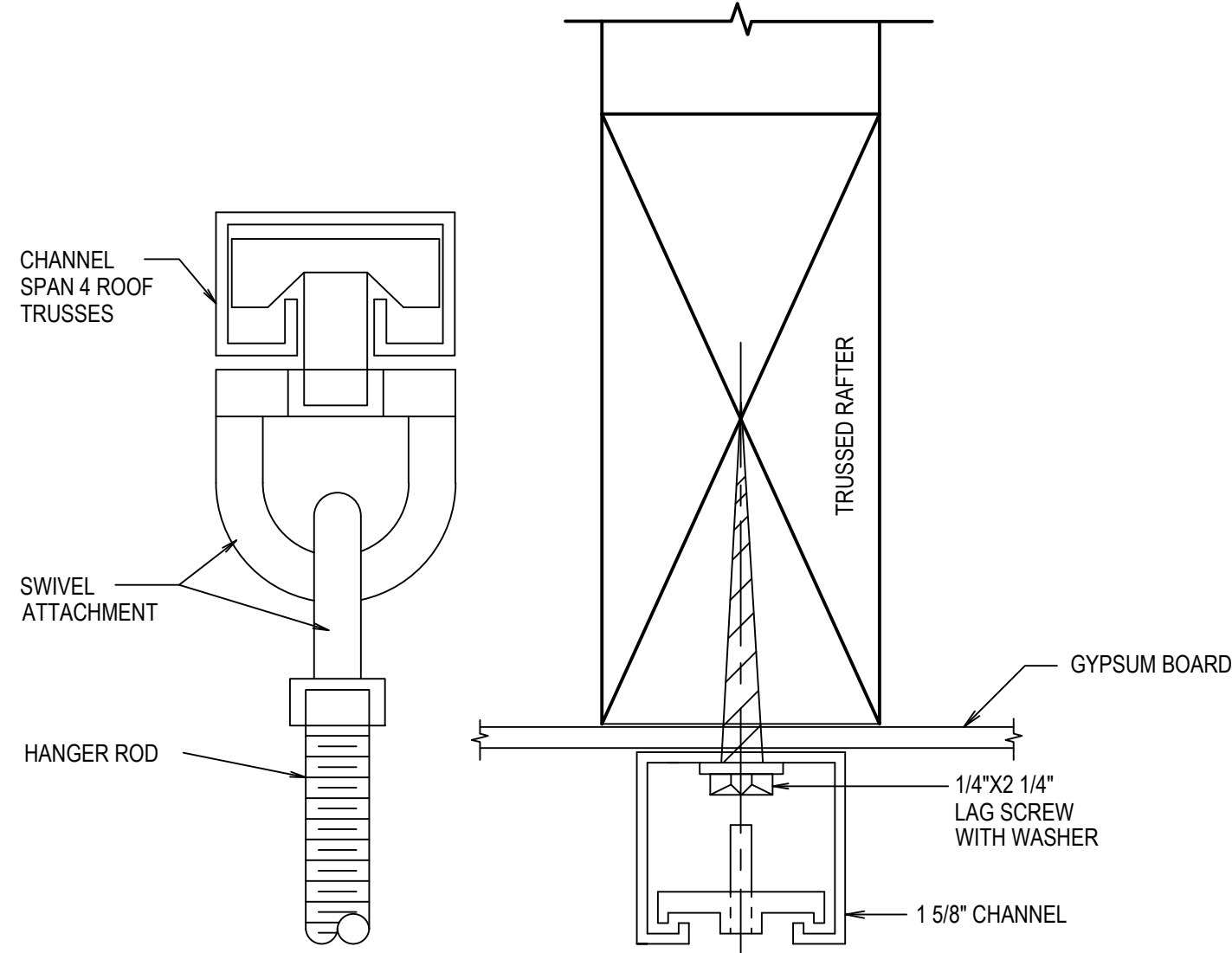
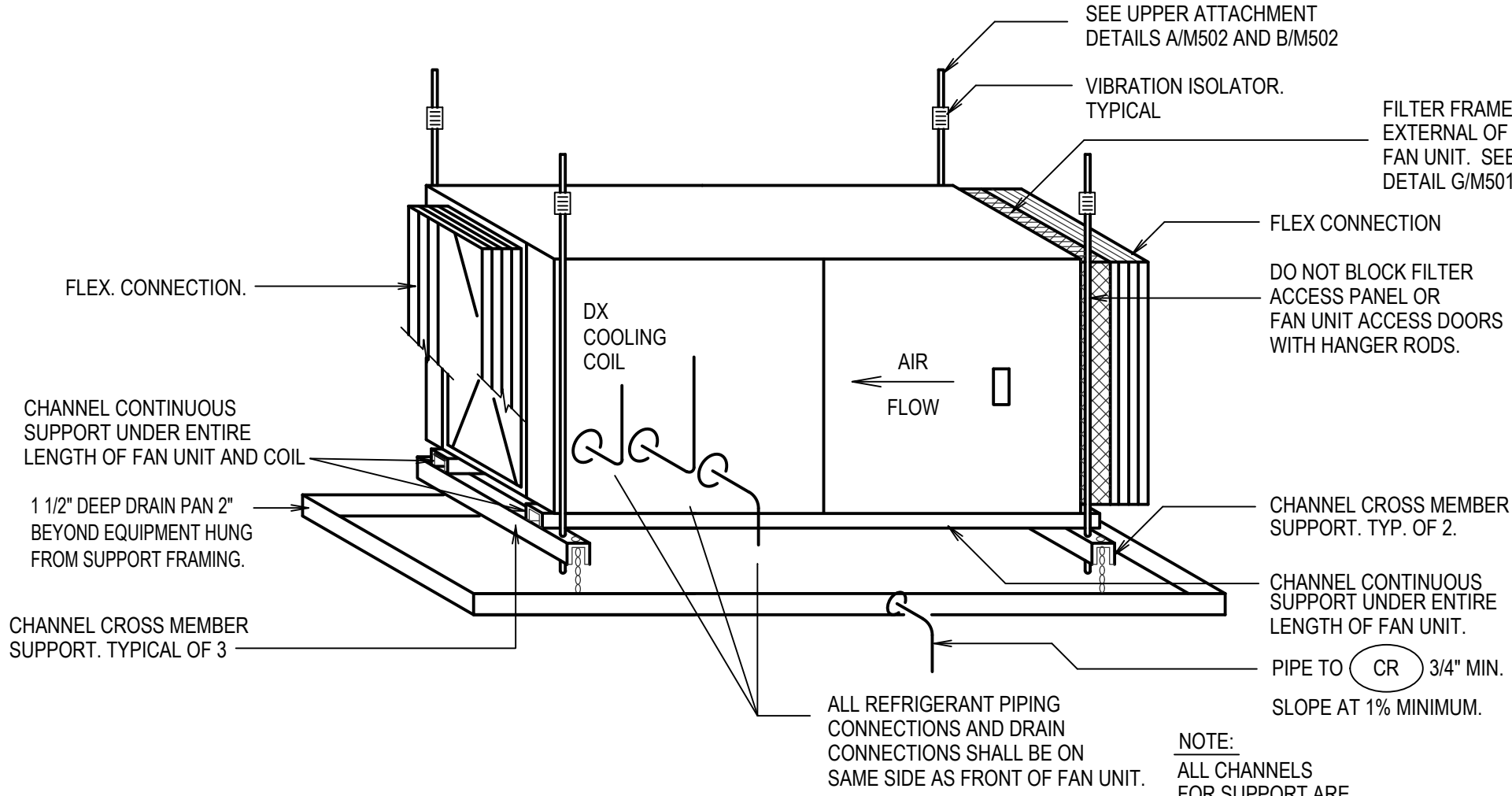




UPPER ATTACHMENT DETAIL

SCALE: NONE



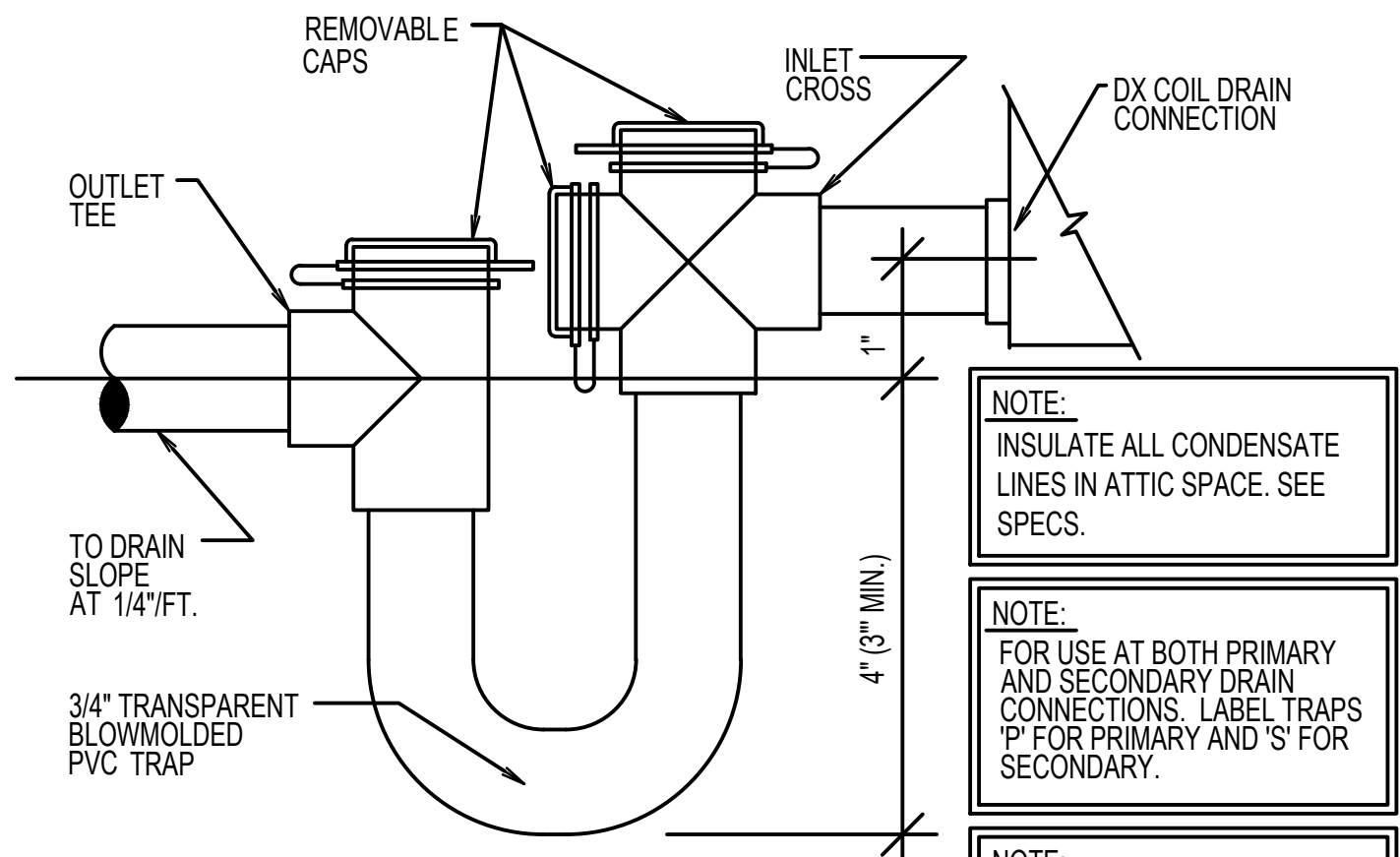
FAN UNIT SUPPORT DETAIL

NO SCALE

AIR HANDLER SCHEDULE									
MARK	MIN REQ'D CAP		MINIMUM C.F.M.	MINIMUM O.A. CFM	EXT. S.P. IN.W.G.	POWER	M O T O R		REMARKS
	TOT. MBH	SEN. MBH					MINIMUM H.P.	SPEED	
AH 1	92.0	92.0	3,000	750	0.75"	208/3/60	3	1725 RPM	CARRIER MODEL 40RUQ08. TWIN AIR HANDLING UNITS TOGETHER
AH 2	92.0	92.0	3,000	750	0.75"	208/3/60	3	1725 RPM	CARRIER MODEL 40RUQ08. TWIN AIR HANDLING UNITS TOGETHER

CONDENSING UNIT SCHEDULE										
SYM.	NOMINAL TONS	EAT	POWER	MCA	FUSE	EER	REFR.	NUMBER CONNECTIONS		REMARKS
								LIQUID	SUCTION	
CU 1	15	105	208/3/60	65.6/65.6	90/90	10.6	R410a	2	2	CARRIER MODEL 38AUQ16 WITH 2 CIRCUITS. PROVIDE ADEQUATE CLEARANCE.

OUTSIDE AIR CALCULATIONS											
FIXED SEATS	BENCH LENGTH	LENGTH / PERSON	PEOPLE ON BENCHES	TOTAL PEOPLE	OA CFM / PERSON	AREA	OA CFM / SQ FT	OUTSIDE AIR CFM		TOTAL CFM OUTSIDE AIR	
								PEOPLE	SQ FT		
39	336 FEET	1.5 FEET	336 / 1.5 = 224	39+224=263	5	2256 SF	0.18	263 x 5=1315	2256 x 0.18 = 135	1315 + 135 = 1450	



DX COIL CONDENSATE DRAIN DETAIL

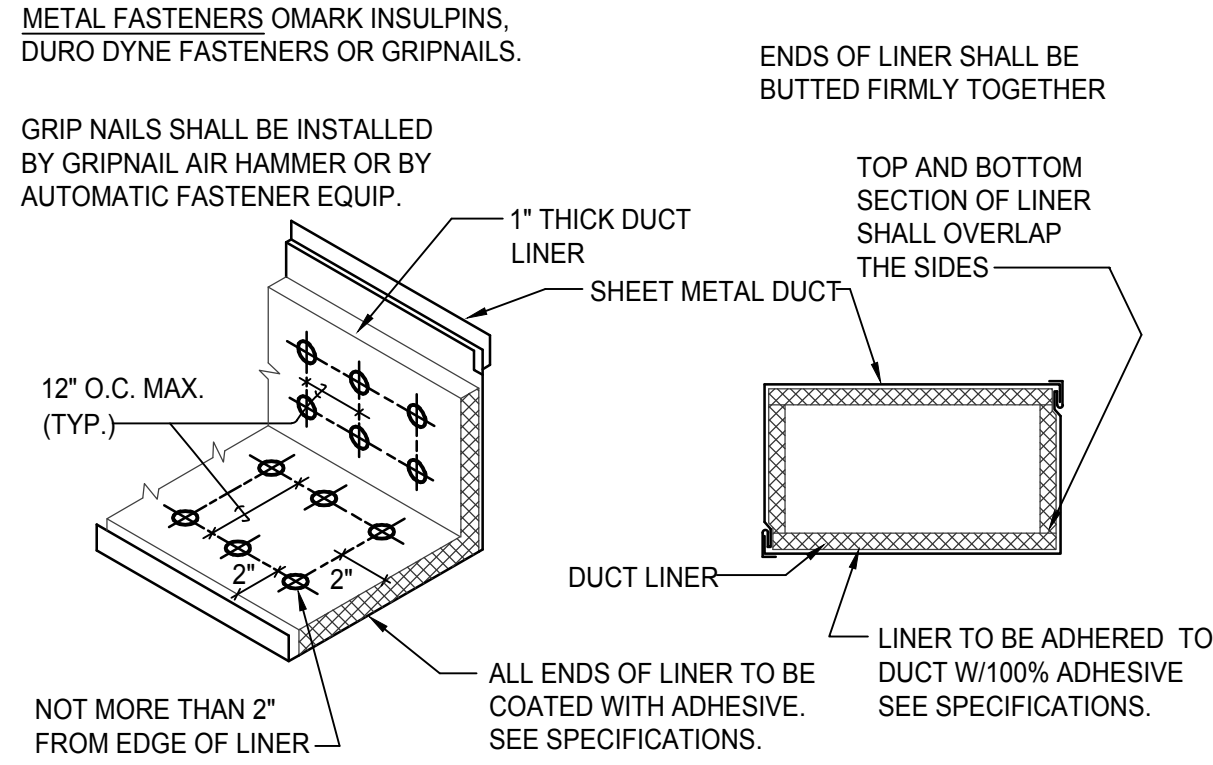
SCALE: NONE

DIMENSION OF LONGEST SIDE, INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	MINIMUM REINFORCING ANGLE SIZE AND MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS &/OR INTERMEDIATE REINFORCING	TRANSVERSE REINFORCING (1)			
			AT JOINTS			
			MIN. H. IN.	DRIVE SLIP	HEMMED S SLIP	ALTERN'T BAR SLIP
UP THRU 12	26	NONE REQUIRED	1	26	26	24
13 - 18	24	NONE REQUIRED	1	24	24	24
19 - 30	24	1"x1"x1/8" @ 60 IN	1	-	24	24
31 - 36	22	1"x1"x1/8" @ 60 IN	1	-	22	22

(1) TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED. (2) LONGITUDINAL JOINTS TO BE PITTSBURG OR SNAP LOCK TYPE.

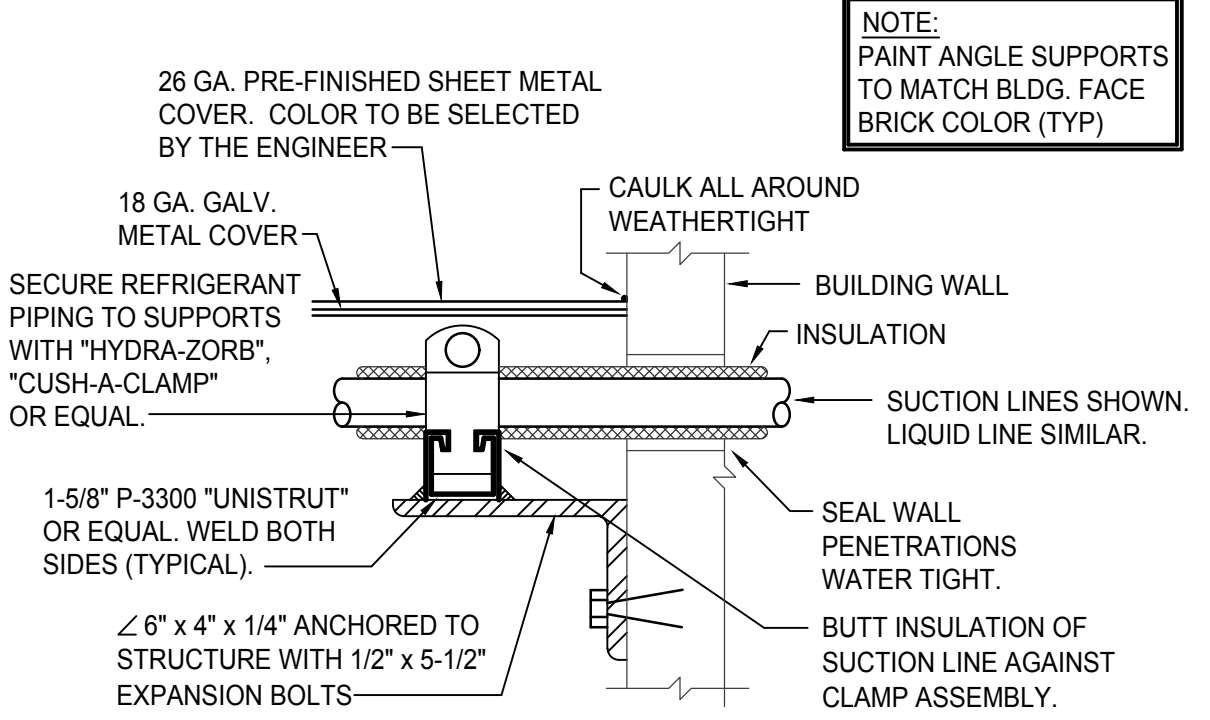
DUCT CONSTRUCTION DETAIL

SCALE: NONE



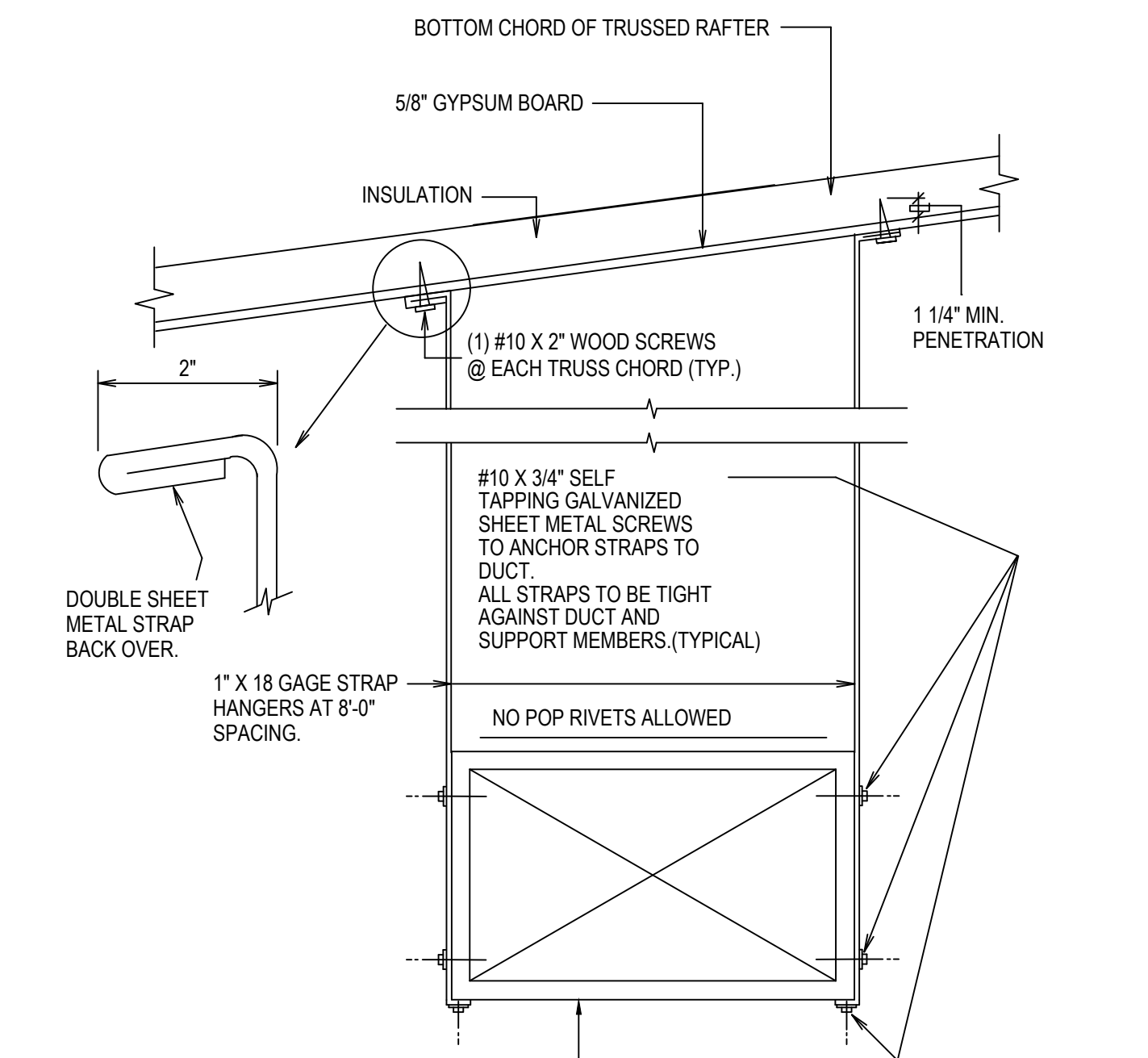
DUCT LINER DETAIL

NO SCALE



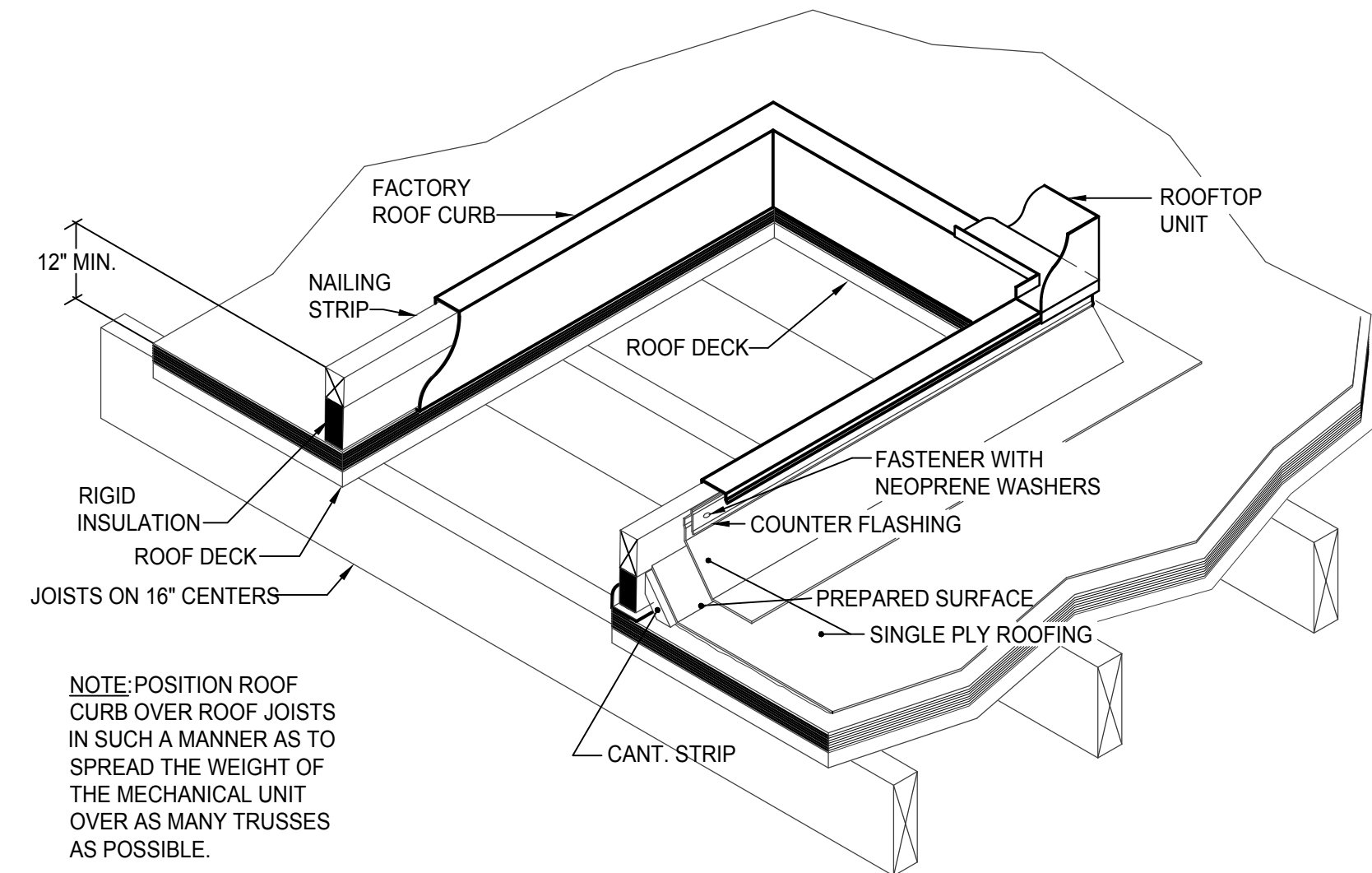
REFRIG. PIPING SUPPORT AT WALL

NO SCALE



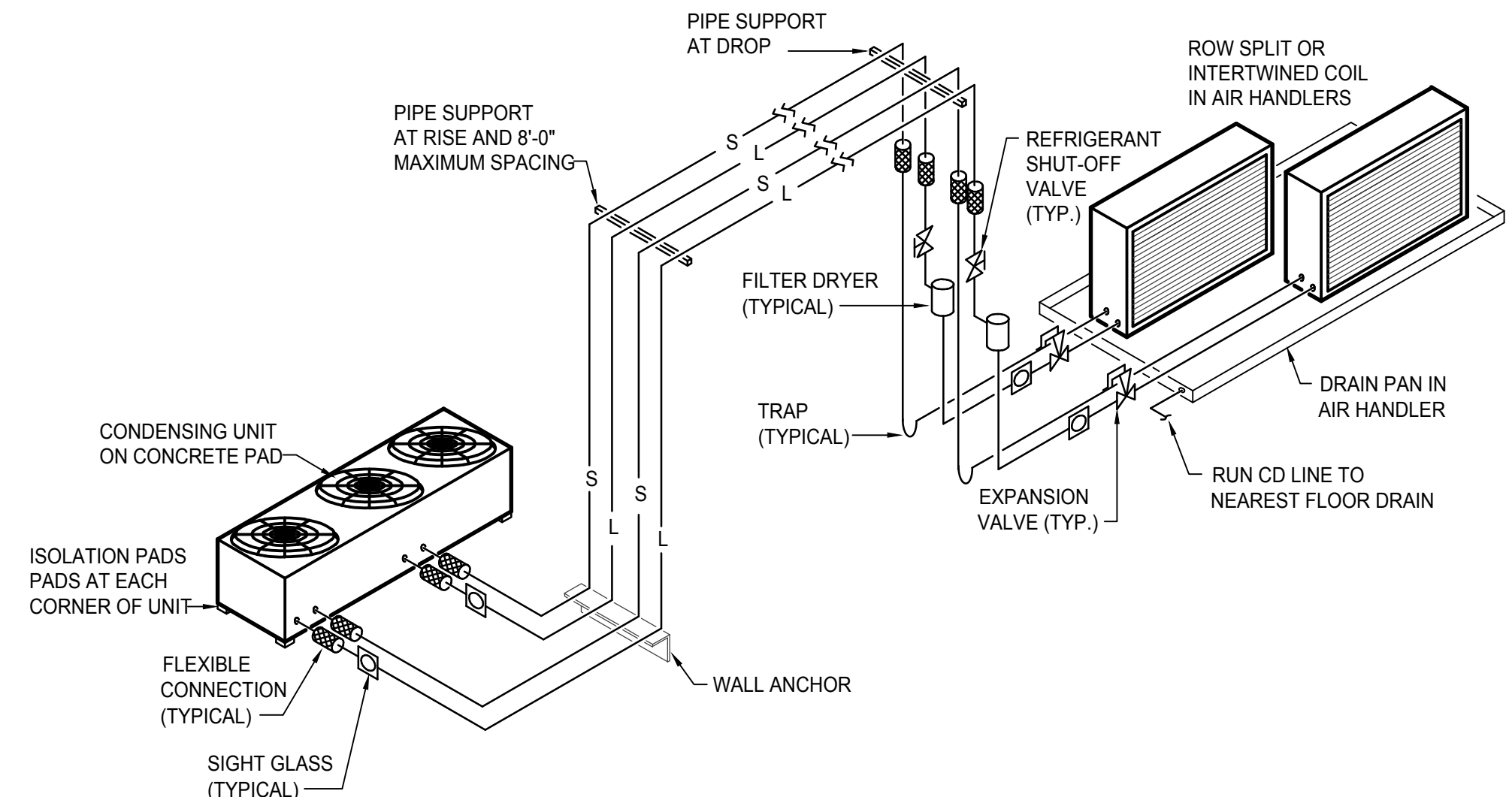
DUCT STRAP HANGER DETAIL

SCALE: NONE



TYPICAL ROOFTOP MOUNTING DETAIL

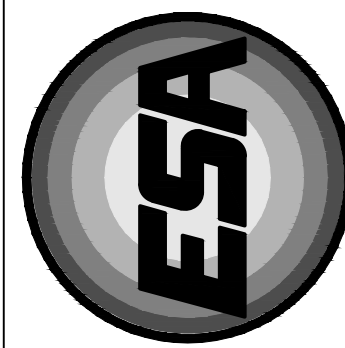
NO SCALE



REFRIGERANT PIPING DIAGRAM

NO SCALE

(7-1/2 TON AND LARGER)



Engineered Systems Associates
Mechanical Engineers

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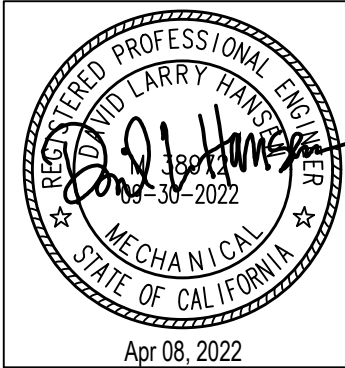
PROPERTY # 500-4004

HVAC RENOVATIONS FOR:

LDS MAYWOOD 2ND WARD
4407 RANDOLPH ST. MAYWOOD, CA

DETAILS AND SCHEDULES

PROJECT:



DRWN. BY:	CKD. BY:
JS	DH
JOB NO.	DATE:
22027	04/08/2022

SHEET:
M-2
OF: 2