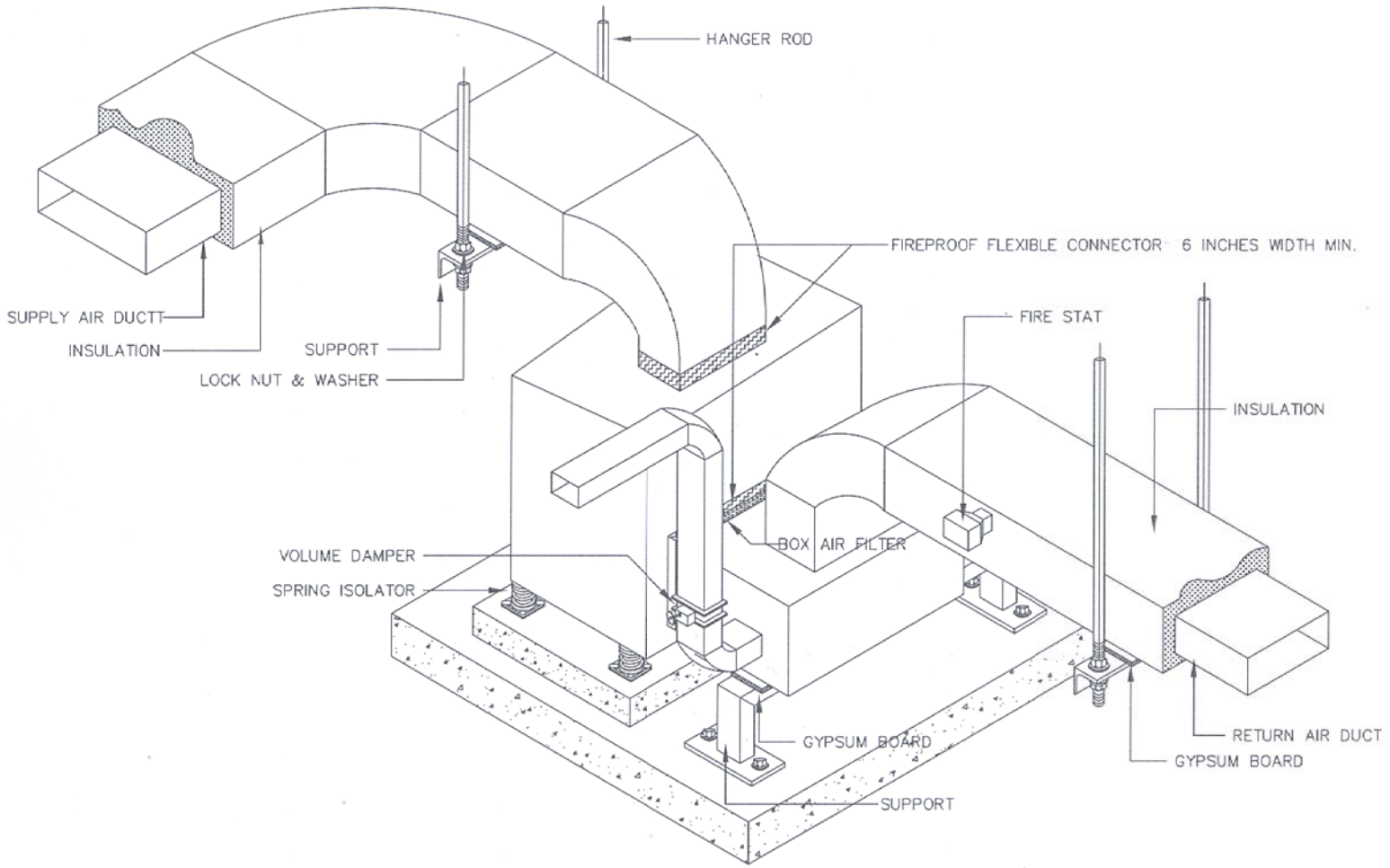
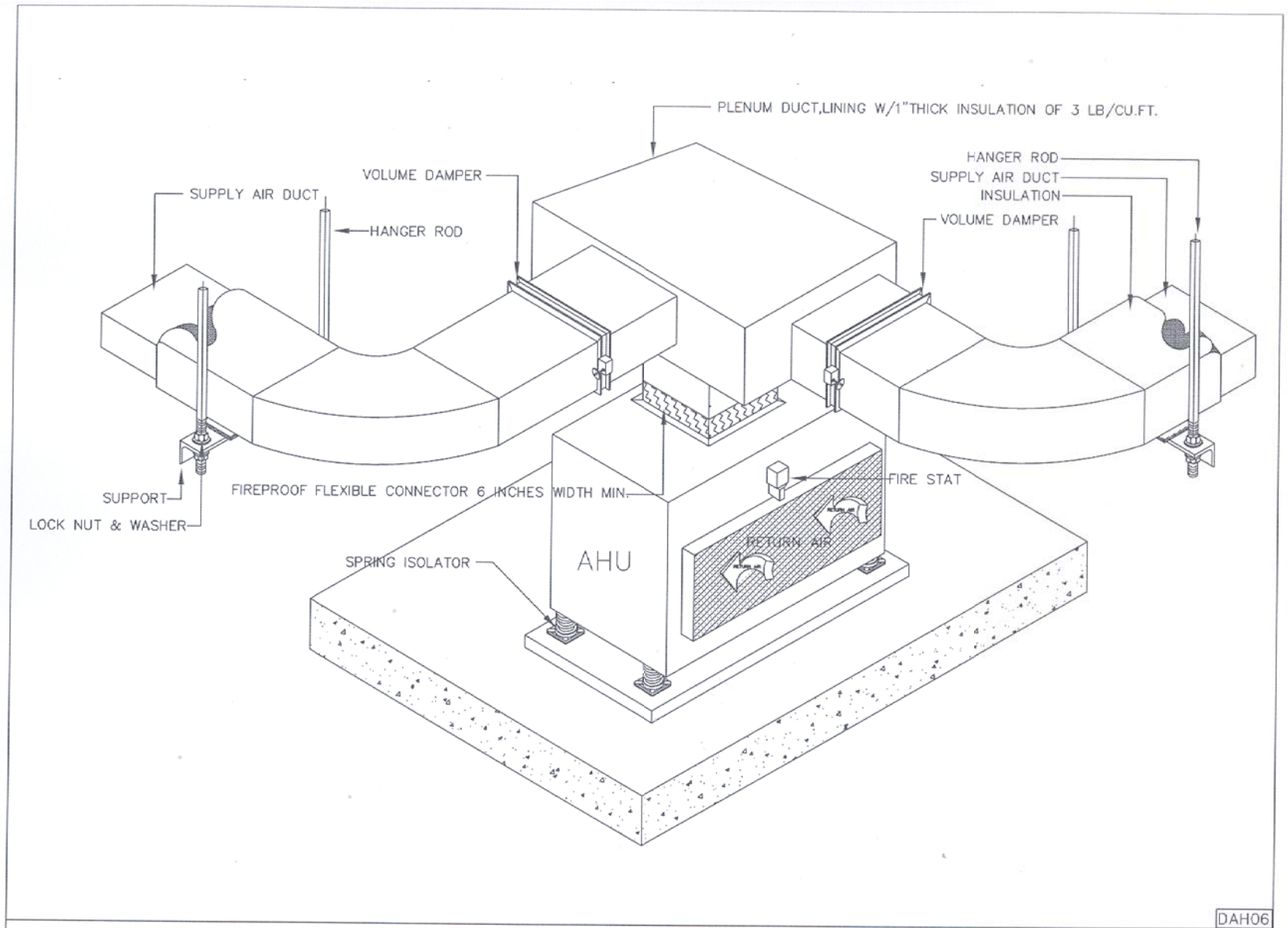
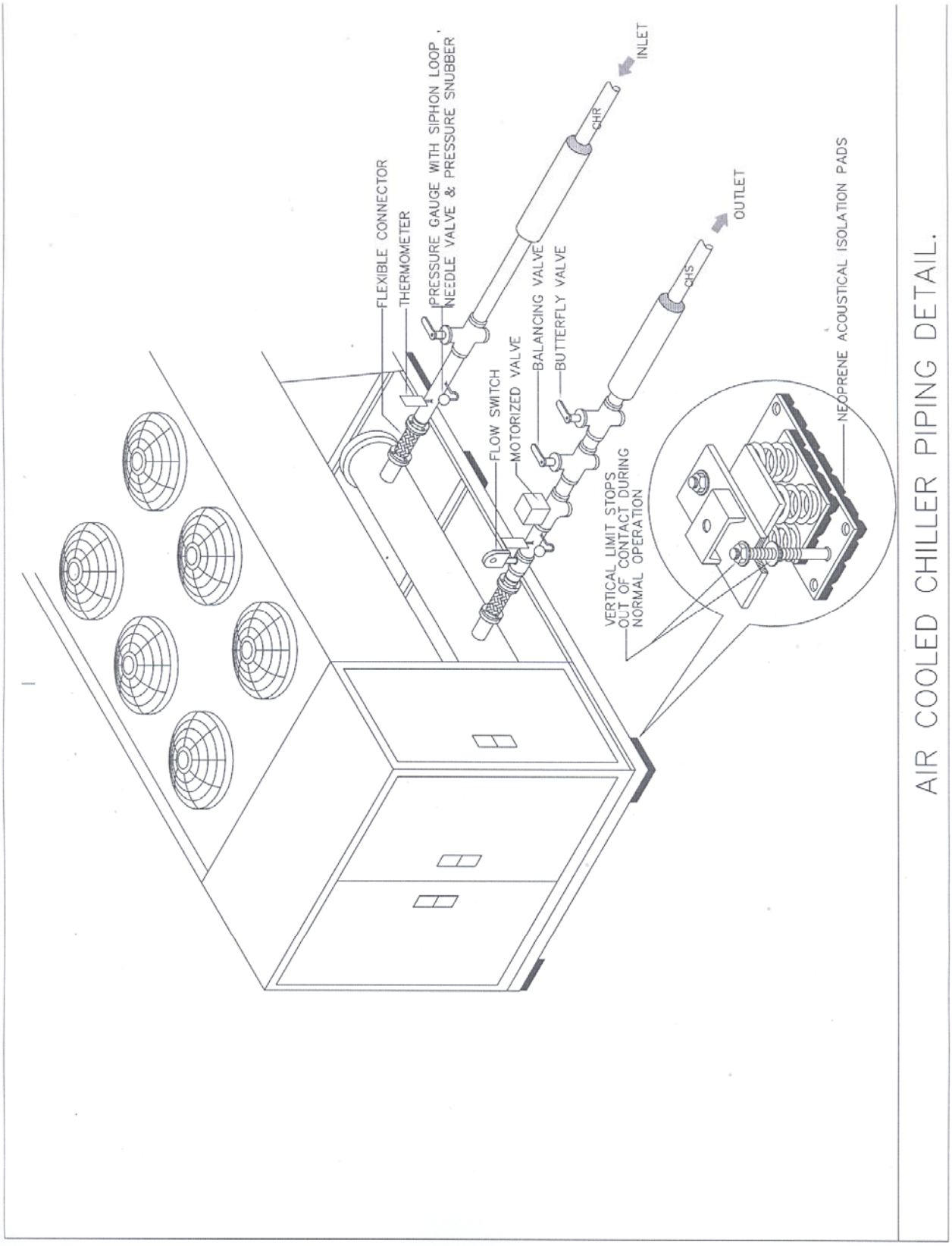


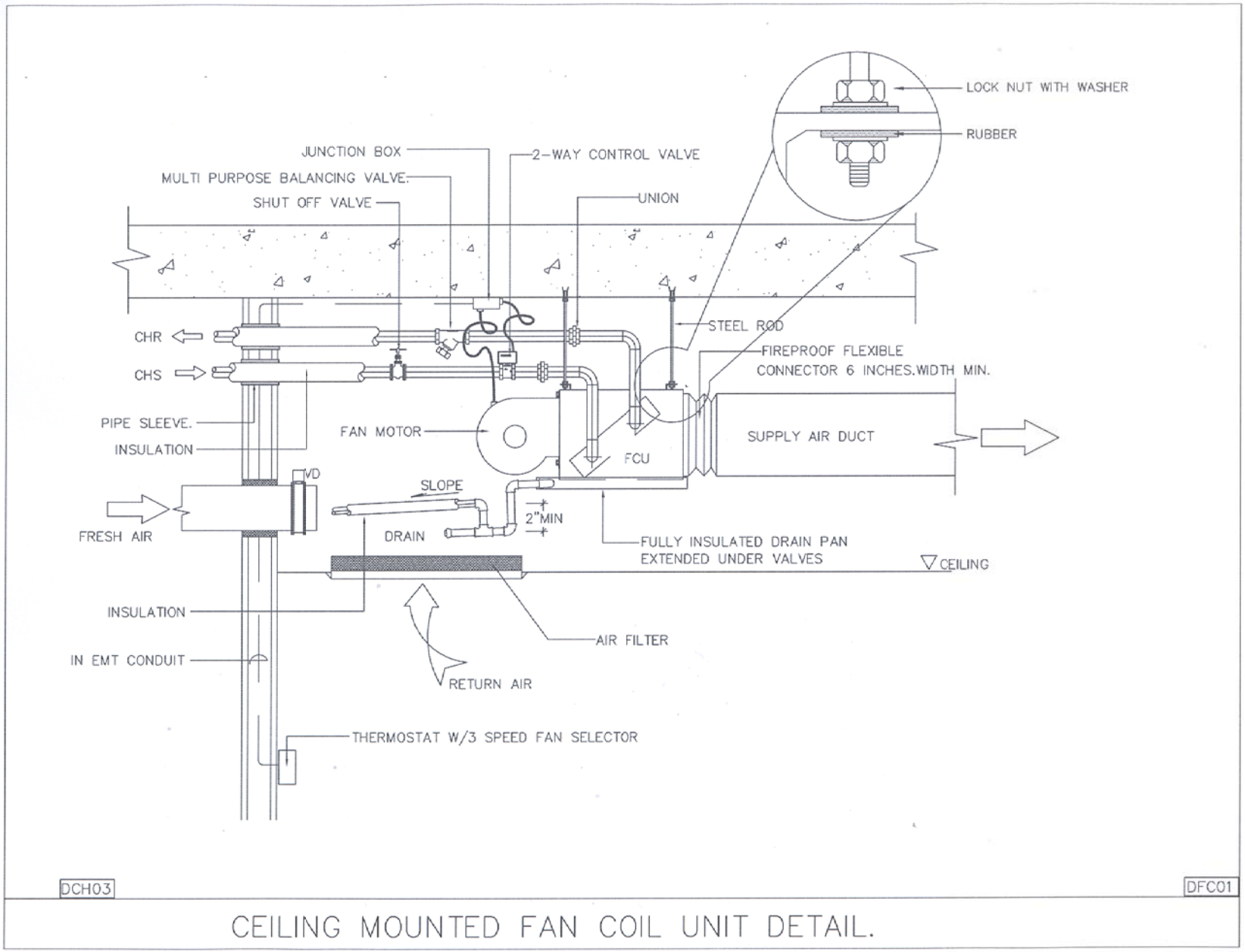
DAH05

AIR HANDLING UNIT WITH RETURN AIR PLENUM INSTALLATION DETAIL

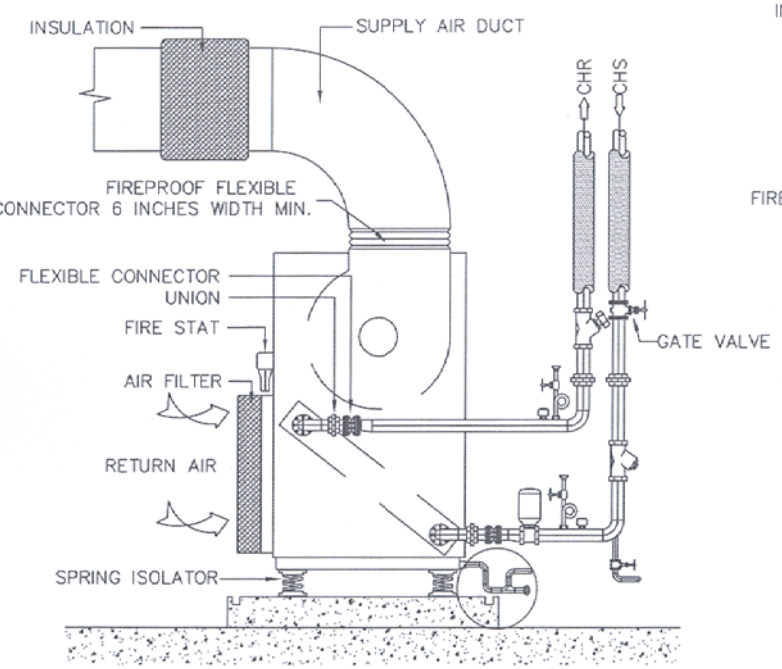


AIR HANDLING UNIT WITH SUPPLY AIR PLENUM INSTALLATION DETAIL.

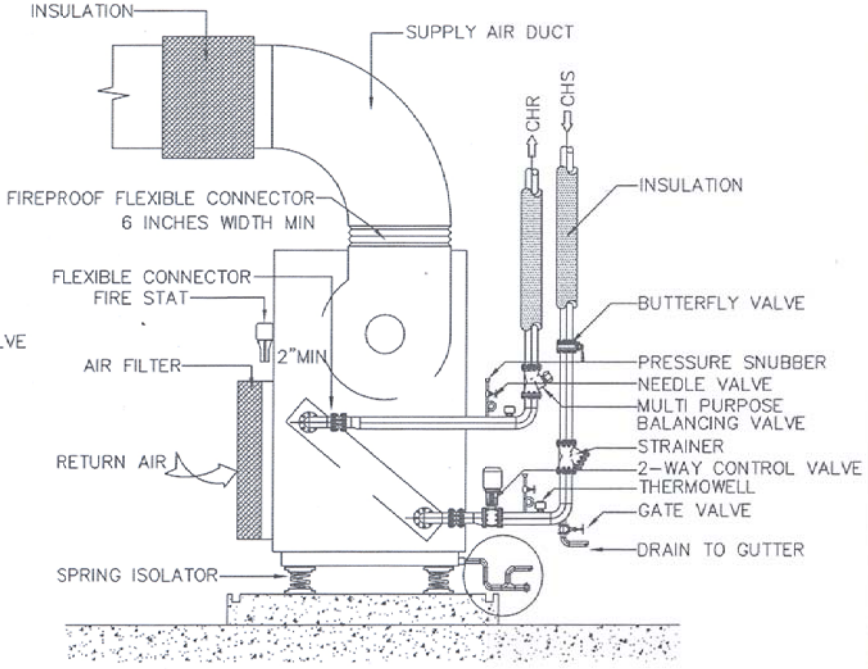

FLEXIBLE CONNECTOR
THERMOMETER
PRESSURE GAUGE WITH SIPHON LOOP ,
NEEDLE VALVE & PRESSURE SNUBBER
FLOW SWITCH
MOTORIZED VALVE
BALANCING VALVE
BUTTERFLY VALVE
VERTICAL LIMIT STOPS
OUT OF CONTACT DURING
NORMAL OPERATION
CHR
INLET
CHS
OUTLET
NEOPRENE ACOUSTICAL ISOLATION PADS
AIR COOLED CHILLER PIPING DETAIL.



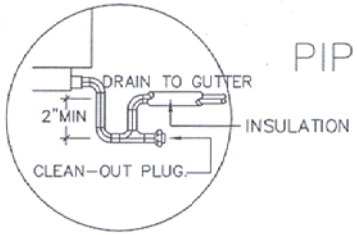
CEILING MOUNTED FAN COIL UNIT DETAIL.



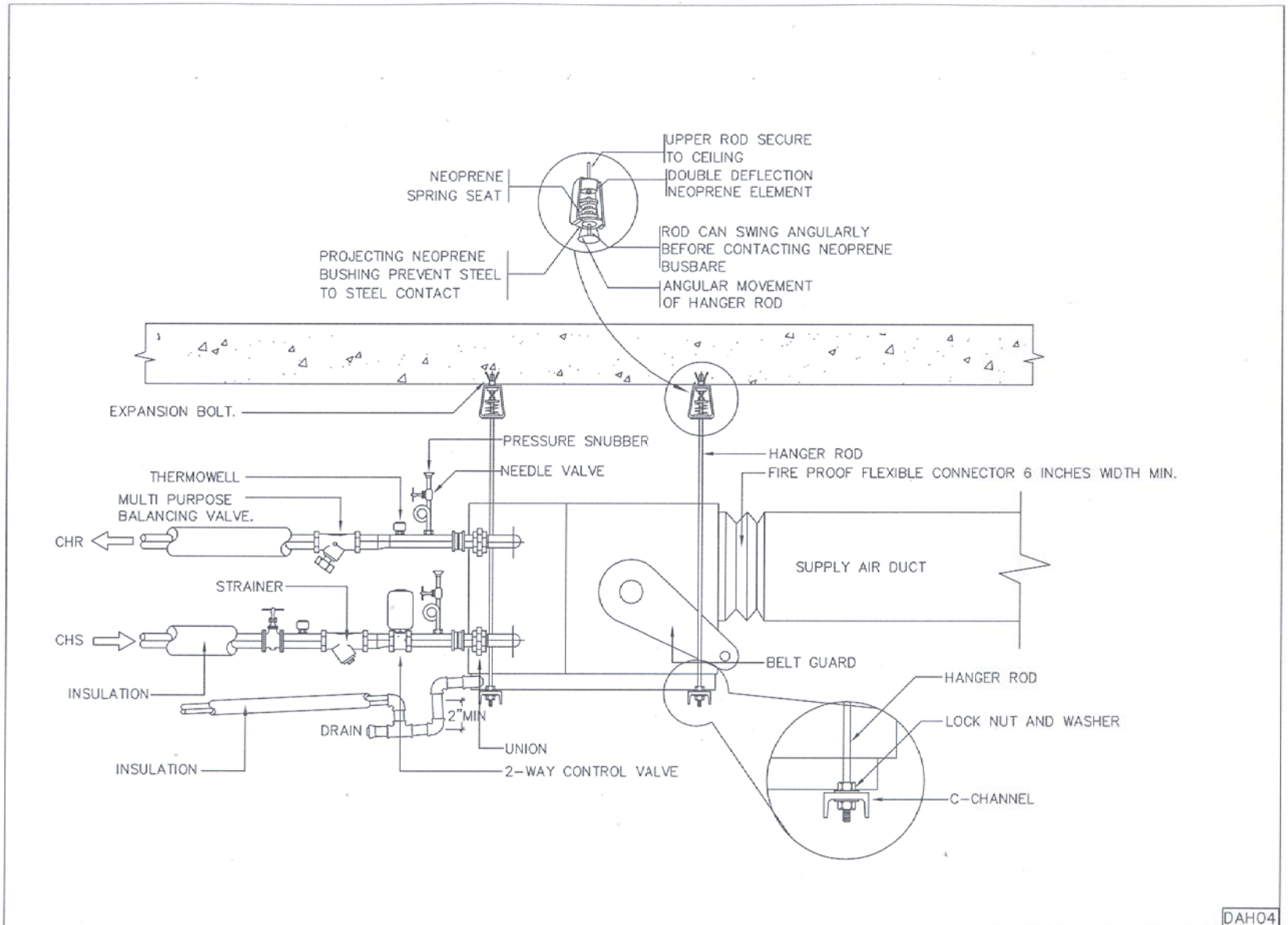
PIPE SIZE UP TO 2 1/2"



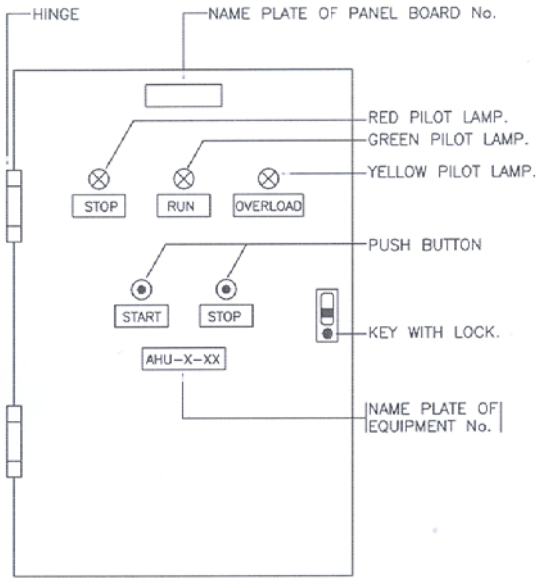
PIPE SIZE 3"AND LARGER



FLOOR MOUNTED AIR HANDLING UNIT PIPING DETAIL



CEILING MOUNTED AIR HANDLING UNIT INSTALLATION DETAIL.



(AHU PANEL BOARD OR VENTILATION FAN PANEL BOARD)

NOTE:

PANEL BOARD FOR 1 UNIT AHU OR FAN

HP	CB.Selection-to accommodate motor starting		Size of Starter	Starter Type	CONDUCTOR AND CONDUIT		
	Direct on Line	Star-Delta					
	(AT) 415V,3,50Hz	(AT) 415V,3,50Hz					
1	15	–	0	DOL	3x2.5-THW	1x2.5-THW/G	1/2"IMC
1.5	15	–	0	DOL	3x2.5-THW	1x2.5-THW/G	1/2"IMC
2	15	–	0	DOL	3x2.5-THW	1x2.5-THW/G	1/2"IMC
3	15	–	0	DOL	3x2.5-THW	1x2.5-THW/G	1/2"IMC
5	30	–	0	DOL	3x2.5-THW	1x2.5-THW/G	1/2"IMC
7.5	–	40	1	Y-Δ	6x4-THW	1x4-THW/G	1"IMC
10	–	50	1	Y-Δ	6x4-THW	1x4-THW/G	1"IMC
15	–	60	1	Y-Δ	6x6-THW	1x6-THW/G	1 1/4"IMC
20	–	70	2	Y-Δ	6x10-THW	1x6-THW/G	1/2"IMC
25	–	70	2	Y-Δ	6x16-THW	1x6-THW/G	2"IMC
30	–	90	3	Y-Δ	6x16-THW	1x6-THW/G	2"IMC
40	–	90	3	Y-Δ	6x25-THW	1x10-THW/G	2"IMC
50	–	125	3	Y-Δ	6x35-THW	1x10-THW/G	2 1/2"IMC

NOTE:

1. THIS TABLE FOR MOTOR 3ø ONLY.
2. MOTOR LESS THAN 1HP SHALL BE DOL STARTING,CB 1P.15AT AND 2x2.5-THW,1x2.5-THW/G,1/2"IMC

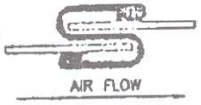
DEE01

SIZING TABLE FOR CIRCUIT BREAKER , WIRING AND CONDUIT

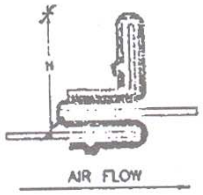
H = HEIGHT REFERRED TO IN DIMENSIONS

(A)
DRIVE SLIP

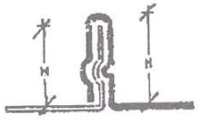
(B)
PLAIN "S" SLIP



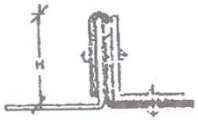
(C)
HEMMED "S" SLIP



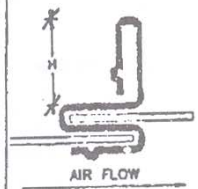
(H)
ANGLE SLIP



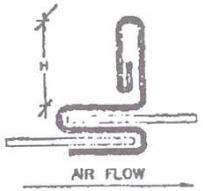
(I)
STANDING SEAM



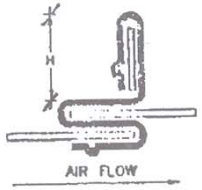
(J)
ANGLE REINFORCED
STANDING SEAM



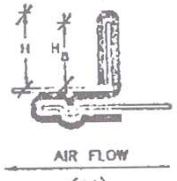
(E)
BAR SLIP



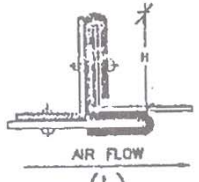
(F)
ALTERNATE BAR SLIP
(STANDING "S" SLIP)



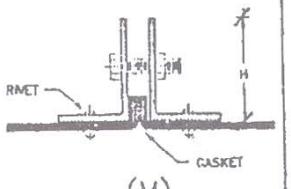
(G)
REINFORCED
BAR SLIP (CLEAT)



(K)
POCKET LOCK



(L)
ANGLE REINFORCED
POCKET LOCK



(M)
COMPANION ANGLES

PITTSBURGH LOCK N

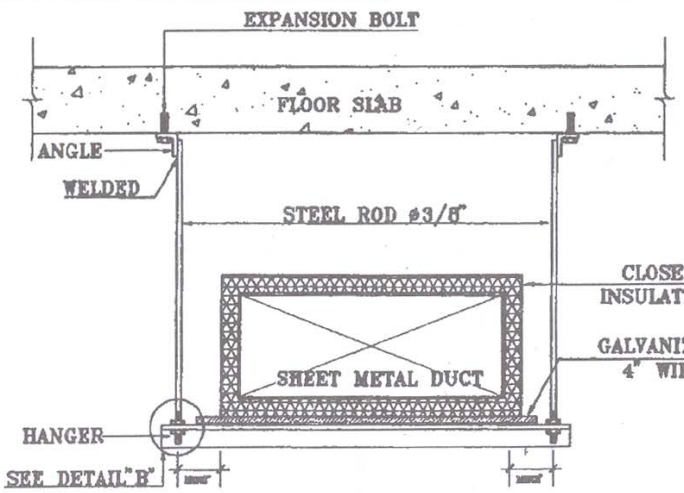
ACME LOCK GROOVED SEAM

LONGITUDINAL SEAMS

H = (HEIGHT DIMENSION)–UP TO 42" = 1"
H = (HEIGHT DIMENSION)–43" TO 96" = 1 1/2"
H = (HEIGHT DIMENSION) OVER 96" = 2"

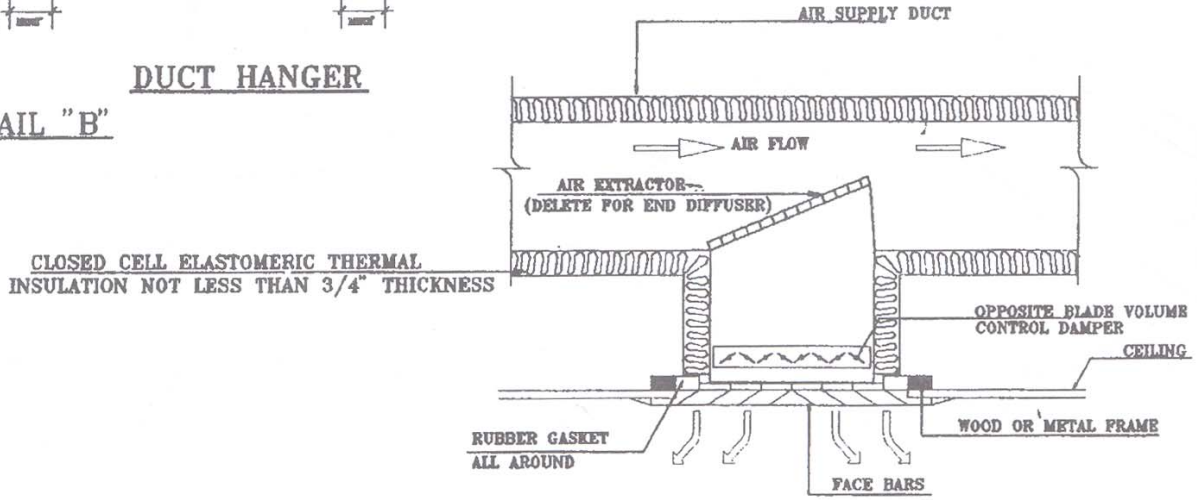
DIMENSIONS OF LONGEST SIDE OF DUCT	GALVANIZED STEEL METAL GAUGES S.W.G. ZINC COATING 1.002/FT^2		REINFORCING ANGLE SIZE AND MAX. LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS AND/OR INTERMEDIATE REINFORCING.
THRU 12"	26 (0.50 mm.)	A. B. K.	–
13" THRU 18"	24 (0.60 mm.)	A. B. K.	–
19" THRU 30"	24 (0.60 mm.)	K. C. E. M.	1" x 1" x 1/8" @ 4'cc.
31" THRU 42"	22 (0.80 mm.)	K. E. G. M.	1" x 1" x 1/8" @ 4'cc.
43" THRU 54"	22 (0.80 mm.)	K. E. G. M.	1 1/2" x 1 1/2" x 1/8" @ 4'cc.
55" THRU 60"	20 (1.00 mm.)	K. E. G. M.	1 1/2" x 1 1/2" x 1/8" @ 4'cc.
61" THRU 84"	20 (1.00 mm.)	D. H. F. J. M.	1 1/2" x 1 1/2" x 1/8" @ 2'cc.
85" THRU 96"	18 (1.20 mm.)	D. J. L. M.	1 1/2" x 1 1/2" x 3/16" @ 2'cc.
OVER 96"	18 (1.20 mm.)	D. J. L. M.	2" x 2" x 1/4" @ 2'cc.

TYPICAL DUCT CONNECTION AND JOINT DETAIL



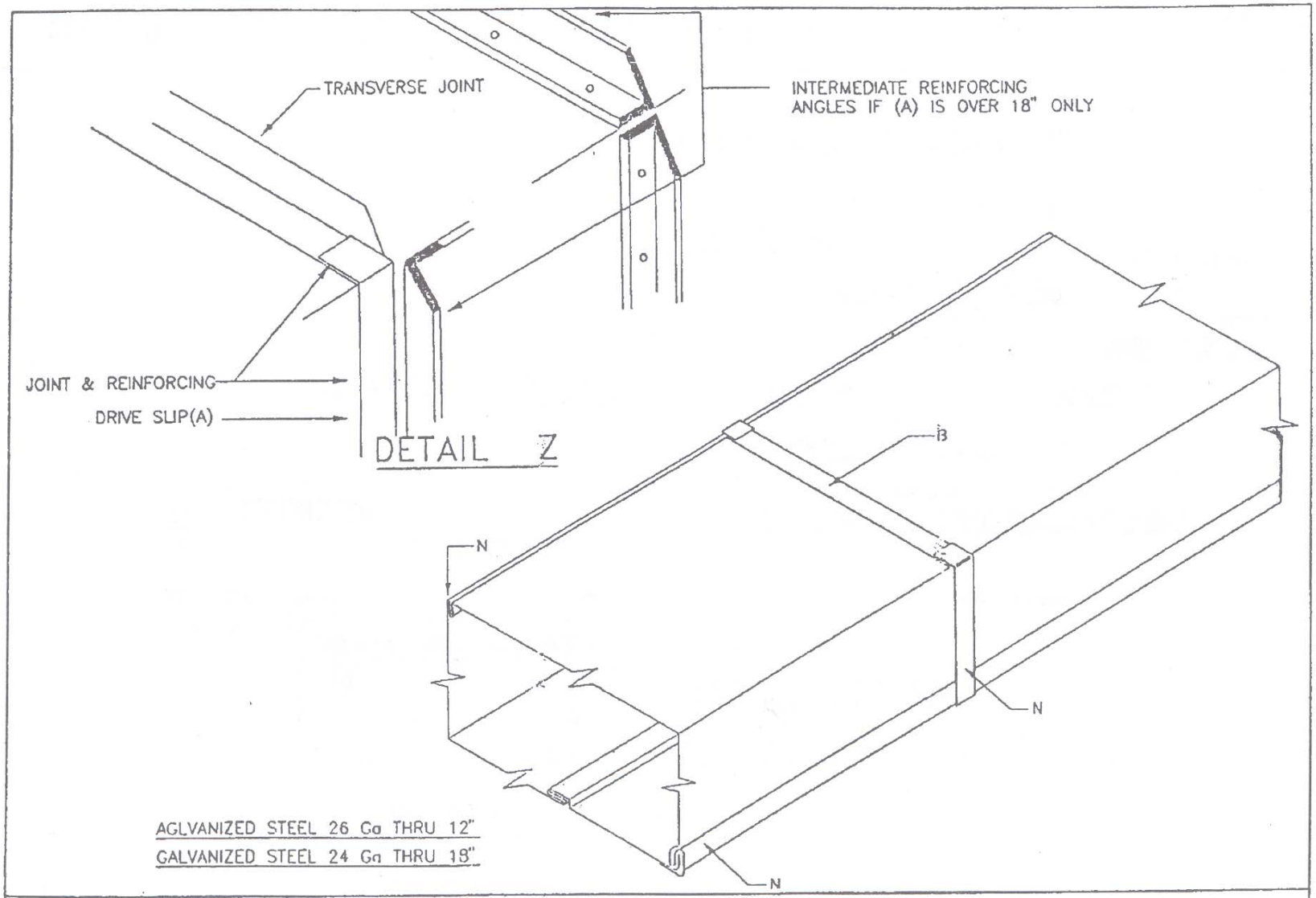
DUCT HANGER

DETAIL "B"

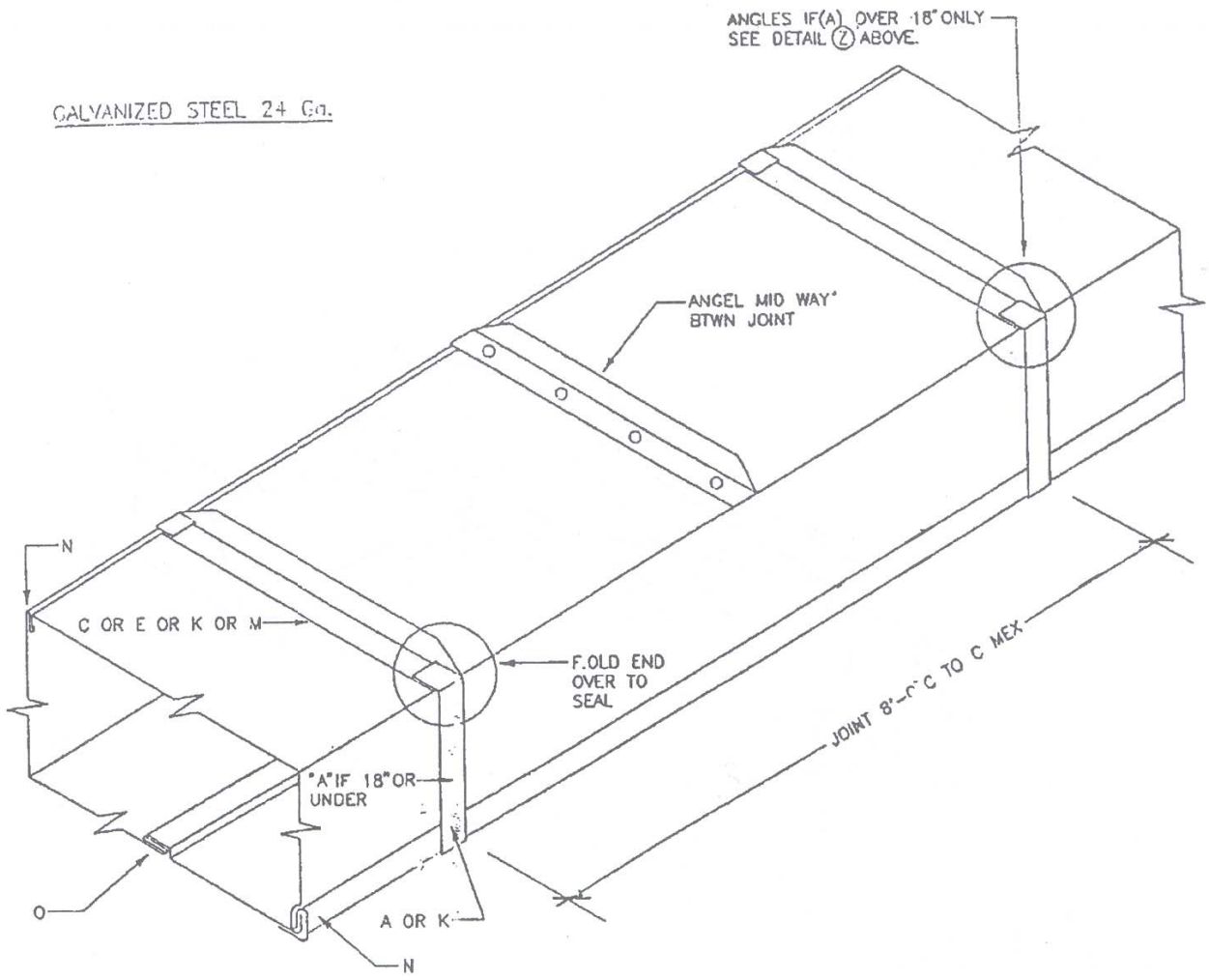


INSTALLATION OF SUPPLY AIR

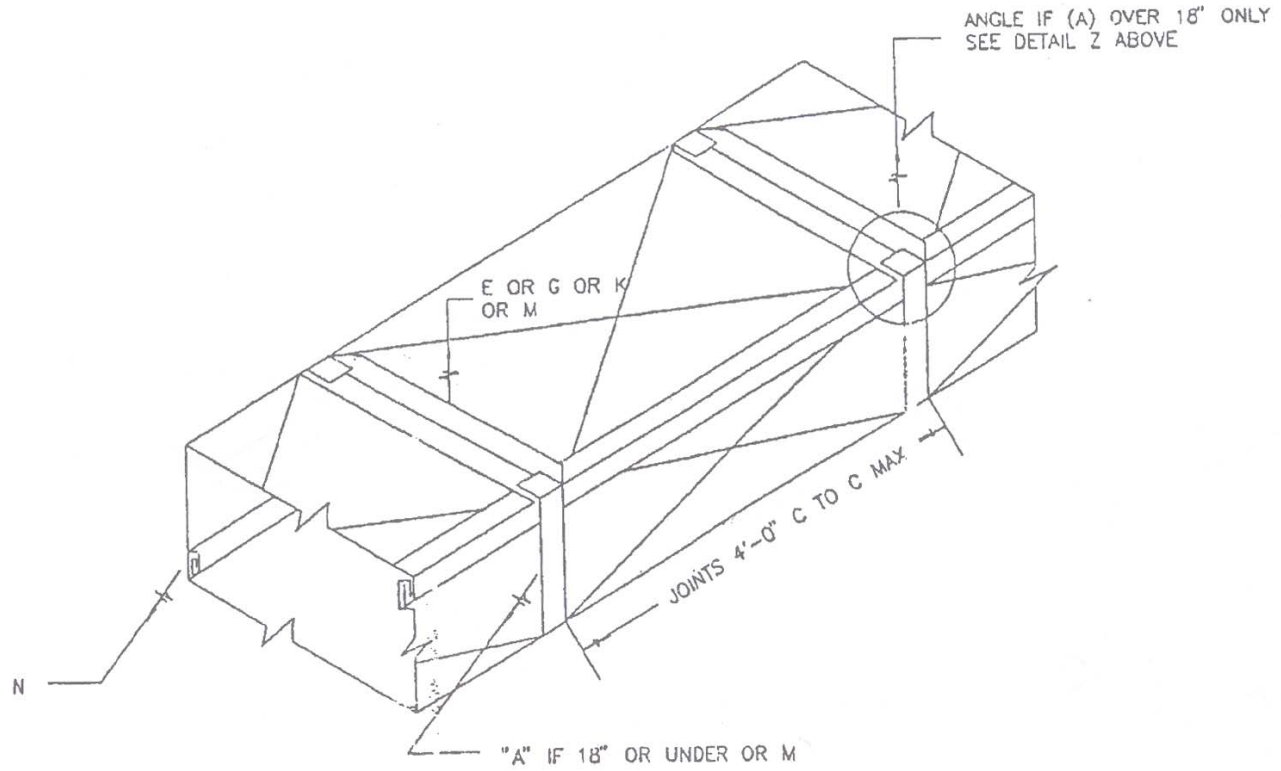
DUCT HANGER & INSTALLATION OF SUPPLY AIR



DUCTS THRU 18" MAXIMUM DIMISION DETAILS

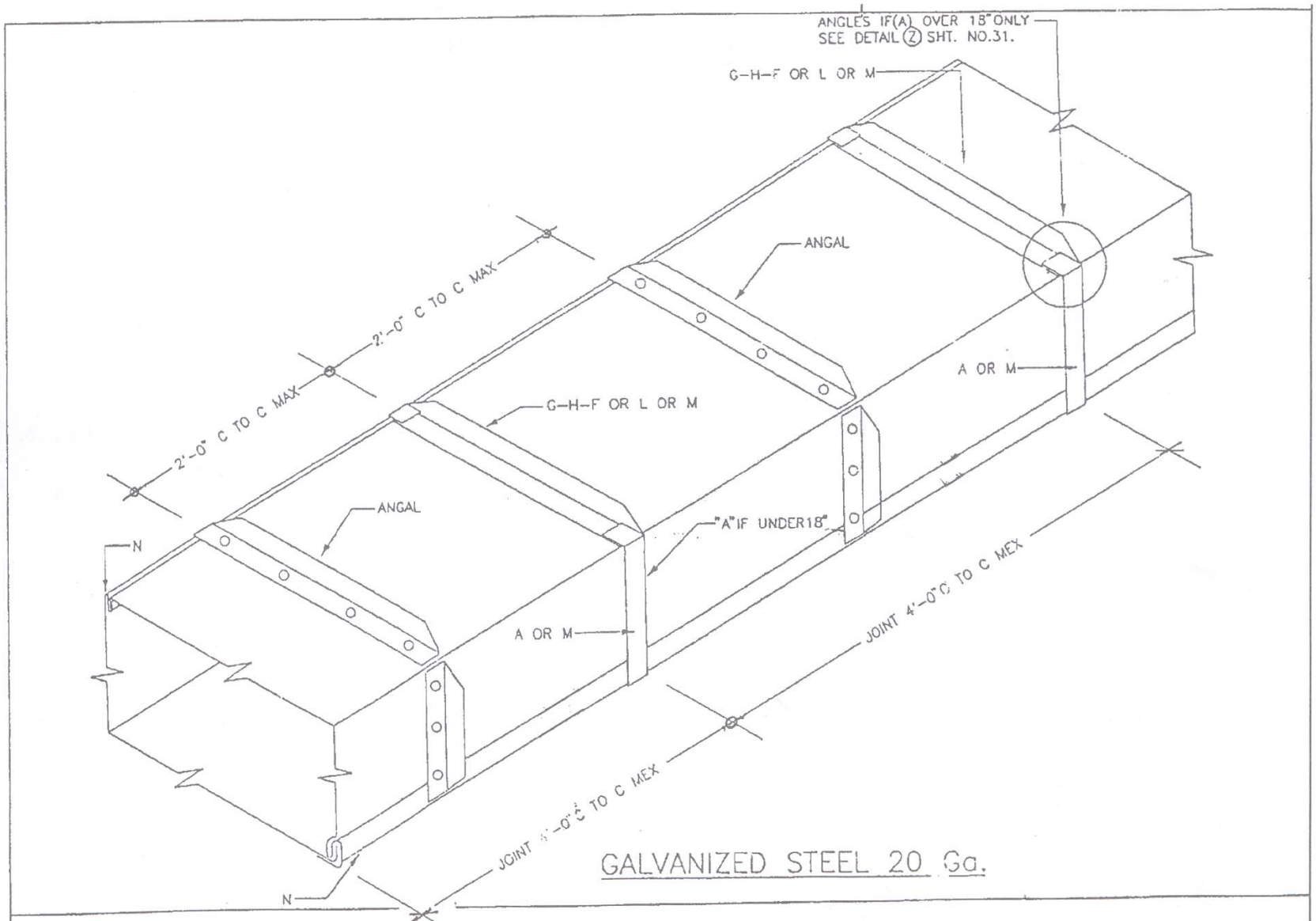


DUCTS 19" THRU 30" DETAIL

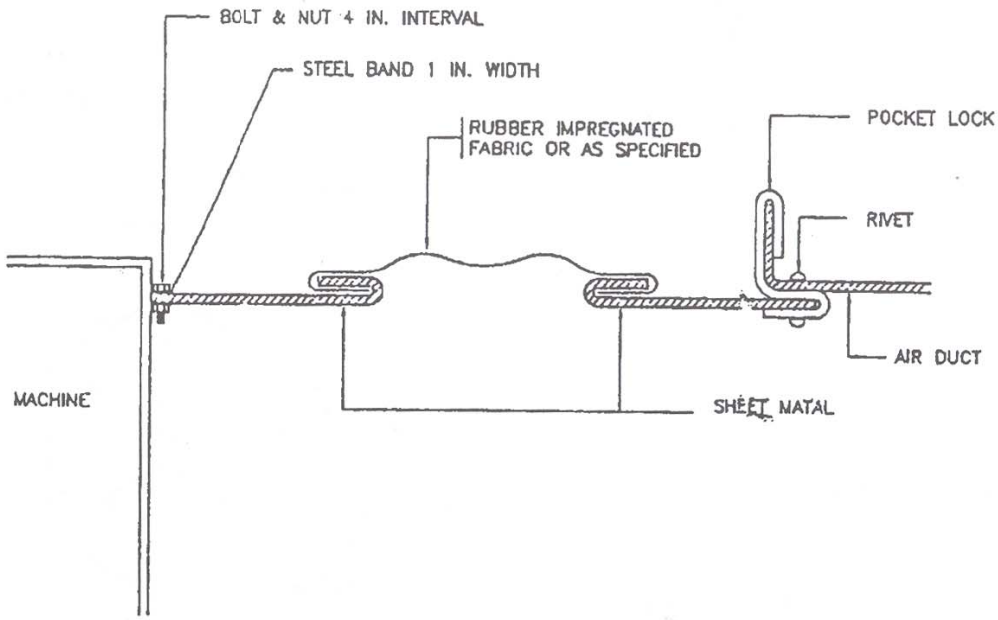


GAL. STEEL 22 Ga. TO 54"
GAL. STEEL 20 Ga. TO 60"

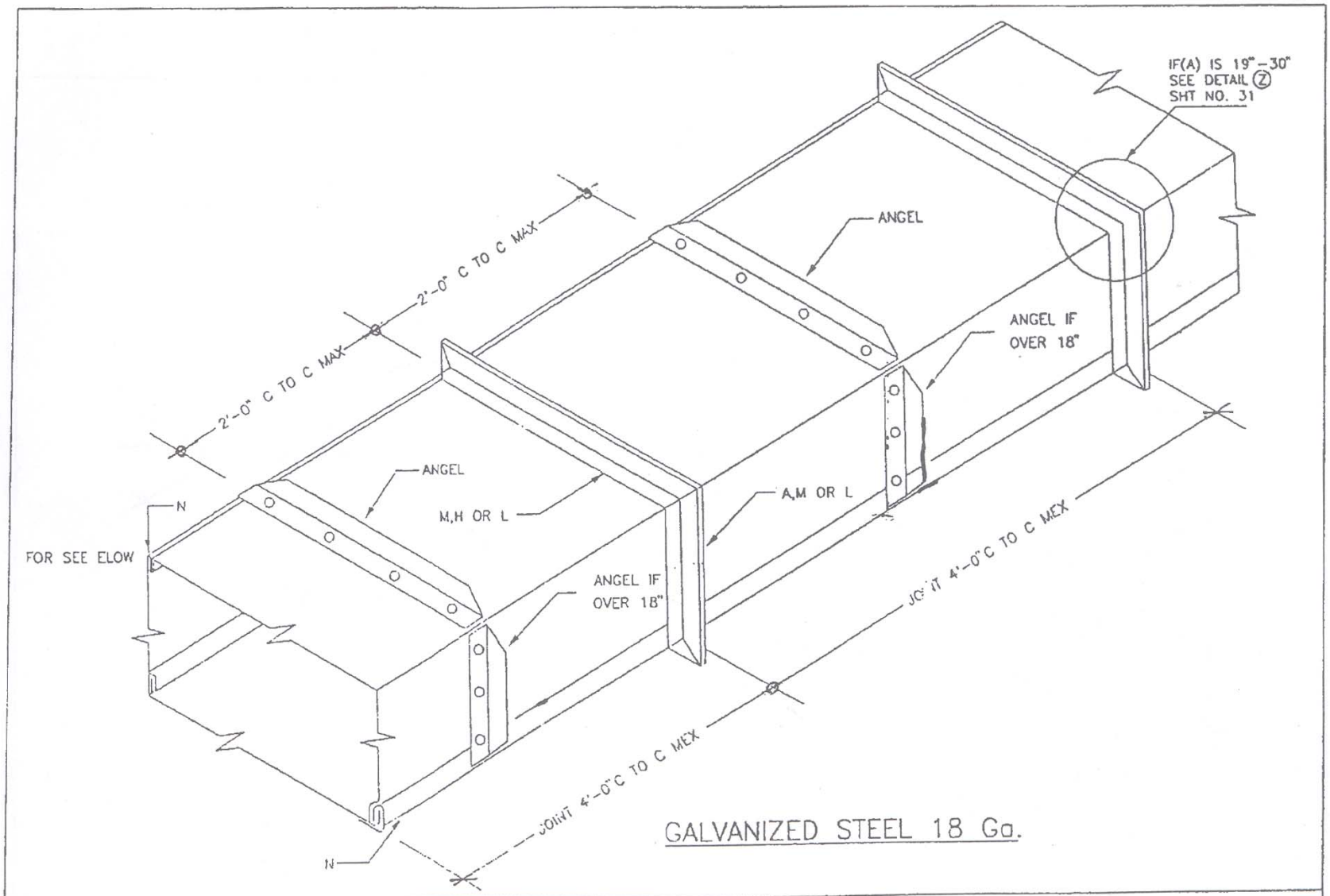
DUCTS 31" THRU 60" DETAIL



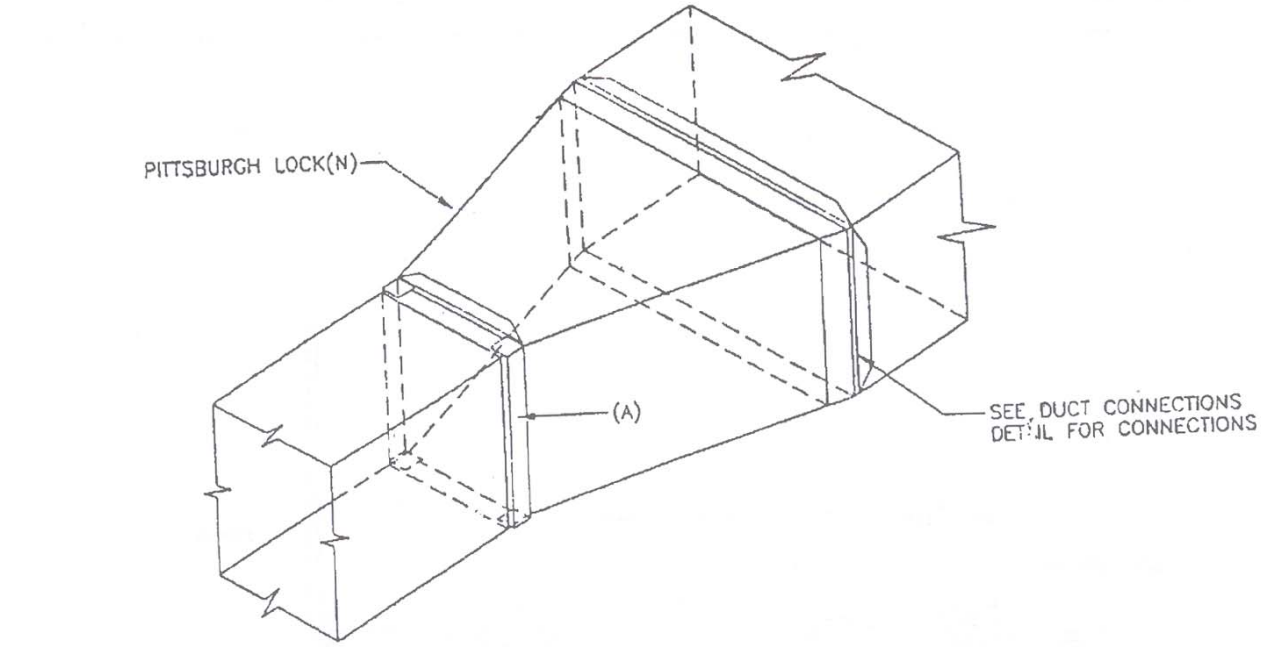
DUCTS 61" THRU 84" DETAIL

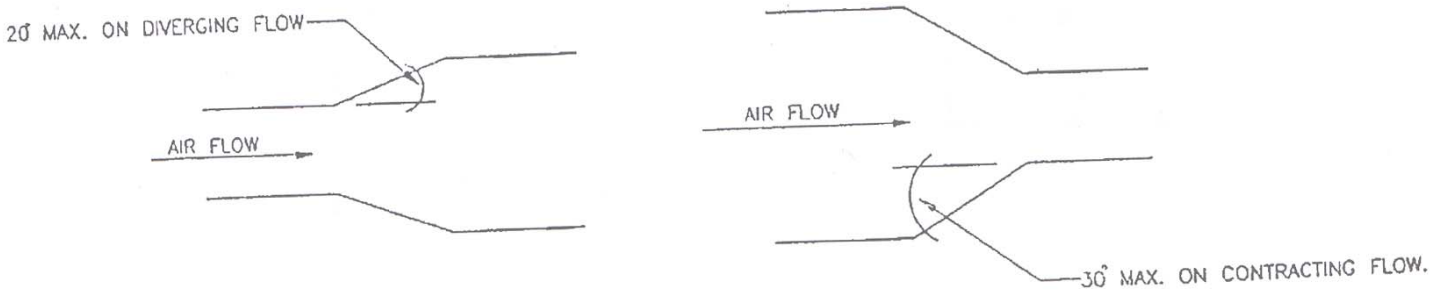


FLEXIBLE DUCT CONNECTION

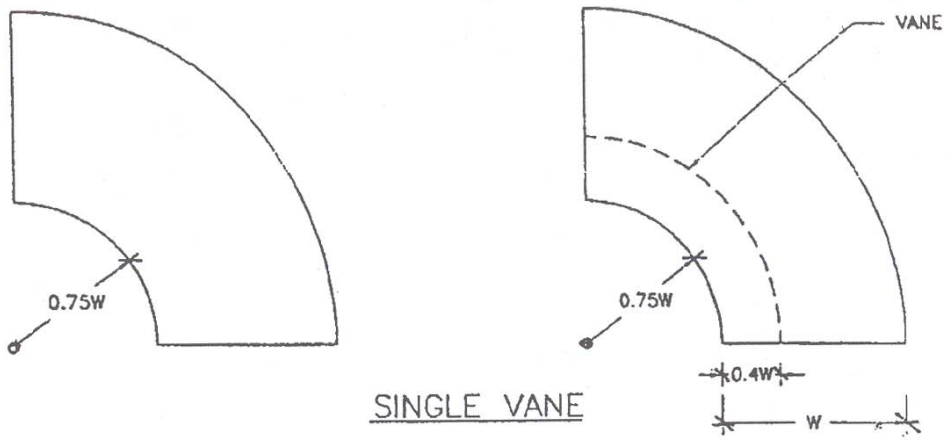


DUCTS 85" AND OVER DETAIL



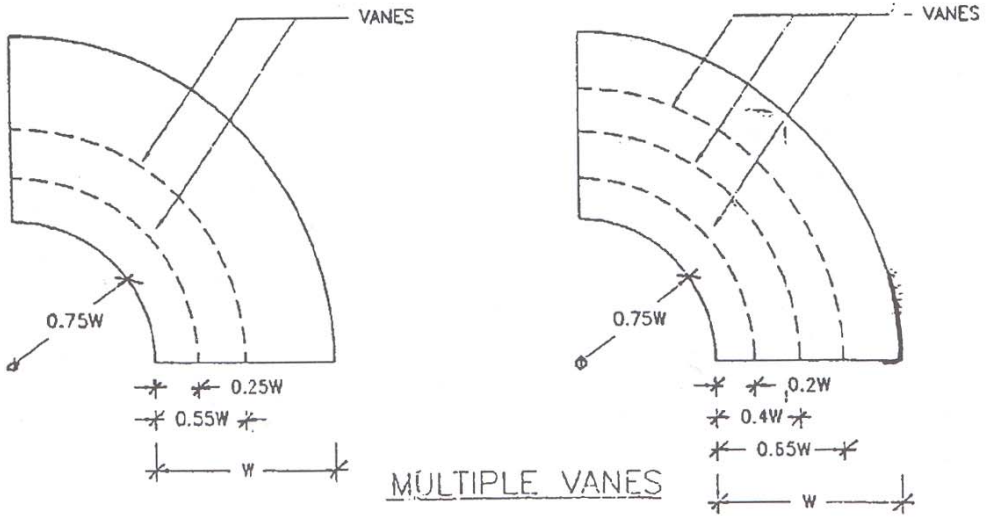


TAPERS-OFF SETS DETAIL



SINGLE VANE

DUCT WIDTH UP TO 12 INCHES. DUCT WIDTH 13–20 INCHES

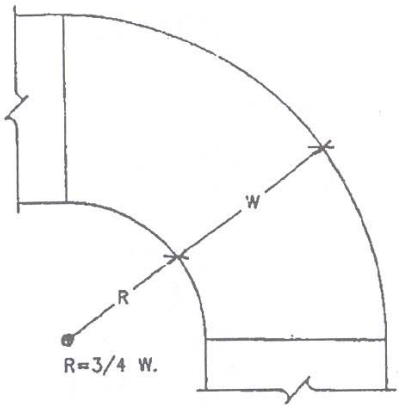


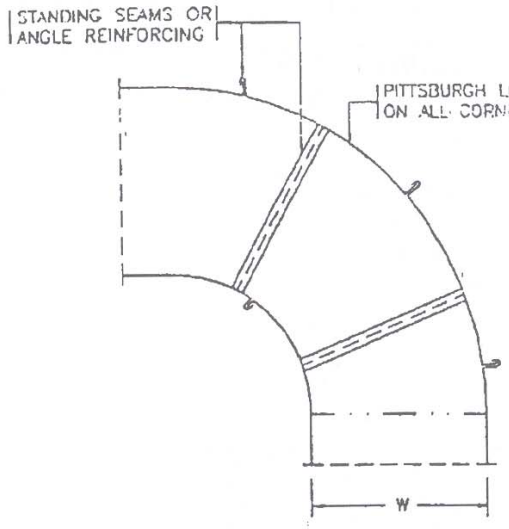
MULTIPLE VANES

DUCT WIDTH 21–40 INCHES. DUCT WIDTH 41 INCHES AND LARGER.

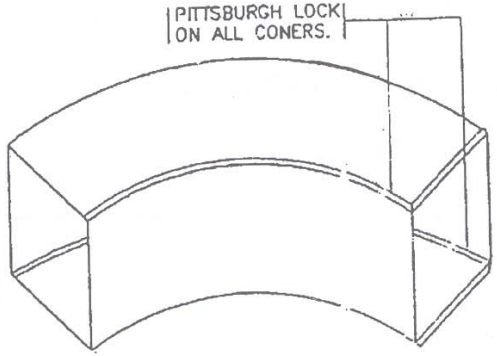
RADIUS ELBOW TURING VANES

STANDARD RADIUS ELBOW.



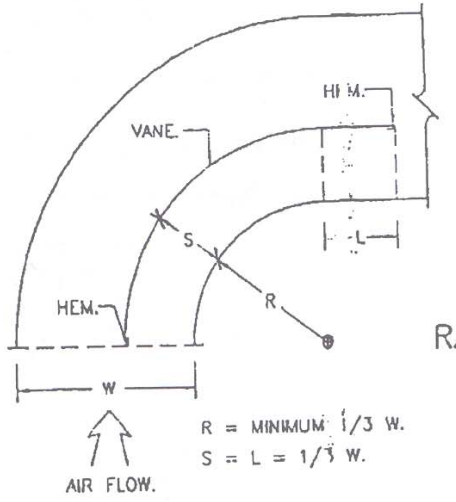


LARGE ELBOW CONSTRUCTION
REQUIRING MULTIPLE SHEETS.



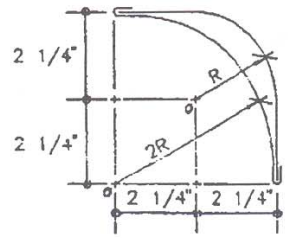
SMALL ELBOW CONSTRUCTION SHORT.

SEE DUCT CONNECTION DETAILS CONNECTION.

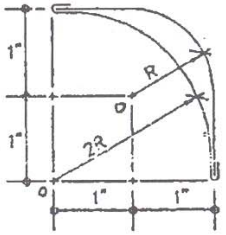


RADIUS ELBOW.

ELBOW CONSTRUCTION



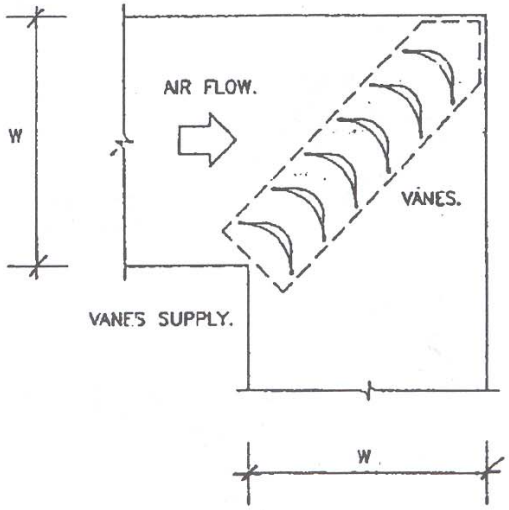
VANES FOR DUCT SIZE TO 20 INCHES WIDTH.



VANES FOR DUCT SIZE 21 INCHES WIDTH AND LARGER.

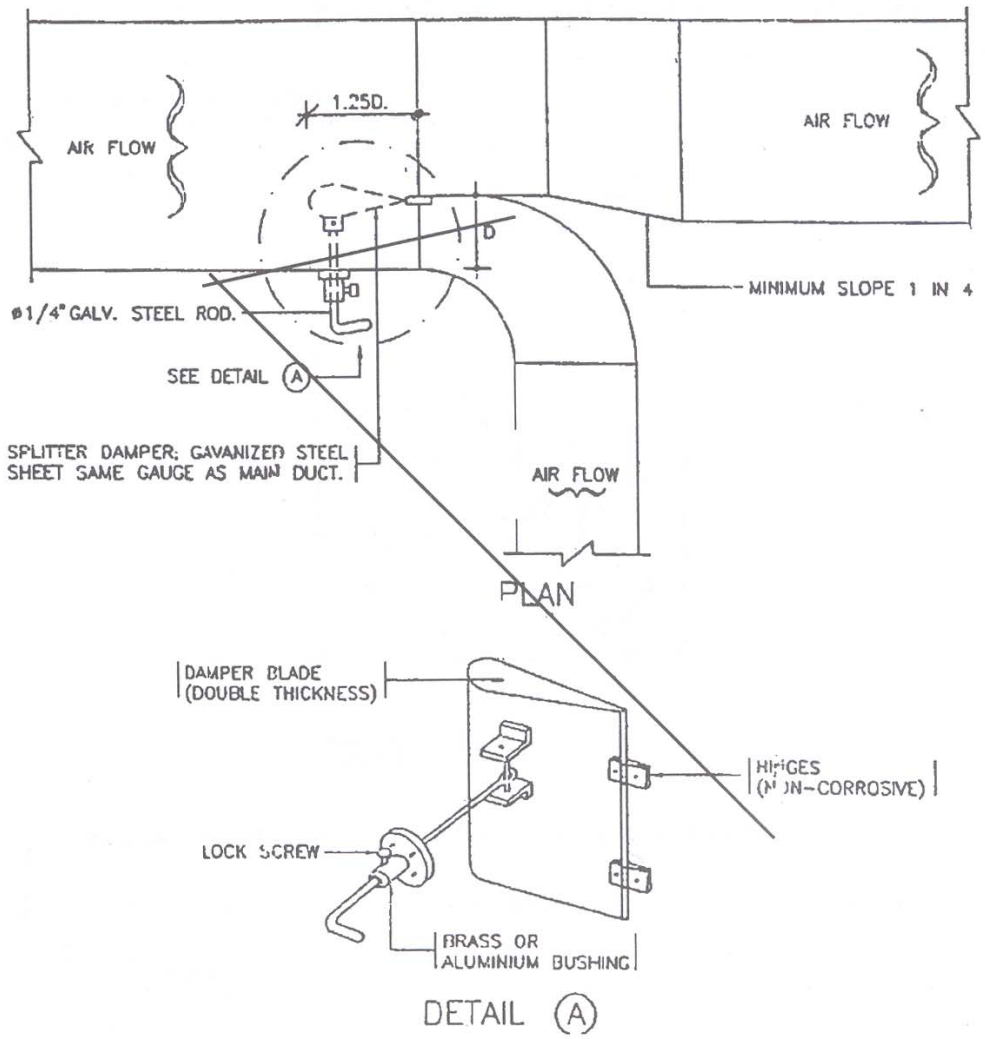
NOTE.
NUMBER OF VANES REQUIRED EQUAL TO 3/4 TIMES DUCT WIDTH IN INCH.

TURNING VANE.



NOTE.
VANES ARE SUPPORTED BY SEPARATE FRAME
BOLTED OR REVETED TO ELBOW.

SQUARE ELBOW TURING VANES



SPLITTER DAMPER