

SHEET NOTES

1.

○ SHEET KEYNOTES

1.

AIR DISTRIBUTION DEVICE SCHEDULE

[illegible]

EXHAUST FAN SCHEDULE

MARK	SERVICE	AIR FLOW (CFM)	STATIC PRESSURE (IN. H ₂ O)	FAN TYPE	ARRANGEMENT, ROTATION AND DISCHARGE	WHEEL		MAX RPM	DRIVE	MAX BHP	MOTOR DATA		CONTROL TYPE	NOTES
						TYPE	MIN. DIA.				HP	V/ø		
3-EF-160	O.R. SUITES	18900	2.5	CF	UTILITY CW-TOP	FC	30"	1090	BELT	13	15E	460/3ø	VSMC	1
NOTES: 1. FOR INFORMATIONAL PURPOSES ONLY, PROVIDE ACTUAL FIELD DATA IN TEST AND BALANCE REPORT.														

STEAM HUMIDIFIER SCHEDULE

UNIT NO.	UNIT SERVED	AIR FLOW (CFM)		STEAM PRESS. PSI	STEAM LBS PER HOUR	TRAP LBS PER HOUR	NOTES
		MAX.	MIN.				
SH-1	AV-60-1	2300	1200	15	49.7	37.2	1
SH-2	AV-60-2	300	150	15	6.5	4.9	1

NOTES:

1. INSTALL HUMIDIFIER ON INLET SIDE OF AIR VALVE.

EXHAUST AIR VALVE SCHEDULE

UNIT NO.	AREA SERVED	AIR FLOW (CFM)		APD (IN.)	UNIT SIZE (INLET)	SIZE (OUTLET) W/H	NOTES
		MAX.	MIN.				
EV--60-1	OR #9	2000	1000	0.20	16	16X16	

NOTES:

1.

SUPPLY AIR VALVE SCHEDULE

UNIT NO.	CHILLED WATER DRAW THRU AIR HANDLING UNIT	AIR FLOW (CFM)			HEATING CAPACITY	COIL CONDITIONS								UNIT SIZE (INLET)	SIZE (OUTLET) W/H	NOTES
		MAX.	MIN.	HEAT.	MBH	COIL ROWS	EAT(°F)DB	LAT(°F)DB	APD (IN.)	EWI(°F)	LWT(°F)	WPD(FT. HD.)	FLOW(GPM)			
AV-60-1	3-AH-60	2300	1200	1200	63.65	2	55.0	104.11	0.14	180.0	108.5	0.23	1.83	22X16	38X18	1, 2, 3
AV-60-2	3-AH-60	300	150	150	7.29	1	55.0	99.99	0.07	180.0	108.5	0.98	1.43	6	12X8	1, 2, 3

NOTES:

- 2- POSITION, LOW PRESSURE DROP UNIT.
- 120V. ELECTRIC ACTUATION.
- 4-20mA DC INPUT/OUTPUT.

CHILLED WATER AIR HANDLING UNIT SCHEDULE

MARK	LOCATION	AREA SERVED	AIR FLOW (CFM)		CHILLED WATER COOLING COIL DATA							PRE-HEATING COIL DATA										HUMIDIFIER SECTION		SUPPLY FAN DATA			SUPPLY FAN MOTOR DATA					RETURN FAN DATA			RETURN FAN MOTOR DATA					FILTER DATA				NOTES
			DESIGN	SUPPLY	OUTSIDE AIR	BTUH	EAT(°)DB/WB	LAT(°)DB/WB	APD (N.)	EWI(°)	LWT(°)	WPD(FT.HD.)	FLOW(GPM)	TOTAL MBH	EAT(°)DB	LAT(°)DB	APD (IN.)	EWI(°)	LWT(°)	WPD(FT.HD.)	STEAM LBS/HR	STEAM PRESS	LBS/HR	TSP(IN.)	ESP(IN.)	HP	RPM	VOLTS	PH	TOTAL BHP	TSP(IN.)	ESP(IN.)	HP	VOLTS	PH	TOTAL BHP	PRE	PRESS. DROP CLEAN/DIRTY	FINAL	PRESS. DROP CLEAN/DIRTY				
3-AH-60	MECH. ROOM SOUTH	O.R. SUITES	19200	19200	1866	94/77	48/48	1.1	42.0	54.0	30.0	891.60	17.00	60.00	0.25	-	-	-	960	15	760	7.00	-	30	1700	460	3	27	-	-	-	-	-	-	-	-	-	-	-	1				
<div>NOTES: 1. FOR INFORMATIONAL PURPOSES ONLY, PROVIDE ACTUAL FIELD DATA IN TEST AND BALANCE REPORT.</div>																																												

DX SPLIT SYSTEM AIR CONDITIONING SCHEDULE

MARK	SYSTEM TYPE	MANUFACTURER	INDOOR UNIT MODEL	NOM. TON	COOLING CAPACITY	RATING CONDITIONS		INDOOR UNIT DATA							OUTDOOR UNIT MODEL	REFRIGERANT	ELECTRICAL				NOTES
					TOTAL BTUH	AMB	EAT-DB/WB	CONFIG	AIR FLOW	CFM	ELECTRICAL DATA						V/PH	FLA	WSA	OPD	
AC-1, CU-1	SPLIT D/X	LIEBERT-MINIMATE 2	MMD60E7C00HG	5	65400	95	80.0/62.8	CEILING/CONCEALED	VERTICAL	2500	480/3ø	15.8	18.3	25.0	PFH267ACA#7	R407C	480/3ø	11.7	14.2	20.0	1. THRU 6. (INCLUSIVE)
NOTES: 1. FLOOD BACK HEAD PRESSURE CONTROL. 2. CONNECT TO, AND INTERFACE, WITH EXISTING FACILITY TRITUM CONTROLS NETWORK. 3. CONDENSATE PUMP INTERNAL TO EVAPORATOR SECTION CABINET. 4. REFRIGERANT LINE SIZES TO BE SELECTED BY MANUFACTURER AND SUBMITTED FOR REVIEW/APPROVAL BY ENGINEER. REFRIGERANT PIPING SYSTEM TO INCLUDE, BUT NOT LIMITED TO, DRYER, VALVES, SIGHT GLASS, SHRADER VALVES, ETC. 5. FACTORY HUMIDIFIER SECTION INTERNAL TO EVAPORATOR UNIT. 6. LISTED MANUFACTURER AND MODEL IS BASIS OF DESIGN. FURNISH AND INSTALL A MATCHED SYSTEM.																					

[illegible]

FINAL SUBMITTAL
APPROVED FOR CONSTRUCTION