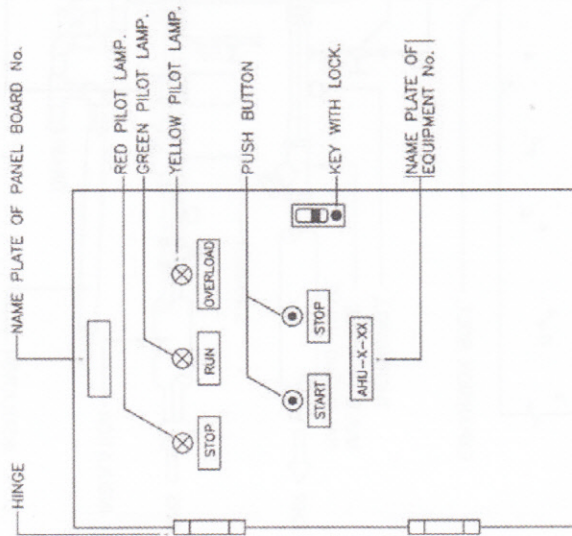


CEILING MOUNTED AIR HANDLING UNIT INSTALLATION DETAIL.



(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 (AT)	Star-Delta (AT)				
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




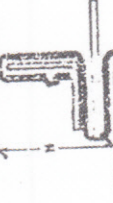
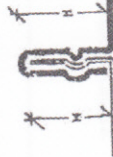


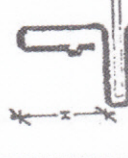
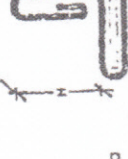
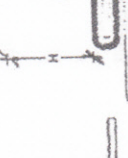
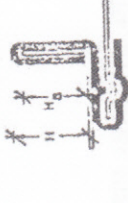
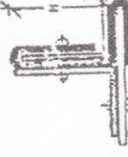
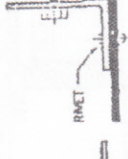
NOTE:

1. THIS TABLE FOR MOTOR 3φ ONLY.

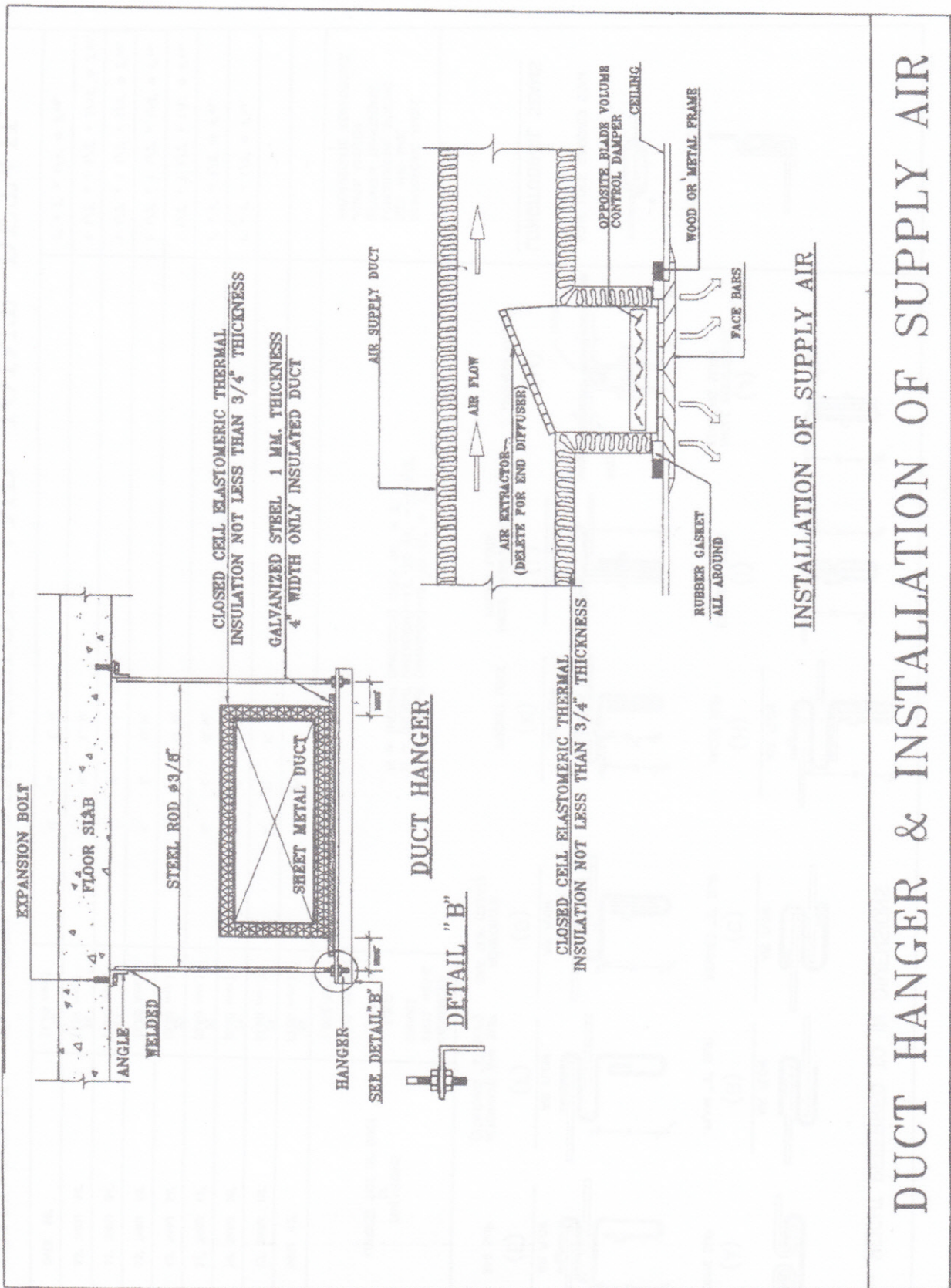
2. MOTOR LESS THAN 1HP SHALL BE DOL STARTING,CB 1P,15AT AND 2x2.5-THW,1x2.5-THW/G,1/2"IMC

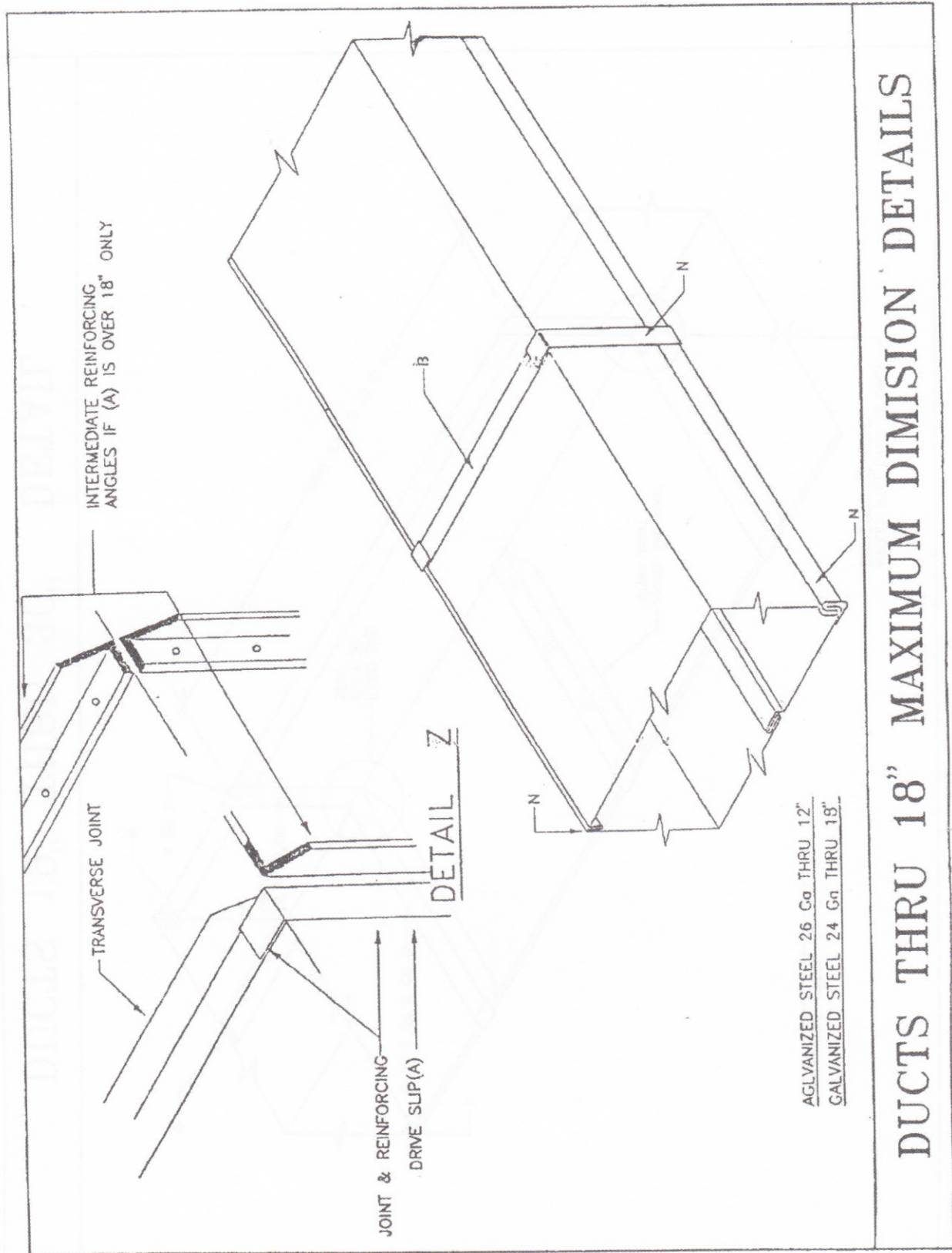
DEE01

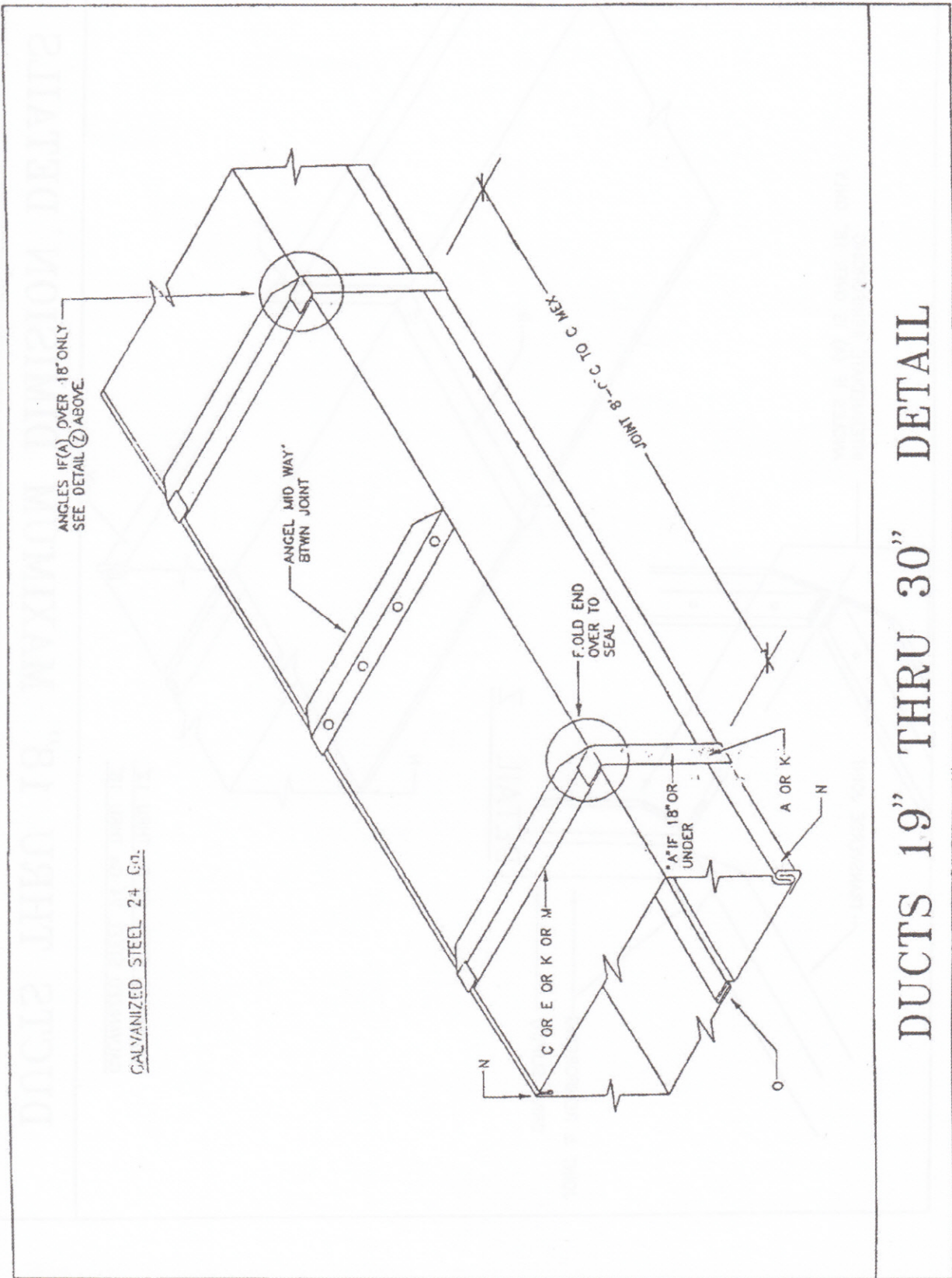
SIZING TABLE FOR CIRCUIT BREAKER , WIRING AND CONDUIT

H = HEIGHT REFERRED TO IN DIMENSIONS		LONGITUDINAL SEAMS		REINFORCING ANGLE SIZE AND MAX. LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS AND/OR INTERMEDIATE REINFORCING.			
 <p>(A) DRIVE SLIP</p>	 <p>(B) PLAIN "S" SLIP</p>	 <p>(C) HEMMED "S" SLIP</p>	 <p>(H) ANGLE SLIP</p>		 <p>(I) STANDING SEAM</p>	 <p>(J) ANGLE REINFORCED STANDING SEAM</p>	 <p>PITTSBURGH LOCK N</p>
 <p>(E) BAR SLIP</p>	 <p>(F) ALTERNATE BAR SLIP (STANDING "S" SLIP)</p>	 <p>(G) REINFORCED BAR SLIP (CLEAN)</p>	 <p>(K) POCKET LOCK</p>	 <p>(L) ANGLE REINFORCED POCKET LOCK</p>	 <p>(M) COMPANION ANGLES</p>	<p>LONGITUDINAL SEAMS</p>	
<p> H = (HEIGHT DIMENSION) - UP TO 42" = 1" - 1/2" H = (HEIGHT DIMENSION) - 42" TO 96" = 1" - 1/2" H = (HEIGHT DIMENSION) OVER 96" = 2" </p>							
<p>DIMENSIONS OF LONGEST SIDE OF DUCT</p>	<p>GALVANIZED STEEL METAL GAUGES S.W.G.</p>	<p>ZINC COATING 1.002/FT²</p>					
THRU 12'	26 (0.50 mm.)		A	B	K.		
13' THRU 18'	24 (0.60 mm.)		A	B	K.		1" x 1" x 1/8" @ 4'cc.
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.	C.	G. M.		1 1/2" x 1 1/2" 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" @ 2'cc.
61' THRU 84'	20 (1.00 mm.)		F.	H.	F. J. M.		1 1/2" x 1 1/2" x 3/16" @ 2'cc.
85' THRU 96'	18 (1.20 mm.)		J.	L.	N.		2" x 2" x 1/4" @ 2'cc.
OVER 96'	18 (1.20 mm.)		J.	L.	N.		

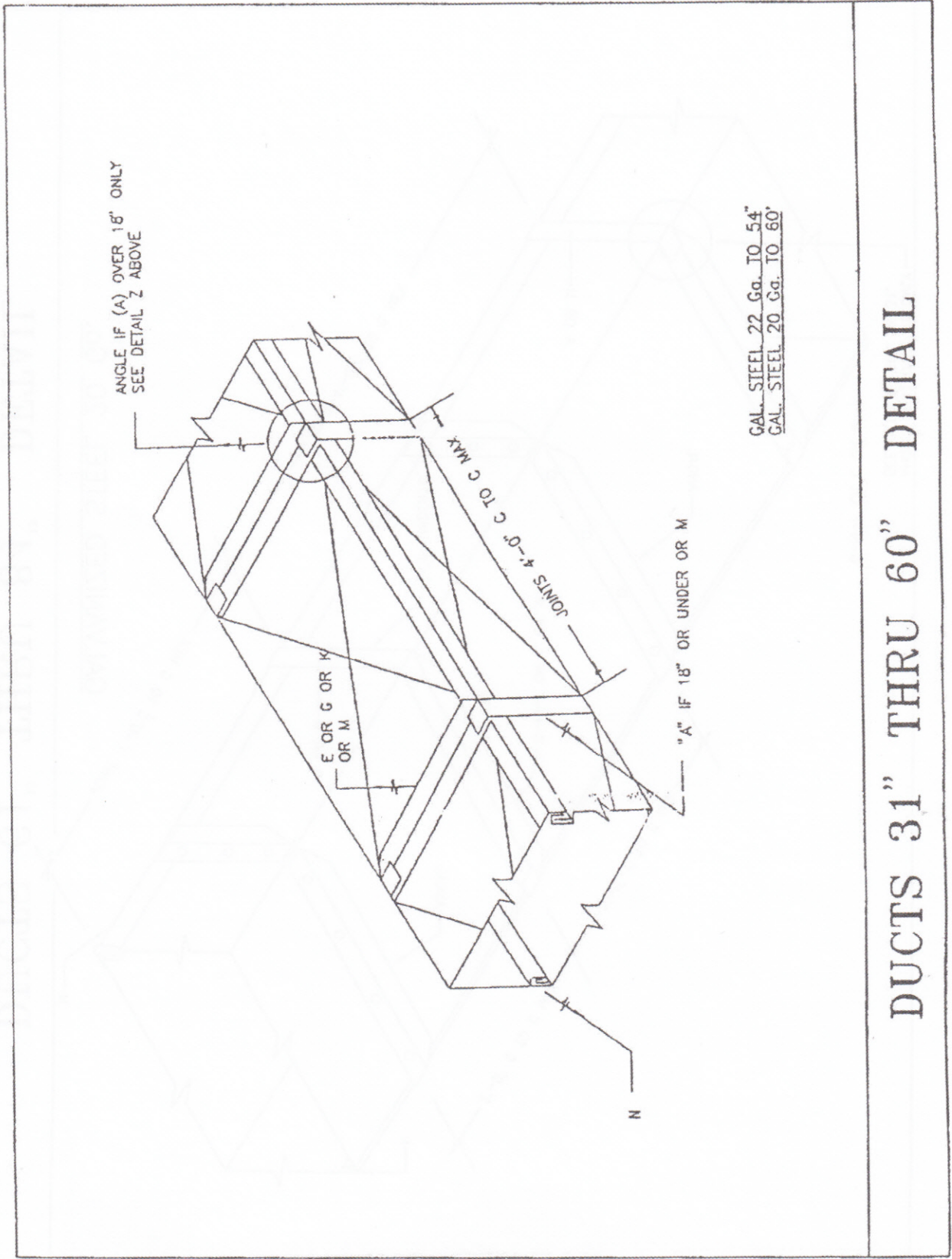
TYPICAL DUCT CONNECTION AND JOINT DETAIL

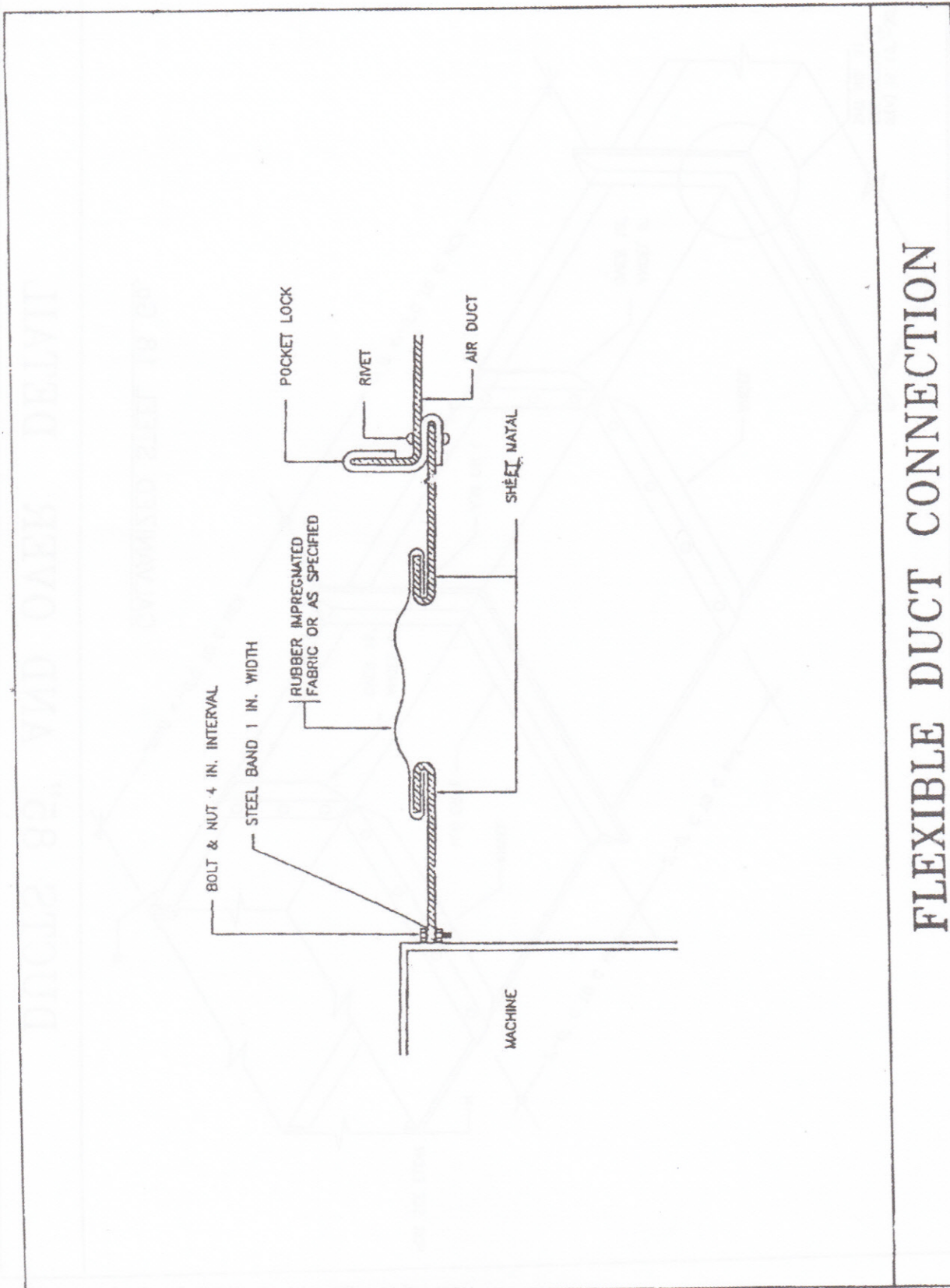






DUCTS 19" THRU 30" DETAIL





FLEXIBLE DUCT CONNECTION

