

### 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.

### FAN SCHEDULE

TAG	DESCRIPTION	AIRFLOW	E.S.P.	WEIGHT	ELECTRICAL		FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
					MOTOR POWER	V/P/H			MANUFACTURER	MODEL	
EF-1	UPBLAST DU180HFA EXHAUST FAN	2,550 CFM	1.45 in-wg	183 lb	2 hp	208/3/60	HS	GC	CAPTIVE-AIRE	DU180HFA	DIRECT DRIVE DU180HFA 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	0.18 hp	120/1/60	HS	GC	CAPTIVE-AIRE	DR12HFA	DIRECT DRIVE DOWNBLAST RESTROOM EXHAUST FAN FURNISHED WITH INTEGRAL DISCONNECT, SPEED CONTROL, BACKDRAFT DAMPER, AND CURB

### VIROGUARD SCHEDULE

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

### CONDENSING UNIT SCHEDULE

TAG	DESCRIPTION	NOMINAL CAPACITY	NUMBER OF		REFRIGERANT		WEIGHT	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
			COMPRESSORS	CIRCUITS	TYPE	CHARGE		MOCP	FLA	V/P/H			MANUFACTURER	MODEL	
CU-1	CONDENSING UNIT - WALK-IN COOLER		1	1	R-404A	10.4 lb	250 lb	15 A	9 A	208/1/60	WCS	GC	RUSSELL DDE	RFO060M45DAALNT	FURNISHED WITH WALK-IN COOLER
CU-2	REMOTE CONDENSER - LOW CAPACITY ICE MAKER		0	1	R-404A	11.46 lb	100 lb			120/1/60	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			120/1/60	KES	GC	HOSHIZAKI	URC-5F	FURNISHED WITH ICE MAKER

### MAKEUP AIR UNIT SCHEDULE

TAG	DESCRIPTION	AIRFLOW	E.S.P.	HEATING			WEIGHT	ELECTRICAL		FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
				INPUT	OUTPUT	EAT		MOTOR POWER	V/P/H			MANUFACTURER	MODEL	
MAU-1	DIRECT-FIRED MAKEUP AIR UNIT	1,300 CFM	0.50 in-wg	70,942 Btu/h	65,267 Btu/h	21 °F	495 lb	2 hp	208/3/60	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							PERFORATED SUPPLY PLENUMS							NO. OF LIGHT FIXTURES	WEIGHT	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS		
			DUCT COLLARS			LENGTH	WIDTH	LENGTH	WIDTH	MAU PLENUM			AC PLENUM		MANUFACTURER	MODEL									
			AIRFLOW	E.S.P.	NO.					AIRFLOW	NO.	WIDTH	LENGTH	AIRFLOW							NO.	DIAMETER			
HD-1	TYPE I CANOPY HOOD WITH PERFORATED MAU AND AC SUPPLY PLENUMS	600 °F	2,550 CFM	0.96 in-wg	1	10"	24"	13'-9"	4'-3"	54"	19"	1,300 CFM	3	6"	2'-4"	696 CFM	8	8"	8	1,029 lb	HS	GC	CAPTIVE-AIRE	5424 ND-2-ACPS-P-F	MAT'L: 18 GA. TYPE 430 SS. FURNISHED WITH QUARTER 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	AIRFLOW			NET COOLING CAPACITY				HEATING CAPACITY			NUMBER OF		REFRIGERANT	WEIGHT	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS			
				TOTAL	OA	E.S.P.	TOTAL	SENSIBLE	DB	WB	EAT	COND.	INPUT	OUTPUT	EAT			COMPRESSORS	CIRCUITS	TYPE			MOCP	FLA		V/P/H	MANUFACTURER	MODEL
				4,000 CFM <th>1,000 CFM <th>1.0 in-wg <th>118,000 Btu/h <th>91,000 Btu/h <th>80 °F <th>67 °F <th>80 °F <th> <th>250,000 Btu/h <th>205,000 Btu/h <th>65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th>	1,000 CFM <th>1.0 in-wg <th>118,000 Btu/h <th>91,000 Btu/h <th>80 °F <th>67 °F <th>80 °F <th> <th>250,000 Btu/h <th>205,000 Btu/h <th>65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th>	1.0 in-wg <th>118,000 Btu/h <th>91,000 Btu/h <th>80 °F <th>67 °F <th>80 °F <th> <th>250,000 Btu/h <th>205,000 Btu/h <th>65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th>	118,000 Btu/h <th>91,000 Btu/h <th>80 °F <th>67 °F <th>80 °F <th> <th>250,000 Btu/h <th>205,000 Btu/h <th>65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th>	91,000 Btu/h <th>80 °F <th>67 °F <th>80 °F <th> <th>250,000 Btu/h <th>205,000 Btu/h <th>65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th></th></th></th></th></th></th></th>	80 °F <th>67 °F <th>80 °F <th> <th>250,000 Btu/h <th>205,000 Btu/h <th>65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th></th></th></th></th></th></th>	67 °F <th>80 °F <th> <th>250,000 Btu/h <th>205,000 Btu/h <th>65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th></th></th></th></th></th>	80 °F <th> <th>250,000 Btu/h <th>205,000 Btu/h <th>65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th></th></th></th></th>	<th>250,000 Btu/h <th>205,000 Btu/h <th>65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th></th></th></th>	250,000 Btu/h <th>205,000 Btu/h <th>65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th></th></th>	205,000 Btu/h <th>65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th></th>	65 °F <th>2</th> <th>2</th> <th>R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th></th>			2	2	R-410A <th>1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th></th>			1,445 lb <th>60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th></th>	60 A <th>58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th></th>		58 A <th>208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th></th>	208/3/60 <th>CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th></th>	CMG <th>GC <th>CARRIER <th>48FCFN12 </th></th></th>
RTU-1	DINING ROOM ROOFTOP UNIT	10 ton	12	4,000 CFM	1,000 CFM	1.0 in-wg	118,000 Btu/h	91,000 Btu/h	80 °F	67 °F	80 °F	250,000 Btu/h	205,000 Btu/h	65 °F	2	2	R-410A	1,445 lb	60 A	58 A	208/3/60	CMG	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, HOT GAS REHEAT & UNIT-MOUNTED CONVENIENCE RECEPTACLE		
RTU-2	KITCHEN ROOFTOP UNIT	10 ton	12	4,000 CFM	500 CFM	1.0 in-wg	118,000 Btu/h	91,000 Btu/h	80 °F	67 °F	80 °F	250,000 Btu/h	205,000 Btu/h	65 °F	2	2	R-410A	1,445 lb	60 A	58 A	208/3/60	CMG	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, HOT GAS REHEAT & UNIT-MOUNTED CONVENIENCE RECEPTACLE		

### AIR BALANCE SCHEDULE

TAG	SUPPLY FLOW	RETURN FLOW	EXHAUST FLOW	SUBTOTAL
EF-1	0 CFM	0 CFM	3,200 CFM	-2,550 CFM
EF-2	0 CFM	0 CFM	150 CFM	-150 CFM
MAU-1	1,950 CFM	0 CFM	0 CFM	1,300 CFM
RTU-1	4,000 CFM	3,000 CFM	0 CFM	1,000
RTU-2	4,000 CFM	3,500 CFM	0 CFM	500 CFM
NET PRESSURIZATION				100 CFM

### CONTROL FUNCTIONS

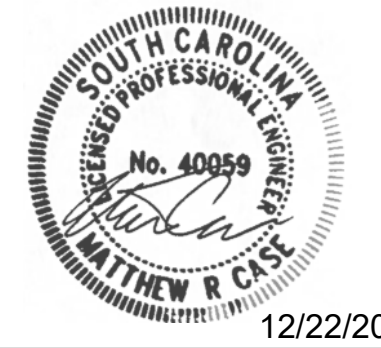
- THE MAIN COOKING EXHAUST FAN AND MAKE-UP AIR UNIT SHALL BE INTERLOCKED TO OPERATE TOGETHER. THIS CONTROL CIRCUIT IS ACTIVATED BY A SWITCH AND INCLUDES A FIRE PROTECTION OVERRIDE.
- THE TEMPERATURE IN EACH ZONE IS CONTROLLED BY SPACE TEMPERATURE SENSORS CONNECTED TO THE THERMOSTATS LOCATED IN THE OFFICE. 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.
- THE THERMOSTATS SHALL DETERMINE OCCUPIED/UNOCCUPIED STATUS BASED ON THE SCHEDULE IN THE ENERGY MANAGEMENT SYSTEM.

### 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 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE WITH INTEGRAL OBD, REMOVE 4-WAY DEFLECTORS
CD3	PERFORATED CEILING DIFFUSER	24" X 12"	ALUMINUM	WHITE	SURFACE MOUNT	GC	GC	NAILOR	4320A TYPE S	PROVIDE WITH INTEGRAL OBD
ER1	PERFORATED CEILING EXHAUST	12" X 12"	ALUMINUM	WHITE	SURFACE MOUNT	GC	GC	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	DUCT MOUNTED DIFFUSER	12" X 12"	ALUMINUM	BLACK	DUCT	GC	GC	NAILOR	7100 SERIES 71DV	PROVIDE WITH CONCEALED MOUNTING AND FACE-ACCESSIBLE OBD



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Issue Record:	DATE	DESCRIPTION
12/22/2023	PERMIT SET	
01/05/2024	BID SET	
03/29/2024	CONSTRUCTION SET	

Revisions:	NO.	DATE	DESCRIPTION
2	03/20/2024	REV 2- ZONING REDESIGN	

Drawn: JW  
Checked: LW  
Project No: CMG23-350

Contents:  
MECHANICAL SCHEDULES

M600



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CERTIFICATE OF AUTHORITY NO. 5919