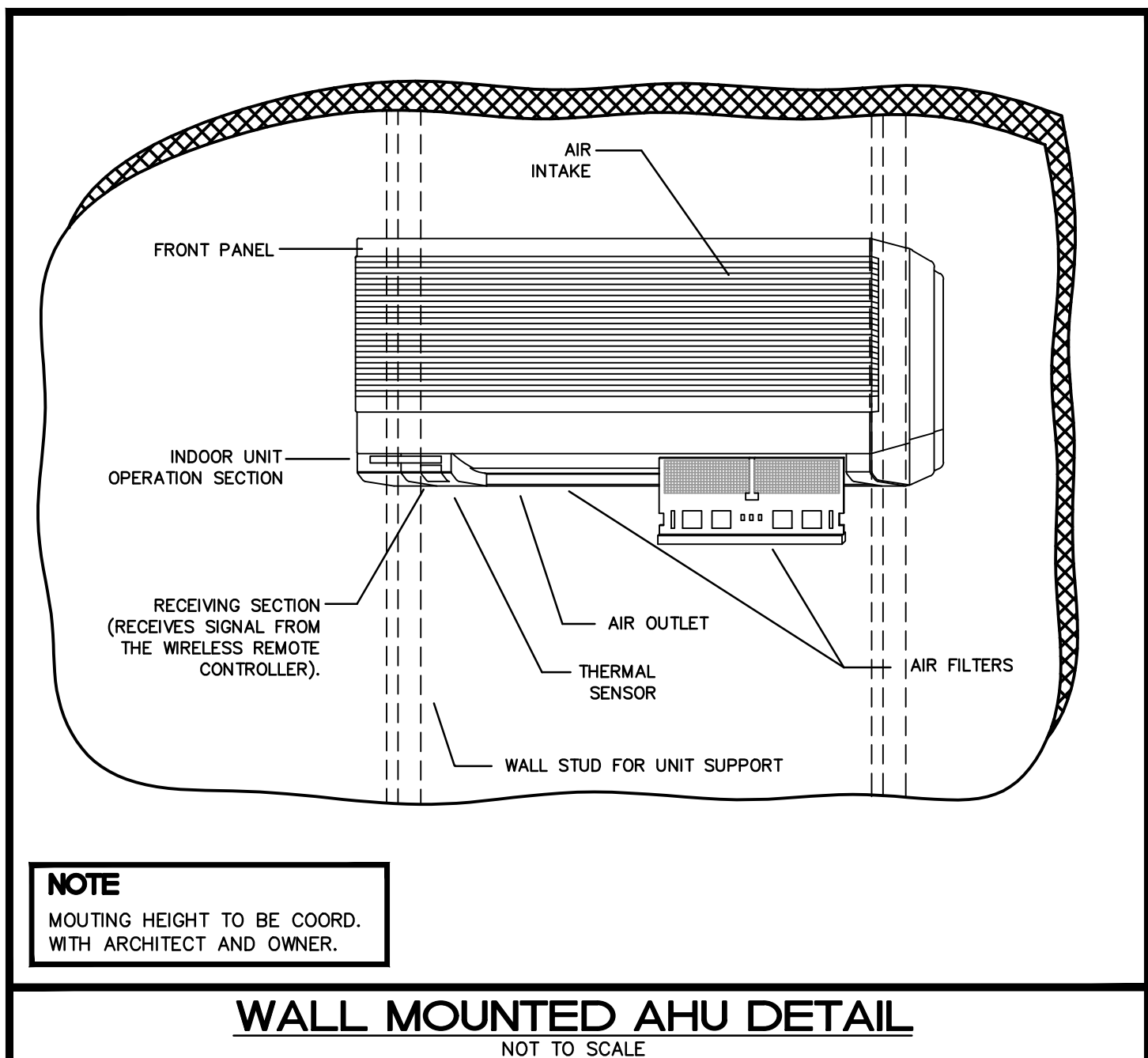
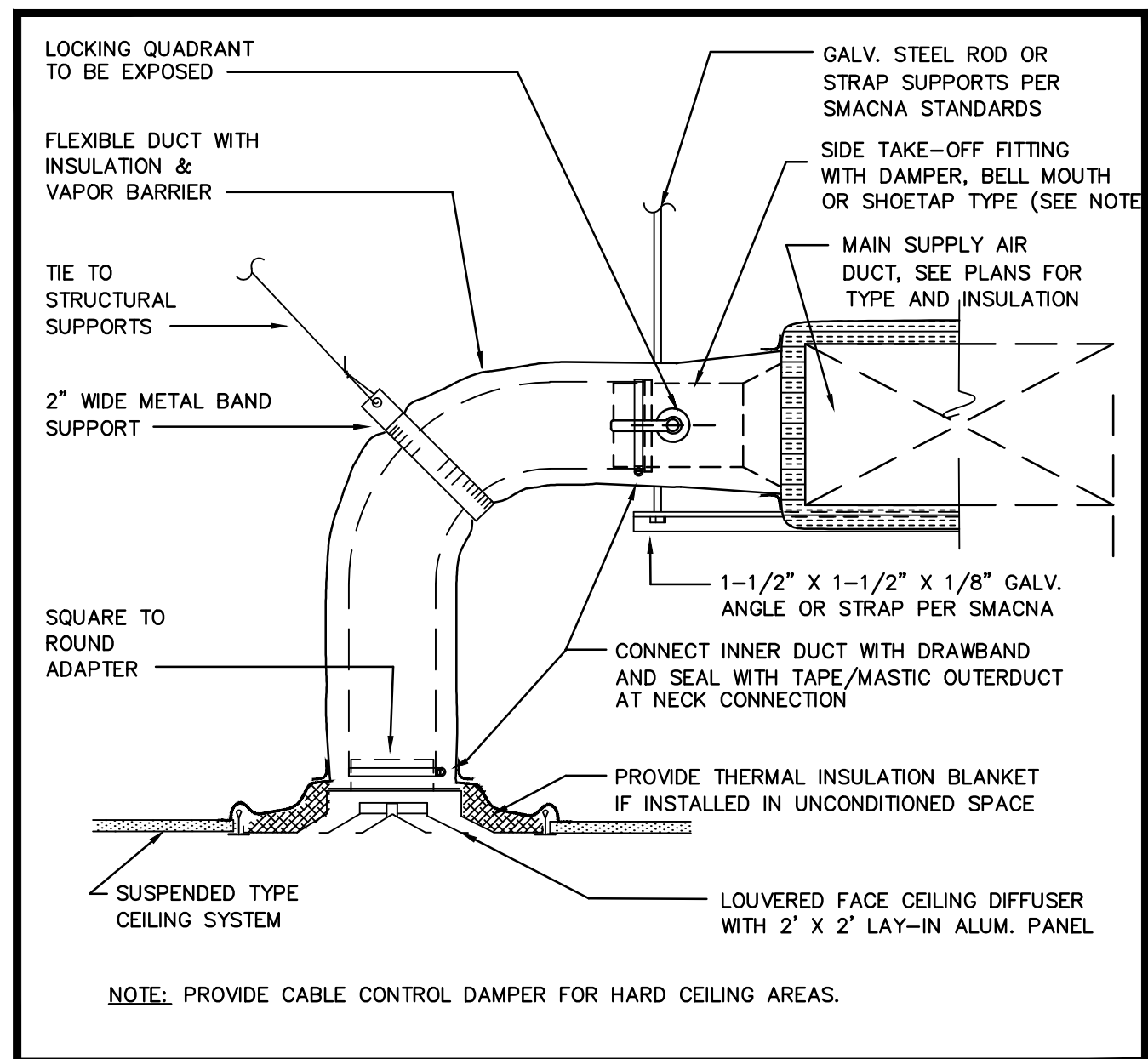
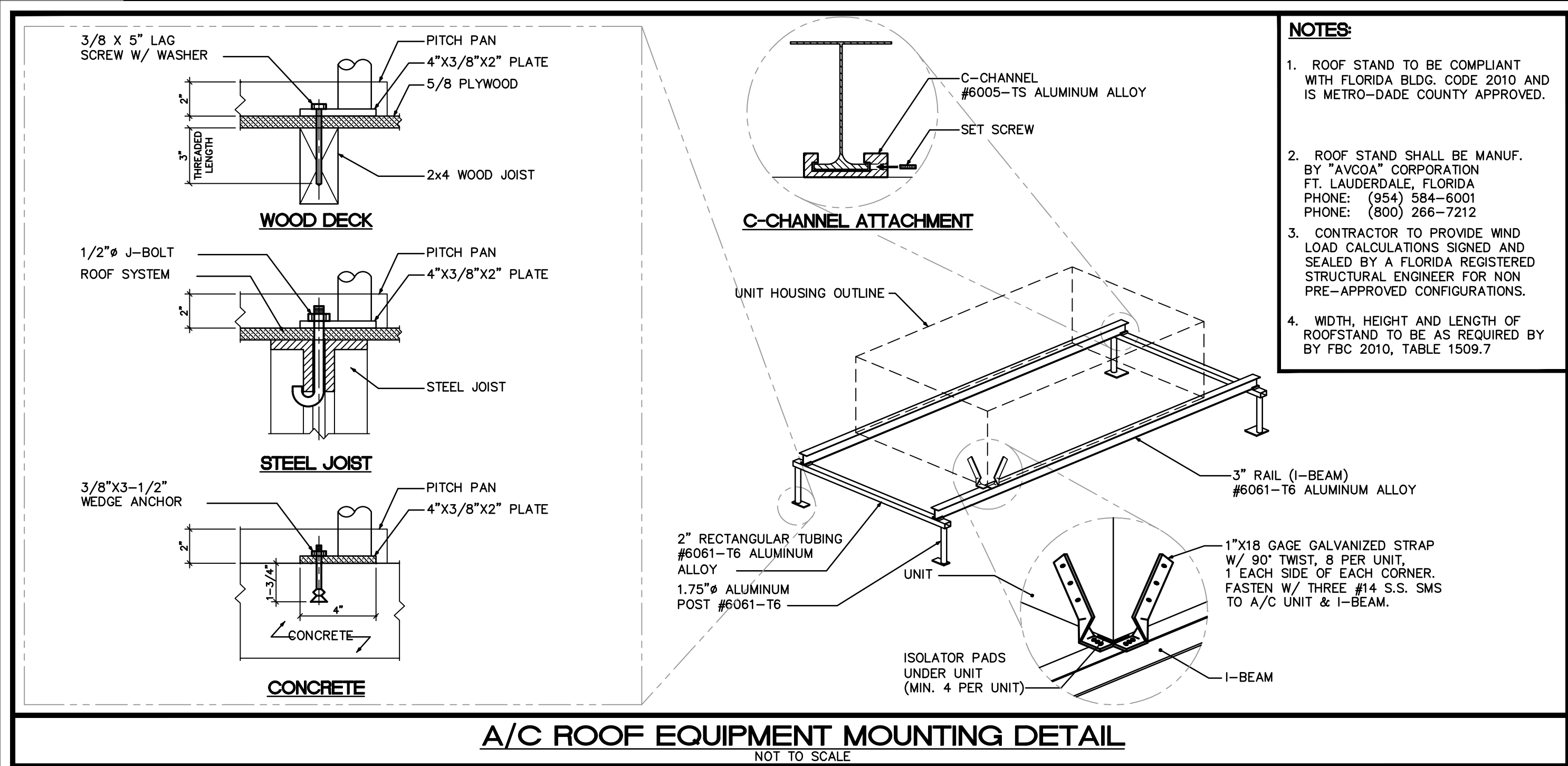
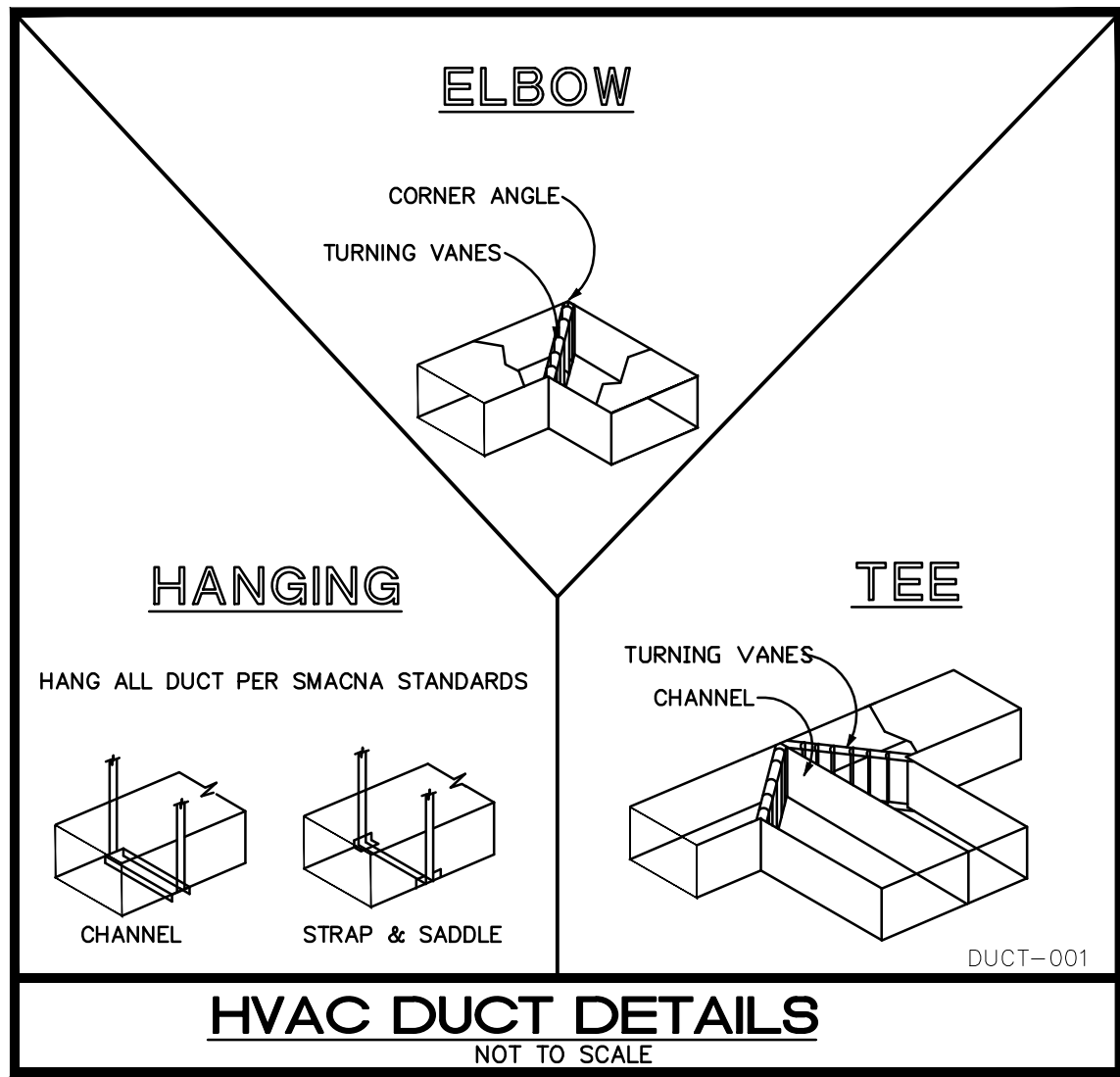


AIR CONDITIONING SPLIT SYSTEM EQUIPMENT SCHEDULE																
CONDENSING UNIT																
CU TAG	MANUFACTURER & MODEL	NOMINAL TONNAGE	CAP. STAGES	(S)EER/PLV	REFRIG./LBS	LIQ./SUCT. LINES	NO. FANS	FAN FLA(EA)	NO. COMP.	COMP.RLA(EA)	VOLTAGE/PH	MCA/MOCP	WEIGHT (LBS)	L x W x H (IN)	NOTES	
CU-1	PANASONIC CU-KS24NKUA	2.0	1	17	R410A	-	1	-	1	-	208/1/60	12.1/20	119	-	1-8	
AIR HANDLING UNIT																
AHU TAG	MANUFACTURER & MODEL	TOTAL MBH	SENSIBLE MBH	TOTAL CFM	O/A CFM	E.S.P.(\"W.G.)	ENT. DB/WB	LEAV. DB/WB	ROWS/FPI	FAN HP/FLA	HEATER KW	VOLTAGE/PH	MCA/MOCP	WEIGHT (LBS)	L x W x H (IN)	NOTES
AHU-1	PANASONIC CS-KS24NKHU	24.0	-	541	-	-	-	-	-	-	-	-	FROM CU	26.5	-	1-10
NOTES: 1. UNITS RATED PER ARI 210, 240 AND 270, APPROVED EQUAL: SANYO, LG 2. PROVIDE WITH ELECTRIC EXPANSION VALVES, LIQUID LINE FILTER DRYER AND MULTI-USE SERVICE VALVES 3. PROVIDE COMPRESSOR WITH CRANKCASE HEATER AND MIN. 5-YEAR WARRANTY 4. PROVIDE HIGH AND LOW PRESSURE CONTROL AND OVER TEMPERATURE PROTECTION. 5. PROVIDE WEATHERPROOF ELECTRIC CONTROLS AND SINGLE SIDE SERVICE ACCESS 6. PROVIDE DISCONNECT BY ELECTRICAL CONTRACTOR FOR C.U., COORDINATE PRIOR TO PURCHASING 7. PROVIDE REFRIGERANT LINES SIZE AS RECOMMENDED BY MANUFACTURER, NOT TO EXCEED 50 FT. EQUIV. LENGTH FOR LONGER RUNS COORDINATE WITH MANUFACTURER PRIOR TO PURCHASE OR ANY WORK. 8. CONTRACTOR TO COORDINATE WITH ELECTRICAL TO INSURE THAT THE CONDENSING UNIT AND RACK ARE TIED TO THE EXISTING LIGHTNING PROTECTION SYSTEM ON THE ROOF. 9. PROVIDE WITH CONDENSATE LINE SHUT OFF SWITCH (SAFE-T-SWITCH SS1). 10. PROVIDE WITH CONDENSATE PUMP.																
COORDINATION NOTE: MECHANICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS AND ACCESSORIES WITH ELECTRICAL CONTRACTOR PRIOR TO PURCHASING AND INSTALLATION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF ENGINEER																



SUPPLY AIR GRILLE SCHEDULE												
TAG	MANUF. & MODEL	FACE SIZE	NECK SIZE	MATERIAL	FRAME	FINISH	DAMPER	THROW	NC	CFM RANGE	NOTES	
A	TITUS/ TDC-A-A	24X24	SEE SCH.	ALUM.	NOTE #3	OFF WHITE	OBD	4-WAY	MAX. 30	SEE SCH.	1-6	
(*) EQUIVALENT MANUFACTURER: METALAIR, PRICE, CARNES, T & B, NAILOR												
GENERAL NOTES: 1. PROVIDE SPIN-IN COLLAR AT TRUNK TO FLEX DUCT CONNECTION. 2. PROVIDE TYPICAL 4-WAY DIFFUSION, 2-WAY OR 3-WAY ONLY WHERE INDICATED ON PLAN 3. REFER TO ARCHITECT PLANS FOR CEILING TYPE. 4. FINAL COLOR SELECTION SUBJECT TO ARCHITECT APPROVAL. 5. FLEX DUCT SIZE TO BE SAME AS DIFFUSER NECK SIZE. 6. PROVIDE INSULATION ON THE BACK OF DIFFUSER IF IN UNCONDITIONED SPACE.												
CONTRACTOR SHALL VERIFY WITH ARCHITECT AND TENANT/OWNER, PRIOR TO ANY PURCHASING OR INSTALLATION, IF A BUILDING STANDARD HAS TO BE FOLLOWED REGARDING A SPECIFIC MODEL OR MANUFACTURER AND SHALL BRING ANY DISCREPANCY TO THE ATTENTION OF ENGINEER.										FLEX SCHEDULE		
										6"	50-125 CFM	
										8"	130-200 CFM	
										10"	205-330 CFM	
										12"	335-450 CFM	
										14"	455-600 CFM	
										16"	605-700 CFM	

RETURN AIR GRILLE SCHEDULE												
TAG	MANUF. & MODEL	FACE SIZE	NECK SIZE	MATERIAL	FRAME	FINISH	DAMPER	THROW	NC	CFM RANGE	NOTES	
AA	TITUS/ PAR-AA	24X24	SEE SCH.	ALUM.	NOTE #1	OFF WHITE	OBD	-	MAX. 30	SEE SCH.	2-3	
(*) EQUIVALENT MANUFACTURER: METALAIR, PRICE, CARNES, T & B, NAILOR												
GENERAL NOTES: 1. REFER TO ARCHITECT PLANS FOR CEILING TYPE. 2. FINAL COLOR SELECTION SUBJECT TO ARCHITECT APPROVAL. 3. PROVIDE INSULATION ON THE BACK OF DIFFUSER IF IN UNCONDITIONED SPACE. 4. CONTRACTOR TO PROVIDE ALTERNATE TO PROVIDE AND INSTALL SOUND BOOTS ON RETURN AIR AT ALL PRIVATE OFFICES. SEE DETAIL SHEET M7.1.												
CONTRACTOR SHALL VERIFY WITH ARCHITECT AND TENANT/ OWNER, PRIOR TO ANY PURCHASING OR INSTALLATION, IF A BUILDING STANDARD HAS TO BE FOLLOWED REGARDING A SPECIFIC MODEL OR MANUFACTURER AND SHALL BRING ANY DISCREPANCY TO THE ATTENTION OF ENGINEER.												
		NECK SIZE	CFM RANGE	NECK SIZE	CFM RANGE							
		6X6	0-150 CFM	15X15	0-900 CFM							
		8X8	0-250 CFM	18X18	0-1350 CFM							
		10X10	0-400 CFM	22X22	0-2000 CFM							
		12X12	0-600 CFM									



ROOFTOP EQUIP. CLEARANCE TABLE	
FLORIDA BUILDING CODE 2010, TABLE 1509.7	
WIDTH OF MECHANICAL UNIT (INCHES)	MIN. CLEARANCE ABOVE ROOF SURFACE (INCHES)
< 24	14
24 < 36	18
36 < 48	24
48 < 60	30
≥ 60	48

ISSUED FOR REVIEW	
KAMM CONSULTING PROJECT #: 2012-0754 PROJECT MANAGER: DUANE MILLAR	
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ALLEN S BIRSE
AR94279

BLUE CROSS BLUE SHIELD

NORTHPOINT CORPORATE CENTER
701 NORTHPOINT PARKWAY #300
WEST PALM BEACH, FL

PROJECT NUMBER NP21

REVISIONS	
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MECHANICAL SCHEDULES

10/19/12

M6.1