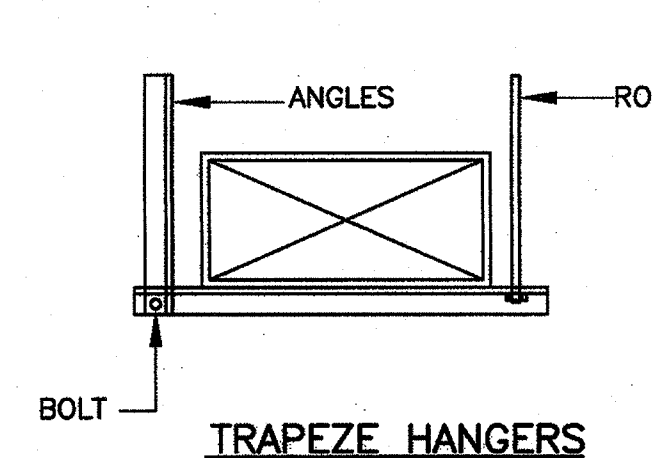
**HANGER SUPPORTS FOR LOW VELOCITY VERTICAL DUCTWORK**  
N.T.S.



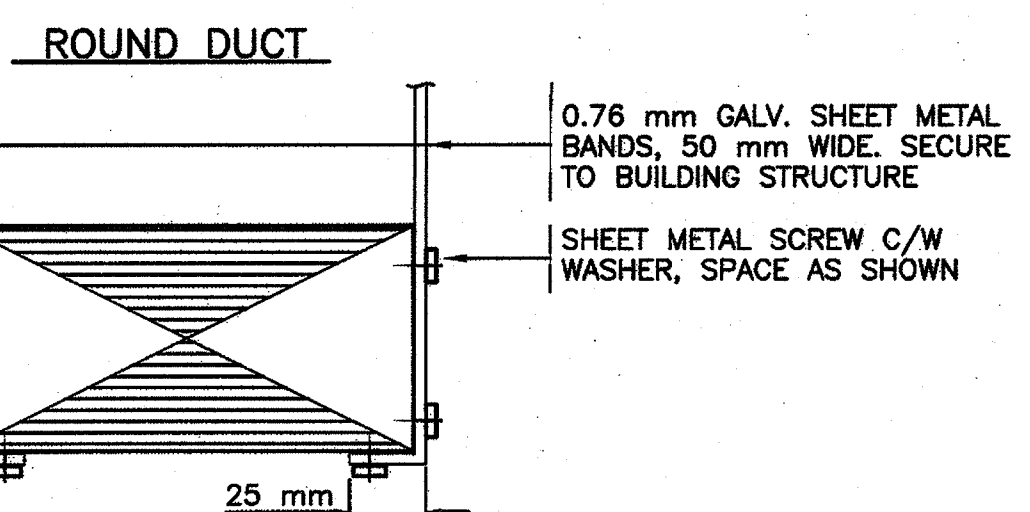
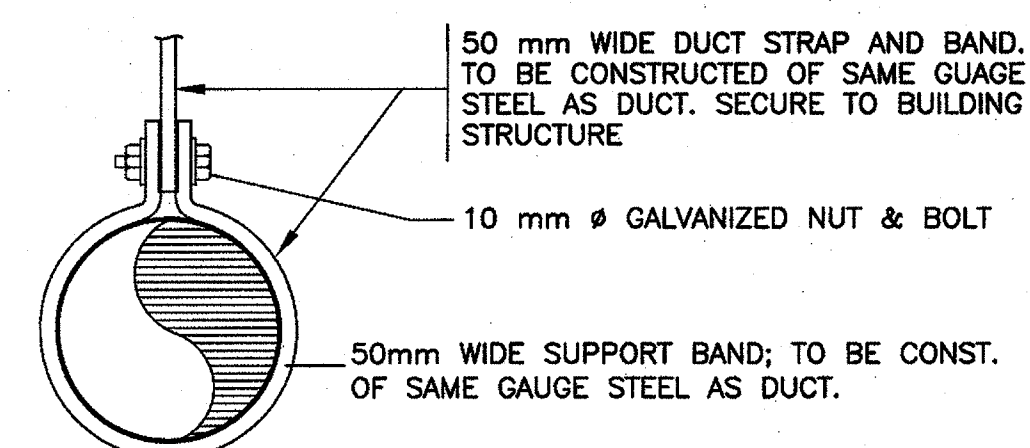
**ELEVATION FOR EXHAUST FAN**  
N.T.S.



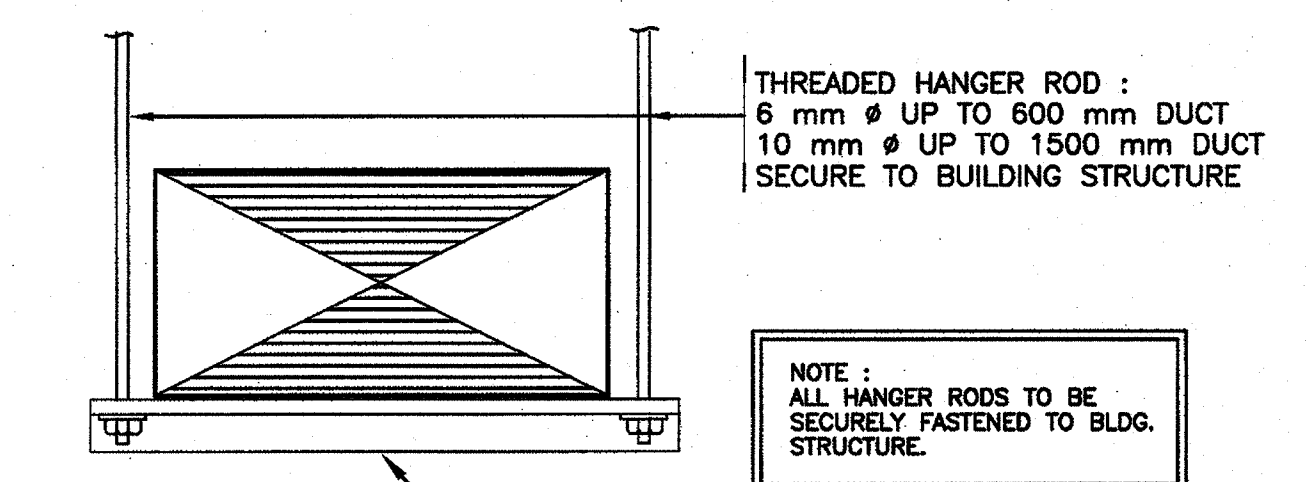
**LOW VELOCITY DUCT HANGERS**  
N.T.S.



LARGEST DIMENSION GOVERNS CONSTRUCTION



**RECTANGULAR DUCT (UP TO 300mm)**

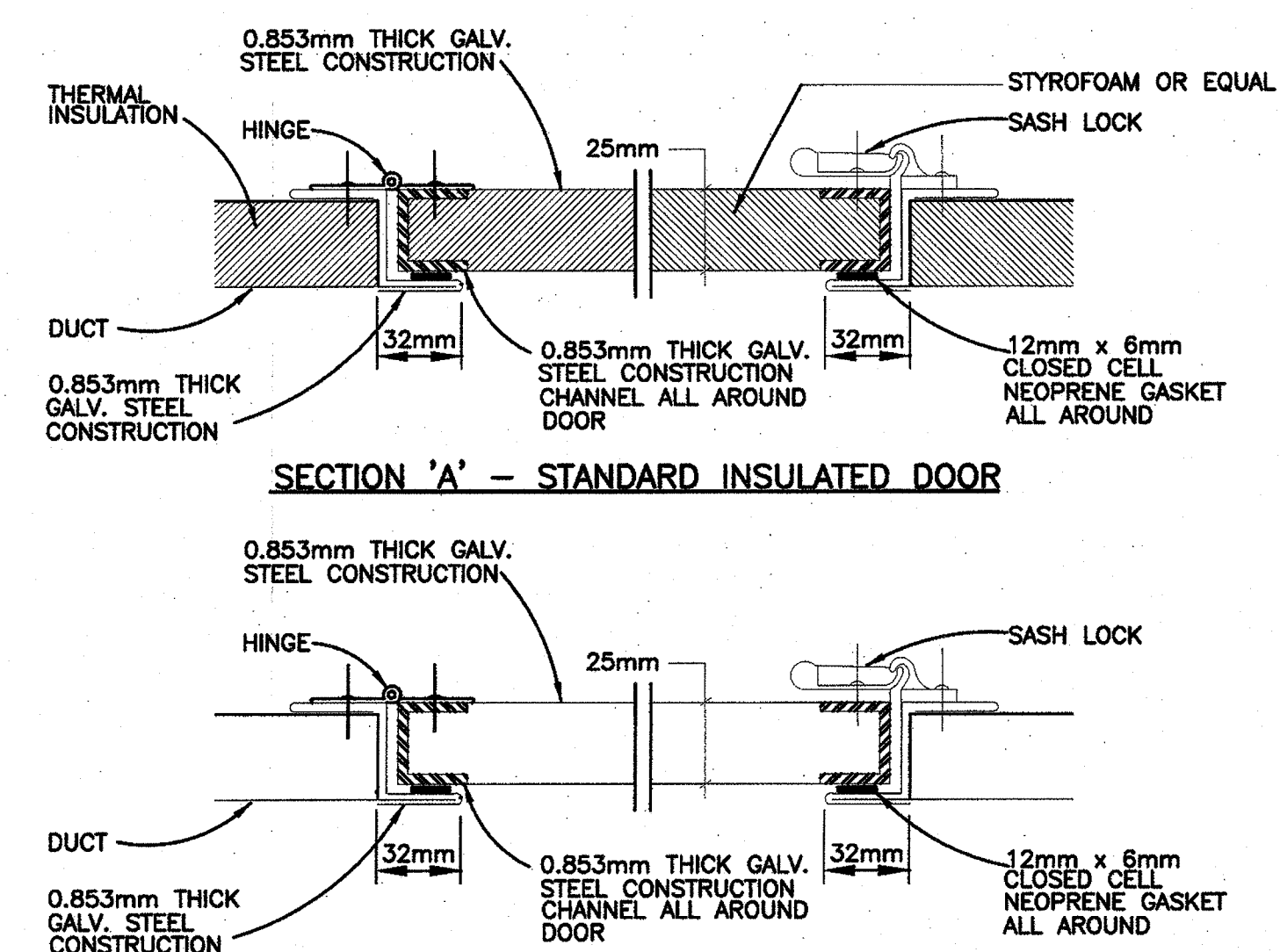
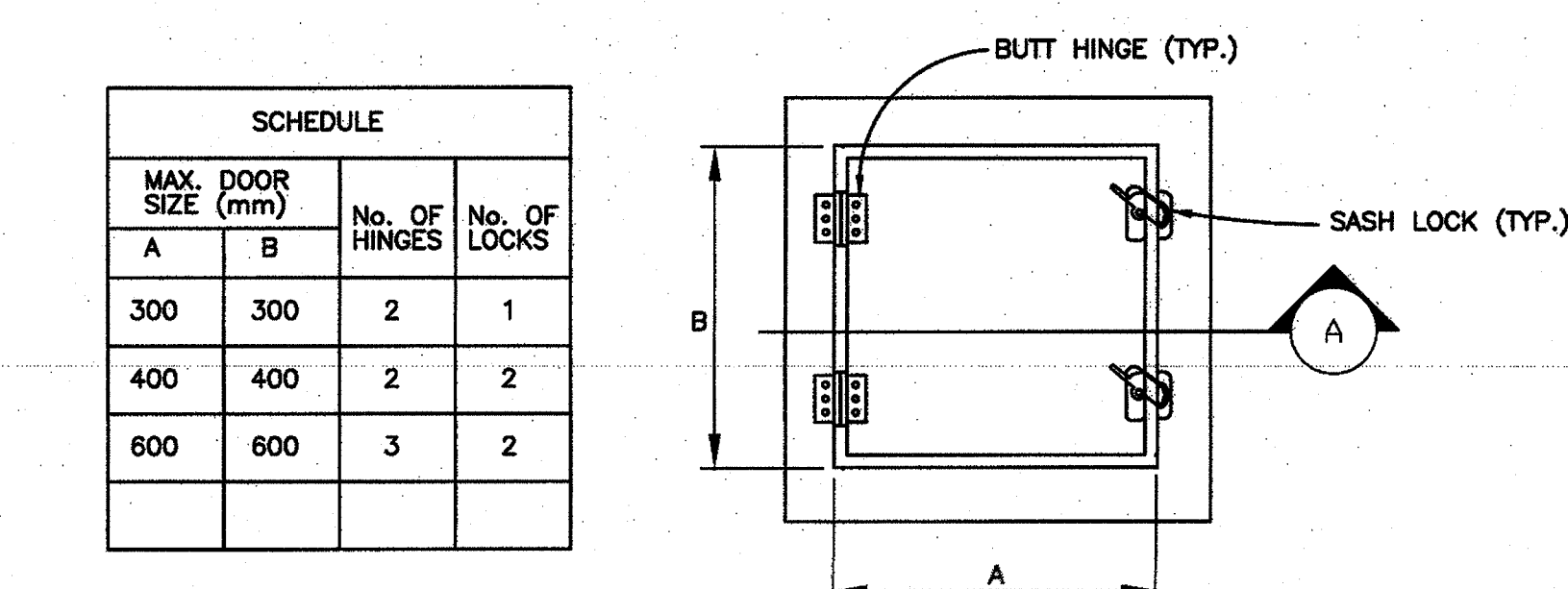


**RECTANGULAR DUCT**

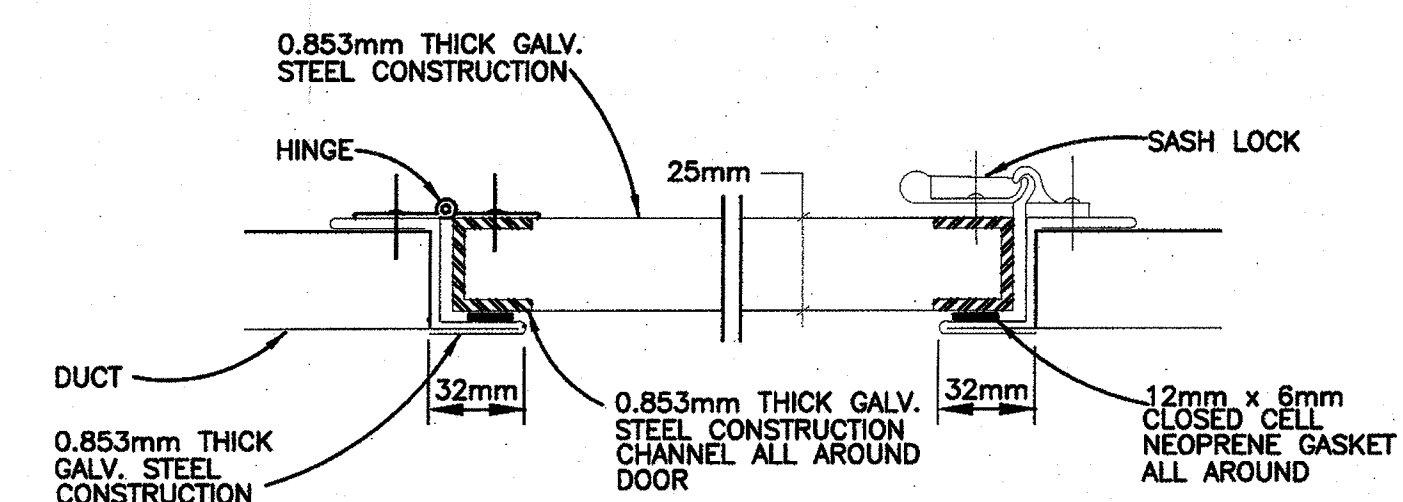
**TYPICAL DUCT SUPPORT DETAILS**  
N.T.S.

SCHEDULE			
MAX. DOOR SIZE (mm)	No. OF HINGES	No. OF LOCKS	
A B			
300	300	2	1
400	400	2	2
600	600	3	2

**STANDARD HINGE-TYPE ACCESS DOOR**

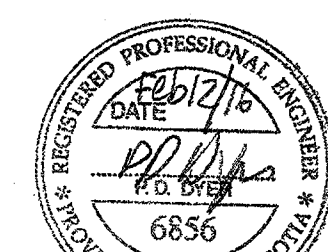


**SECTION 'A' - STANDARD INSULATED DOOR**



**SECTION 'A' - STANDARD UNINSULATED DOOR**

**DUCT ACCESS DOORS**  
(FOR STATIC PRESSURE CONSTRUCTION CLASS 500Pa AND LESS)  
N.T.S.



00	ISSUED FOR 100% REVIEW	FEB 19 2016
revisions		date

project  
**REPAIR AND UPGRADE BUILDING 90 ATLANTIC INSTITUTION RENOUS**  
project  
**RENOUS NB**

drawing  
**MECHANICAL DETAILS**  
dessin

designed F.A.M.	conçu
date JAN 2016	
drawn F.A.M.	dessiné
date JAN 2016	
approved	approuvé
date	
checked R.061891.001	2016/04/05
PWSSC Project Manager	Administrateur de projets TPSSC
project number	no. du projet
<b>R.061891.001</b>	
drawing no.	no. du dessin
<b>H3 OF 4</b>	