GRILLS, REGISTERS, AND DIFFUSERS SCHEDULE

TAG	DESCRIPTION	FACE SIZE	MATERIAL	FINISH	MOUNTING	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	NOTES
BS1	BATHROOM AIR PURIFICATION UNIT	5.44" X 16"	ALUMINUM	STAINLESS STEEL	GYP CEILING	TUV	GC	RGF ENVIRONMENTAL GROUP	BRU ASSEMBLY	SEE ELECTRICAL SHEETS FOR CONNECTION INFORMATION
CD1	PERFORATED CEILING DIFFUSER	24" X 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE INTEGRAL OBD
CD2	PERFORATED CEILING DIFFUSER	12" X 12"	ALUMINUM	WHITE	GYP CEILING	GC	GC	NAILOR	4320A TYPE S	PROVIDE INTEGRAL OBD, REMOVE 4-WAY DEFLECTOR
ER1			ALUMINUM	WHITE		GC	GC	NAILOR		PROVIDE INTEGRAL OBD
RG1	PERFORATED CEILING RETURN	24" X 24"	ALUMINUM	WHITE		GC	GC	NAILOR		
SR1		SEE NECK SIZE	ALUMINUM			GC	GC			

VIROGUARD SCHEDULE

TAG	QUANITITY	DESCRIPTION	DUCT CONNECTION SIZE	FAN	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER

AIR DOOR SCHEDULE

TAG	OPENING WIDTH	AIRFLOW MAX FPM	AIRFLOW AVG FPM	AIRFLOW CFM	ELECTRICAL MOCP	ELECTRICAL FLA	ELECTRICAL V/P/H	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
AD-1	72"	3600	2058	2072	60 A	43.3 A	208/3/60	HES	GC	BERNER	ALC08-1072E	

FAN SCHEDULE

TAG	DRIVE TYPE	EXHAUST FLOW [CFM]	E.S.P. [in W.C.]	WEIGHT [lbs]	ELECTRICAL MOTOR POWER	ELECTRICAL V/P/H	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
EF-1	DIRECT	3000 CFM	2.50 in-wg	360	3 HP	208/3/60	HS	GC	Captive-Aire	USBI24DD-RMS	RESTAURANT DUTY, FURNISHED WITH DISCONNECT
EF-2	DIRECT	150 CFM	0.60 in-wg	100	0.18 HP	120/1/60	HS	GC	CAPTIVE-AIRE	DR12HFA	FURNISHED WITH DISCONNECT, VARIABLE SPEED CONTROLLER, BACKDRAFT DAMPER AND ROOF CURB

MAKEUP AIR UNIT SCHEDULE

TAG	DESCRIPTION	AIRFLOW SUPPLY FLOW [CFM]	AIRFLOW E.S.P. [in. W.C.]	HEATING CAPACTIY INPUT [MBH]	HEATING CAPACTIY OUTPUT [MBH]	HEATING CAPACTIY MAXIMUM TURNDOWN	HEATING CAPACTIY EAT	APPROXIMATE WEIGHT [lbs]	ELECTRICAL MOTOR POWER	ELECTRICAL V/P/H	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
MAU-1	MAKEUP AIR UNIT	0	0.80	225	220	12.5:1	0 °F	650	2 HP	208/3/60	HS	GC	CAPTIVE-AIRE	A1-D.250-G10	FURNISHED WITH DISCONNECT, ROOF CURB, SCREEN INTAKE, AND WASHABLE ALUMINUM FILTERS

CONDENSING UNIT SCHEDULE

TAG	DESCRIPTION	NOMINAL CAPACITY [TONS]	NUMBER OF COMPRESSORS	NUMBER OF CIRCUITS	REFRIGERANT TYPE	REFRIGERANT CHARGE	WEIGHT	ELECTRICAL MOCP	ELECTRICAL FLA	ELECTRICAL V/P/H	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
CU-1	WALK-IN COOLER REMOTE CONDENSING UNIT	--	1	1	R-448A	14.4 LBS	260	20 A	16.2 A	208/3/60	WCS	GC	NORLAKE	NASD150RL3	FURNISHED WITH WALK-IN COOLER
CU-2	ICE MAKER - REMOTE CONDENSER	--	0	1	R-404A	11 lbs 7.4 oz	100			120/1/60	KES	GC	-	-	FURNISHED WITH ICE MAKER

KITCHEN HOOD SCHEDULE

TAG	DESCRIPTION	MAX COOKING TEMP.	EXHAUST PLENUM AIRFLOW [CFM]	EXHAUST PLENUM SP [in. W.C]	EXHAUST PLENUM DUCT COLLARS NO.	EXHAUST PLENUM DUCT COLLARS WIDTH	EXHAUST PLENUM DUCT COLLARS LENGTH	PERFORATED SUPPLY PLENUMS LENGTH	PERFORATED SUPPLY PLENUMS WIDTH	MAU PLENUM AIRFLOW [CFM]	MAU PLENUM DUCT COLLARS NO.	MAU PLENUM DUCT COLLARS WIDTH	MAU PLENUM DUCT COLLARS LENGTH	AC PLENUM AIRFLOW [CFM]	AC PLENUM DUCT COLLARS NO.	AC PLENUM DUCT COLLARS DIAMETER	NUMBER OF LIGHT FIXTURES	APPROXIMATE WEIGHT [lbs]	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
HD-1	TYPE I CANOPY HOOD WITH PERFORATED MAU AND AC SUPPLY PLENUMS	600°F	3200	0.86	2	10"	15"	14' - 3"	4' - 3"	1950	3	10"	28"	800	7	8"	10	1200	HS	GC	CAPTIVE-AIRE	5424 ND-2-ACPSP-F	MAT'L: 18 GA. TYPE 430 SS. PROVIDE WITH 16" TALL HE SS FILTERS, INTEGRAL UTILITY CABINET, ANSUL SYSTEM, DUCT COLLAR TEMPERATURE SENSOR, PREWIRE PACKAGE, SPARE FIRE SYSTEM DRY CONTACT, AND 4-POLE 20A CONTACTOR

ROOFTOP UNIT SCHEDULE

TAG	DESCRIPTION	NOMINAL CAPACITY [TONS]	EER	AIRFLOW TOTAL [CFM]	AIRFLOW OA [CFM]	AIRFLOW ESP [IN. W.C.]	NET COOLING CAPACITY TOTAL [MBH]	NET COOLING CAPACITY SENSIBLE [MBH]	NET COOLING CAPACITY EAT [DEG. F] DB	NET COOLING CAPACITY EAT [DEG. F] WB	NET COOLING CAPACITY COND. EAT [DEG. F]	HEATING CAPACITY INPUT [MBH]	HEATING CAPACITY OUTPUT [MBH]	HEATING CAPACITY EAT [DEG. F]	# OF COMPRESSORS	# OF CIRCUITS	REFRIG. TYPE	REFRIG. CHARGE	APPROX. WEIGHT [lbs]	ELECTRICAL MOCP	ELECTRICAL FLA	ELECTRICAL V/P/H	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
RTU-1	KITCHEN ROOFTOP UNIT	10	12	4000	500	0.8	118	75	75	66	97	180	144	61	2	2	R-410A	7.9/7.9	1350	50 A	44.9 A	208/3/60	HES	GC	YORK	ZJ120	FURNISHED WITH COMP. ENTHALPY ECON., BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-8 FILTERS, CURB, HAIL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE
RTU-2	DINING ROOM ROOFTOP UNIT	8.5	12	3400	1000	0.8	101	58	79	69	97	180	144	51	2	2	R-410A	8.5/8.8	1350	60 A	48.3 A	208/3/60	HES	GC	YORK	ZJ102	FURNISHED WITH COMP. ENTHALPY ECON., BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-8 FILTERS, CURB, HAIL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE

AIR BALANCE SCHEDULE

Tag	Supply Flow [CFM]	Return Flow [CFM]	Exhaust Flow [CFM]	Subtotal [CFM]
EF-1	0	0	3000	-3000
EF-2	0	0	150	-150
MAU-1	0	0	0	0
RTU-1	4000	3500	0	500
RTU-2	3400	2400	0	1000
Net Pressurization [CFM]				-1650

CONTROL FUNCTIONS

A. THE MAIN COOKING EXHAUST FAN AND MAKE-UP AIR UNIT SHALL BE INTERLOCKED TO OPERATE TOGETHER. THIS CONTROL CIRCUIT IS ACTIVATED BY A SWITCH AND INCLUDES A FIRE PROTECTION OVERRIDE.
B. THE TEMPERATURE IN EACH ZONE IS CONTROLLED BY SPACE TEMPERATURE SENSORS CONNECTED TO THE THERMOSTATS LOCATED IN THE OFFICE. ALL ZONES SHALL OPERATE WITH CONTINUOUS FAN OPERATION DURING OCCUPIED TIMES AND INTERMITTENTLY AS NEEDED TO MAINTAIN SET POINTS DURING UNOCCUPIED TIMES. OUTSIDE AIR DAMPERS SHALL BE OPEN CONTINUOUSLY WHEN EITHER IN OCCUPIED MODE OR WHEN THE HOOD SYSTEM IS ON AND SHALL BE CLOSED DURING UNOCCUPIED PERIODS.
C. THE THERMOSTATS SHALL DETERMINE OCCUPIED/UNOCCUPIED STATUS BASED ON THE SCHEDULE IN THE ENERGY MANAGEMENT SYSTEM.

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