AIR BALANCE SCHEDULE

TAG	SUPPLY FLOW	RETURN FLOW	EXHAUST FLOW	SUBTOTAL
EF-1	0 CFM	0 CFM	2,550 CFM	-2,550 CFM
EF-2	0 CFM	0 CFM	150 CFM	-150 CFM
MAU-1	1,300 CFM	0 CFM	0 CFM	1,300 CFM
RTU-1	3,400 CFM	2,900 CFM	0 CFM	500 CFM
RTU-2	4,000 CFM	3,000 CFM	0 CFM	1,000 CFM
NET PRESSURIZATION				100 CFM

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.

AIR CURTAIN SCHEDULE

TAG	DESCRIPTION	AIRFLOW	WEIGHT	HEATING ELEMENT	MOTOR POWER	V/P/H	FURNISHED BY	INSTALLED BY	MANUFACTURER	Model	REMARKS
AC-1	AIR CURTAIN	1,590 CFM	172 lb	20 kW	0.5 hp	208/3/60	HES	GC	POWERED AIRE	CED-2-72E	PROVIDE WITH COMMERCIAL CONCEALED MAGNETIC DOOR SWITCH, BUILT-IN TIME DELAY RELAY, LINE VOLTAGE THERMOSTAT, AND COMMERCIAL DECORATOR SWITCH. COORDINATE INSTALL OF THERMOSTAT AND SWITCH WITH OWNER.

AIR TERMINAL SCHEDULE

TAG	DESCRIPTION	FACE SIZE	MATERIAL	FINISH	MOUNTING	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	NOTES
CD1	PERFORATED CEILING DIFFUSER	24" X 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE WITH INTEGRAL OBD
CD2	PERFORATED CEILING DIFFUSER	24" X 12"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE WITH INTEGRAL OBD, REMOVE 4 -WAY DEFLECTORS
ER1	PERFORATED CEILING EXHAUST	12" X 12"	ALUMINUM	WHITE	SURFACE MOUNT	GC	CG	NAILOR	4330R TYPE S	PROVIDE WITH INTEGRAL OBD
RG1	PERFORATED CEILING RETURN	48" X 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4330R TYPE L	
RG3	PERFORATED CEILING RETURN	48" X 24"	ALUMINUM	WHITE	SURFACE MOUNT	GC	GC	NAILOR	4330R TYPE S	
SR1	ADJUSTABLE TURBO NOZZLE	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	AIR CONCEPTS	ANR-14	PROVIDE WITH CONCEALED MOUNTING AND FACE-ACCESSIBLE OBD
SR2	DOUBLE DEFLECTION SUPPLY REGISTER	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	NAILOR	51DH	PROVIDE WITH INTEGRAL OBD

FAN SCHEDULE

TAG	DESCRIPTION	AIRFLOW	ESP	WEIGHT	ELECTRICAL MOTOR POWER	ELECTRICAL VOLT	ELECTRICAL PH	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL NO.	REMARKS
EF-1	UPBLAST UL762 EXHAUST FAN	2550 CFM	1.50 in-wg	400 lb	2.00 hp	208 V	3	HS	GC	CAPTIVE-AIRE	DU180HFA	DIRECT DRIVE UL762 UPBLAST EXHAUST FAN FURNISHED WITH WEATHERPROOF DISCONNECT AND VENTED ROOF CURB
EF-2	DOWNBLAST RESTROOM EXHAUST FAN	150 CFM	0.60 in-wg	100 lb	0.25 hp	120 V	1	HS	GC	CAPTIVE-AIRE	DR12HFA	DIRECT DRIVE DOWNBLAST RESTROOM EXHAUST FAN FURNISHED WITH INTEGRAL DISCONNECT, SPEED CONTROL, BACKDRAFT DAMPER, AND CURB

SANITIZING EQUIPMENT SCHEDULE

TAG	COUNT	DESCRIPTION	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
SB-1	2	BATHROOM AIR PURIFICATION UNIT	TUV	GC	RGF ENVIRONMENTAL GROUP	BRU ASSEMBLY	SEE ELECTRICAL SHEETS FOR CONNECTION INFORMATION
SH-1	2	HVAC AIR PURIFICATION UNIT	TUV	GC	RGF ENVIRONMENTAL GROUP	REME-HALO	SEE DETAIL 6/M700 FOR INSTALLATION INFORMATION.
SI-1	3	ICE MACHINE TREATMENT SYSTEM	TUV	GC	RGF ENVIRONMENTAL GROUP	IMS-B-GA	SEE PLUMBING DRAWINGS FOR INSTALLATION INFORMATION.

VIROGUARD

TAG	COUNT	DESCRIPTION	DUCT CONNECTION SIZE	FAN	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER
VG-1	1	VIROGUARD HOOD EXHAUST FAN ROOFTOP CONTAINMENT SYSTEM	16" X 16"	CAPTIVE-AIRE DU180HFA	TDC	GC	ENVIROMATIC

CONDENSING UNIT SCHEDULE

TAG	DESCRIPTION	NUMBER OF COMPRESSORS	NUMBER OF CIRCUITS	REFRIGERANT TYPE	REFRIGERANT CHARGE	WEIGHT	ELECTRICAL MOCP	ELECTRICAL FLA	ELECTRICAL VOLT	ELECTRICAL PH	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL NO.	REMARKS
CU-1	CONDENSING UNIT - WALK-IN COOLER	1	1	R-404A	10.40 lb	250 lb	15 A	9.0 A	208 V	3	WCS	GC	HARFORD	KPCL99MZOP-3E	FURNISHED WITH WALK-IN COOLER
CU-2	REMOTE CONDENSER - LOW CAPACITY ICE MAKER	1	1	R-404A	11.46 lb	100 lb	20 A	15.8 A	120 V	1	KES	GC	HOSHIZAKI	URC-9F	FURNISHED WITH ICE MAKER
CU-3	REMOTE CONDENSER - SODA MACHINE ICE MAKER	1	1	R-404A	3.86 lb	100 lb	20 A	11.6 A	120 V	1	KES	GC	HOSHIZAKI	URC-5F	FURNISHED WITH ICE MAKER

MAKEUP AIR UNIT SCHEDULE

TAG	DESCRIPTION	AIRFLOW	ESP	HEATING INPUT	HEATING OUTPUT	HEATING EAT(db)	WEIGHT	ELECTRICAL MOTOR POWER	ELECTRICAL VOLT	ELECTRICAL PH	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL NO.	REMARKS
MAU-1	DIRECT-FIRED MAKEUP AIR UNIT	1300 CFM	0.50 in-wg	225000 Btu/h	220000 Btu/h	-4.4 °F	650 lb	1.00 hp	208 V	3	HS	GC	CAPTIVE-AIRE	A1-D.250-15D	12.5:1 MAX TURNDOWN. FURNISHED WITH DISCONNECT, ROOF CURB, SCREEN INTAKE, AND WASHABLE ALUMINUM FILTERS.

KITCHEN HOOD SCHEDULE

TAG	DESCRIPTION	MAX COOKING TEMP	EXHAUST PLENUM AIRFLOW	EXHAUST PLENUM ESP	EXHAUST PLENUM DUCT COLLARS NO.	EXHAUST PLENUM DUCT COLLARS WIDTH	EXHAUST PLENUM DUCT COLLARS LENGTH	EXHAUST PLENUM LENGTH	EXHAUST PLENUM WIDTH	PERFORATED SUPPLY PLENUMS LENGTH	PERFORATED SUPPLY PLENUMS WIDTH	MAU PLENUM AIRFLOW	MAU PLENUM DUCT COLLARS NO.	MAU PLENUM DUCT COLLARS WIDTH	MAU PLENUM DUCT COLLARS LENGTH	AC PLENUM AIRFLOW	AC PLENUM DUCT COLLARS NO.	AC PLENUM DUCT COLLARS DIAMETER	NO. OF LIGHT FIXTURES	WEIGHT	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL NO.	REMARKS
HD-1	TYPE I CANOPY HOOD WITH PERFORATED MAU AND AC SUPPLY PLENUMS	600.0 °F	2550 CFM	0.97 in-wg	1	10"	2' - 0"	12' - 9"	4' - 3"	13'-9"	1'-7"	1300	3	6"	2' - 4"	700	6	8"	8	1150 lb	HS	GC	CAPTIVE-AIRE	5424 ND-2-ACPSP-F	MAT'L: 18 GA. TYPE430 SS. FURNISHED WITH VERTICAL END PANELS, VAPORPROOF INCANDESCENT LIGHT FIXTURES, 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	EER	IEER	AIRFLOW TOTAL	AIRFLOW OA	AIRFLOW ESP	NET COOLING CAPACITY TOTAL	NET COOLING CAPACITY SENSIBLE	NET COOLING CAPACITY EAT(db)	NET COOLING CAPACITY EAT(wb)	NET COOLING CAPACITY COND. EAT	HEATING CAPACITY INPUT	HEATING CAPACITY CAP	HEATING CAPACITY EAT(db)	NUMBER OF COMPRESSORS	NUMBER OF CIRCUITS	REFRIGERANT TYPE	REFRIGERANT CHARGE	WEIGHT	ELECTRICAL MOCP	ELECTRICAL MCA	ELECTRICAL VOLT	ELECTRICAL PH	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL NO.	REMARKS
RTU-1	ROOFTOP UNIT	8.5 ton	11.2	15	3400 CFM	500 CFM	0.80 in-wg	92990 Btu/h	75890 Btu/h	76.9 °F	64.0 °F	93	180000 Btu/h	146000 Btu/h	59.1 °F	2	2	R-410A	8.1/7.9 lb	1350 lb	50	41	208 V	3	GC	GC	CARRIER	48FCM09	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	ROOFTOP UNIT	10.0 ton	11	15	4000 CFM	1000 CFM	0.80 in-wg	119660 Btu/h	83730 Btu/h	78.3 °F	65.0 °F	93	200000 Btu/h	164000 Btu/h	51.4 °F	2	2	R-410A	7.1/5.0 lb	1350 lb	60	45	208 V	3	GC	GC	CARRIER	48FCFN12	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

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