AIR BALANCE SCHEDULE

TAG	SUPPLY FLOW	RETURN FLOW	EXHAUST FLOW	SUBTOTAL
EF-1	0 CFM	0 CFM	3,200 CFM	-3,200 CFM
EF-2	0 CFM	0 CFM	150 CFM	-150 CFM
MAU-1	1,950 CFM	0 CFM	0 CFM	1,950 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

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		NOTES
								MANUFACTURER	MODEL	
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 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	510H	PROVIDE WITH INTEGRAL OBD

FAN SCHEDULE

TAG	DESCRIPTION	AIRFLOW	ESP	WEIGHT	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
					MOTOR POWER	VOLT	PH			MANUFACTURER	MODEL NO.	
EF-1	UPBLAST UL762 EXHAUST FAN	3200 CFM	1.20 in-wg	400 lb	3.00 hp	208 V	3	HS	GC	CAPTIVE-AIRE	DU240HFA	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

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	18" x 18"	CAPTIVE-AIRE DU240HFA	TDC	TDC	ENVIROMATIC

CONDENSING UNIT SCHEDULE

TAG	DESCRIPTION	NUMBER OF		REFRIGERANT		WEIGHT	ELECTRICAL				FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
		COMPRESSORS	CIRCUITS	TYPE	CHARGE		MOCP	FLA	VOLT	PH			MANUFACTURER	MODEL NO.	
CU-1	CONDENSING UNIT - WALK-IN COOLER	1	1	R-404A	11.40 lb	250 lb	15 A	9 A	208 V	3	WCS	GC	HARFORD	KPCL89MZDP-3E	FURNISHED WITH WALK-IN COOLER
CU-2	REMOTE CONDENSER - LOW CAPACITY ICE MAKER	0	1	R-404A	11.46 lb	100 lb	0 A	0 A	120 V	1	KES	GC	HOSHIZAKI	URC-9F	FURNISHED WITH ICE MAKER
CU-3	REMOTE CONDENSER - SODA MACHINE ICE MAKER	0	1	R-404A	3.86 lb	100 lb	0 A	0 A	120 V	1	KES	GC	HOSHIZAKI	URC-5F	FURNISHED WITH ICE MAKER

MAKEUP AIR UNIT SCHEDULE

TAG	DESCRIPTION	AIRFLOW	ESP	HEATNG			WEIGHT	ELECTRICAL				FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
				INPUT	OUTPUT	EAT(db)		MOTOR POWER	VOLT	PH				MANUFACTURER	MODEL NO.	
MAU-1	DIRECT-FIRED MAKEUP AIR UNIT	1950 CFM	0.50 in-wg	225000 Btu/h	220000 Btu/h	-10.0 °F	650 lb	2.00 hp	208 V	3	HS	GC	CAPTIVE-AIRE	A1-D-250-1ED	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							PERFORATED SUPPLY PLENUMS										NO. OF LIGHT FIXTURES	WEIGHT	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
						DUCT COLLARS						MAU PLENUM				AC PLENUM										
			AIRFLOW	ESP	NO.	WIDTH	LENGTH	LENGTH	WIDTH	LENGTH	WIDTH	AIRFLOW	DUCT COLLARS NO.	DUCT COLLARS WIDTH	DUCT COLLARS LENGTH	AIRFLOW	DUCT COLLARS NO.	DUCT COLLARS DIAMETER					MANUFACTURER	MODEL NO.	
HD-1	TYPE I CANOPY HOOD WITH PERFORATED MAU AND AC SUPPLY PLENUMS	800.0 °F	3200 CFM	0.26 in-wg	2	10"	1' - 3"	14' - 3"	4' - 3"	15' - 3"	1' - 10"	1,950 CFM	3	10"	2' - 4"	800 CFM	7	8"	10	1200 lb	HS	GC	CAPTIVE-AIRE	5424 ND-2-ACPSP-F	MATL: 18 GA, TYPE 430 SS. FURNISHED WITH VAPORPROOF INCANDESCENT LIGHT FIXTURES, 16" TALL HE SS FILTERS, INTEGRAL UTILITY CABINET, ANSUL SYSTEM, DUCT COLLAR TEMPERATURE SENSOR, PREWIRE PACKAGE, SPARE FIRE SYSTEM DRY CONTANCT, AND 4-POLE 20A CONTACTOR.

ROOFTOP UNIT SCHEDULE

TAG	DESCRIPTION	NOMINAL CAPACITY	EER	AIRFLOW			NET COOLING CAPACITY					HEATING CAPACITY			NUMBER OF		REFRIGERANT		WEIGHT	ELECTRICAL				FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
				TOTAL	OA	ESP	TOTAL	SENSIBLE	EAT(db)	EAT(wb)	CONO. EAT	INPUT	CAP	EAT(db)	COMPRESSORS	CIRCUITS	TYPE	CHARGE		MOCP	FLA	VOLT	PH			MANUFACTURER	MODEL NO.	
RTU-1	KITCHEN ROOFTOP UNIT	8.5 ton	11	3400 CFM	500 CFM	0.80 in-wg	97460 Btu/h	77760 Btu/h	77.3 °F	64.3 °F	95 °F	150000 Btu/h	121500 Btu/h	57.2 °F	2	2	R-410A	9.5 / 4.9 lb	1350 lb	60 A	48	208 V	3	HES	GC	TRANE	YSJ 102	FURNISHED WITH COMP, ENTHALPY ECON., BAROMETRIC RELIEF, RET, SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-8 FILTERS, CURB, HAL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE
RTU-2	DINING ROOM ROOFTOP UNIT	10.0 ton	11	4000 CFM	1000 CFM	0.80 in-wg	116290 Btu/h	93000 Btu/h	78.9 °F	65.5 °F	95 °F	240000 Btu/h	194400 Btu/h	48.3 °F	2	2	R-410A	10.1 / 5.0 lb	1350 lb	70 A	54	208 V	3	HES	GC	TRANE	YSJ 120	FURNISHED WITH COMP, ENTHALPY ECON., BAROMETRIC RELIEF, RET, SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-8 FILTERS, CURB, HAL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE

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.

SANITIZING EQUIPMENT SCHEDULE

TAG	COUNT	DESCRIPTION	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
					MANUFACTURER	MODEL	
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.

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