

ROOFTOP UNIT SCHEDULE																									
MARK	MANUFACTURER/MODEL NO.	SERVICE	NOMINAL COOLING (TONS)	SUPPLY FAN DATA				COOLING COIL DATA				ELEC. HEAT DATA		FILTER DATA	COND. FAN DATA		COMPRESSOR DATA				UNIT ELECTRICAL DATA			WEIGHT (LB)	REMARKS
				SUPPLY (CFM)	O.A. (CFM)	MOTOR (HP)	E.S.P. (IN WG)	EAT DB/WB	LAT DB/WB	TOTAL (MBH)	SEN. (MBH)	KW	STAGES	SIZE	NO.	HP	NO.	HP	RLA	LRA	VOLTS/PH	MCA	MOCp		
RTU-1	SEASONS 4 / 1SJF30-0322-DN4.0-14RC	SALES AREA	--	13140	2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	208/3	--	--	--	1	
RTU-2	SEASONS 4 / 1SJF30-0322-ES100-14RC	SALES AREA	--	13500	2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	208/3	--	--	--	1	
RTU-3	CARRIER / 48TFC004	MEZZANINE	4.0	1200	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	208/3	--	--	--	1	
NOTE: 1. EXISTING TO REMAIN. M.C. TO CLEAN EXISTING COILS. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.																									

HEAT RECLAIM COIL SCHEDULE									
MARK	MANUFACTURER/MODEL NO.	SERVICE	AIRFLOW (CFM)	REFRIG. TYPE	REFRIG. CIRCUIT	TOTAL HEAT REJECTION (MBH)	RECLAIM HEAT (MBH)	COIL PIPING ORIENTATION	REMARKS
HRC-1	SEASONS 4 / --	AHU-1	SEE AHU	--	LOW	--	--	--	1
HRC-2	SEASONS 4 / --	AHU-2	SEE AHU	--	MED.	--	--	--	1
NOTE: 1. EXISTING TO REMAIN. M.C. TO CLEAN EXISTING COILS. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.									

MARK	MANUFACTURER/MODEL NO.	SERVICE	LOCATION	TYPE	AIRFLOW (CFM)	E.S.P. (IN WG)	NOMINAL RPM	DRIVE	ELECTRICAL DATA			REMARKS
									HP	WATTS	VOLTS/PH	
TF-1	S&P / eSQD1275	WORKROOM	CEILING	INLINE	1900	0.500	1697	DIRECT	0.75	---	120/1	2
TF-2	COOK / GC642	DEPT. MGR'S OFFICE	CEILING	CABINET	500	0.250	1500	DIRECT	---	174	120/1	2
EF-1	--- / ---	MEZZANINE	CEILING	CABINET	250	---	---	---	---	---	120/1	1
EF-2	--- / ---	EMPLOYEE RESTROOM	CEILING	CABINET	80	---	---	---	---	---	120/1	1
EF-3	COOK / GCVF-180	WOMEN'S RESTROOM	CEILING	CABINET	225	0.375	1460	DIRECT	--	69	120/1	3
EF-4	COOK / GCVF-180	MEN'S RESTROOM	CEILING	CABINET	225	0.375	1460	DIRECT	--	69	120/1	3
EF-5	--- / ---	MEZZ. MEN'S RESTROOM	CEILING	CABINET	200	---	---	---	---	---	120/1	1
EF-6	--- / ---	MEZZ. WOMEN'S RESTROOM	CEILING	CABINET	250	---	---	---	---	---	120/1	1
EF-7	COOLAIR / ---	MECHANICAL ROOM	ROOF	PROPELLER	--	---	---	---	---	---	208/3	1
EF-8	--- / ---	RACK OVEN	ROOF	---	750	---	---	---	---	---	120/1	1
EF-9	COOK / 100C17DEC	LOUNGE	ROOF	DNBLAST	300	0.375	1192	DIRECT	0.25	---	120/1	4
EF-10	COOK / GC422	JANITOR AREA	CEILING	CABINET	250	0.375	1500	DIRECT	---	90.0	120/1	3
NOTES: 1. EXISTING TO REMAIN. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. 2. TRANSFER FAN SHALL HAVE PLUG DISCONNECT AND VIBRATION ISOLATOR KIT. TF-1 WIRED THROUGH LIGHTING CIRCUIT. TF-2 TO RUN CONTINUOUSLY. MC IS RESPONSIBLE FOR INSTALLATION OF INCLUDED 1" AIR FILTER IN RETURN GRILLE ON WORKROOM TRANSFER FAN. 3. EXHAUST FAN SHALL HAVE PLUG DISCONNECT & WALL OR ROOF CAP WITH BIRDSCREEN (REPLACE EXISTING CAP AS NECESSARY). M.C. TO INSTALL BALANCING DAMPER IN DUCT IF NOT EXISTING (FIELD VERIFY SIZE BEFORE ORDERING). 4. EXHAUST FAN SHALL HAVE STANDARD DISCONNECT, FACTORY MOUNTED SPEED CONTROLLER, BACKDRAFT DAMPER AND ALUMINUM BIRDSCREEN.												

AIR-DISTRIBUTION SCHEDULE							
MARK	MANUFACTURER/MODEL NO.	MATERIAL	FRAME	TYPE	PANEL SIZE	CONN. SIZE	REMARKS
S1	--- / ---	---	---	---	---	---	1
S2	METALAIRE / H4004-1	ALUM.	SURFACE	SUPPLY; DOUBLE DEFLECTION GRILLE	---	14x14x12ø	2
S3	METALAIRE / H4004-6	ALUM.	LAY-IN	SUPPLY; DOUBLE DEFLECTION GRILLE	---	16x16x14ø	2
S4	METALAIRE / 5500-6	ALUM.	LAY-IN	SUPPLY; DIFFUSER FACE W/APD	24x24	15x15x12ø	2
S5	METALAIRE / 5500-6	ALUM.	LAY-IN	SUPPLY; DIFFUSER FACE W/APD	24x24	9x9x8ø	2
S6	METALAIRE / 5800-1	STEEL	SURFACE	SUPPLY; LOUVER FACE	---	6ø	2
S7	METALAIRE / 5800-1	STEEL	SURFACE	SUPPLY; LOUVER FACE	---	8ø	2
E1	METALAIRE / CC1-6	ALUM.	LAY-IN	EXHAUST; GRILLE, 1x1x1 CORE	24x24	10x10	1
R1	--- / ---	---	---	---	---	---	1
R2	METALAIRE / CC5F-6	ALUM.	LAY-IN	RETURN; GRILLE, FILTER BACK, 1/2x1/2x1/2 CORE	24x24	20x20	2
R3	METALAIRE / DGDF-20x20 01	ALUM.	SURFACE	DOUBLE GRILLE, DOUBLE FLANGE, DOOR TRANSFER GRILLE	--	20x20	3, 4
NOTES: 1. EXISTING TO REMAIN. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. CLEAN & RE-USE. 2. COLOR OF DEVICES SHALL BE OFF-WHITE UNLESS NOTED OTHERWISE. SESCO TO PROVIDE SQUARE TO ROUND ADAPTER (WHEN REQUIRED). 3. DOOR TRANSFER GRILLE SUPPLIED BY MC TO BE INSTALLED IN EXISTING DOOR BY GC. 4. M.C. TO VERIFY DOOR GRILLE/SIZE BEFORE ORDERING.							

KITCHEN VENTILATING SCHEDULE (EXHAUST/SUPPLY)																	
MARK	HOOD DATA				EXHAUST FAN DATA						SUPPLY FAN DATA						REMARKS
	MANUFACTURER/MODEL NO.	TYPE	SIZE	SWITCH LOC.	MANUFACTURER/MODEL NO.	CFM	SP	HP	RPM	VOLT/PH	MANUFACTURER/MODEL NO.	CFM	SP	HP	RPM	VOLT/PH	
KH-1	GREASE MASTER / GWC-4	WALL MTD.	12"0"x5"0"	WALL MTD.	COOK / 180VB8	5600	--	--	--	208/3	-- / --	4200	--	--	--	208/3	1, 2
NOTES:																	
1. EXISTING TO REMAIN. DATA PROVIDED IS PER AS-BUILT DRAWINGS AND IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY.																	
2. IT IS THE RESPONSIBILITY OF THE G.C. TO ENSURE THAT EXISTING FIRE SUPPRESSION IS REWORKED (AS REQUIRED) WHEN NEW EQUIPMENT IS PLACED UNDER THE EXISTING HOOD.																	

ALL HVAC EQUIPMENT AND CONTROLS SHALL BE PURCHASED FROM SESCO dba MCNAMARA & CO. (336)-996-2220.

ALL BELT DRIVE FANS:

M.C. SHALL BE RESPONSIBLE FOR PROVIDING MATERIAL AND LABOR FOR BELT & DRIVE CHANGE, AS NECESSARY, TO PROVIDE THE SCHEDULED AIRFLOW. COORDINATE REQUIREMENTS WITH TAB CONTRACTOR.

MECHANICAL SUMMARY MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT	
METHOD OF COMPLIANCE PRESCRIPTIVE:	YES
CLIMATE ZONE:	4A
THERMAL ZONE	
WINTER DRY BULB:	14°F
SUMMER DRY BULB:	91°F
INTERIOR DESIGN CONDITIONS	
WINTER DRY BULB:	70°F
SUMMER DRY BULB:	74°F
RELATIVE HUMIDITY:	50%
BUILDING HEATING LOAD:	EXISTING
BUILDING COOLING LOAD:	EXISTING
MECHANICAL SPACING CONDITIONING SYSTEM	
UNITARY	
DESCRIPTION OF UNIT:	ROOF TOP UNIT
HEATING EFFICIENCY:	SEE SCHEDULES ON THIS SHEET
COOLING EFFICIENCY:	SEE SCHEDULES ON THIS SHEET
HEAT OUTPUT OF UNIT:	SEE SCHEDULES ON THIS SHEET
COOLING OUTPUT OF UNIT:	SEE SCHEDULES ON THIS SHEET
BOILER	
TOTAL BOILER OUTPUT. IF OVERSIZED, STATE REASON.	N/A
CHILLER:	
TOTAL CHILLER CAPACITY. IF OVERSIZED, STATE REASON.	N/A
LIST EQUIPMENT EFFICIENCIES	
EQUIPMENT SCHEDULES WITH MOTORS (MECHANICAL SYSTEMS)	
MOTOR HORSEPOWER:	SEE SCHEDULES ON THIS SHEET
NUMBER OF PHASES:	SEE SCHEDULES ON THIS SHEET
MINIMUM EFFICIENCY:	SEE SCHEDULES ON THIS SHEET
MOTOR TYPE:	SEE SCHEDULES ON THIS SHEET
NO. OF POLES:	SEE SCHEDULES ON THIS SHEET

OUTSIDE AIR CALCULATION

UNIT	DESCRIPTION	GROSS AREA (SF)	NET OCCUPIED AREA (SF)	# OF PEOPLE/ 1,000 SF	TOTAL NUMBER OF PEOPLE	CFM/PERSON	CFM/SF	AIR DISTRIBUTION EFFECTIVENESS	TOTAL REQUIRED OA CFM	DESIGNED OUTSIDE AIR CFM
RTU-1	SUPERMARKET	41,257	30,943	8.0	248	7.5	0.06	1.00	3,713	2,000
RTU-2										2,000
RTU-3										300
TOTAL									3,713	4,300

AIR-BALANCE SCHEDULE

MARK	MAKE-UP AIR (CFM)	EXHAUST AIR (CFM)	SERVICE
RTU-1	2000	---	SALES AREA
RTU-2	2000	---	SALES AREA
RTU-3	300	---	MEZZANINE
EF-1	---	250	MEZZANINE
EF-2	---	80	EMPLOYEE RESTROOM
EF-3	---	225	WOMEN'S RESTROOM
EF-4	---	225	MEN'S RESTROOM
EF-5	---	200	MEZZ. MEN'S RESTROOM
EF-6	---	250	MEZZ. WOMEN'S RESTROOM
EF-7	---	---	MECHANICAL ROOM (SEALED)
EF-8	---	750	RACK OVEN (INTERMITTENT)
EF-9	---	300	LOUNGE
EF-10	---	250	JANITOR AREA
KH-1	4200	5600	DELI/BAKERY HOOD (INTERMITTENT)
TOTAL:	8500	8130	---
TOTAL DIFF.:	8500 - 8130 = (+) 370 CFM		

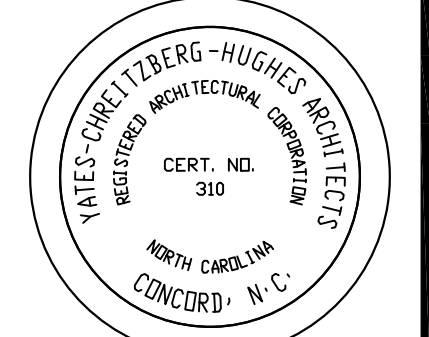
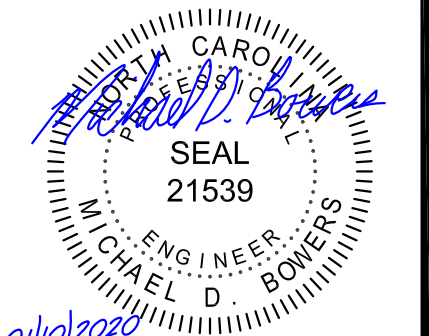


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