

Owner:  
Georgetown County  
716 Prince Street  
Georgetown, SC 29442

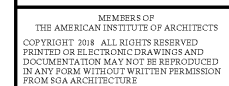
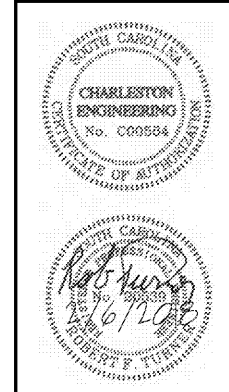
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Job Number: 1788  
Date: 2/6/18  
Drawn by: TURNER  
Checked by: TURNER

Notes:  
**BIDDING DOCUMENTS**  
Not for Construction

Revisions:

HVAC  
SCHEDULES  
**M212**

Rooftop 100% Outside Air Unit																					
SYMBOL	MANUFACTURER	MODEL NO.	FAN MOTOR				COOLING CAPACITY				HOT GAS REHEAT			PROPANE GAS HEATING		ELECTRICAL DATA			REMARKS		
			CFM	MIN. CFM O.A.	DRIVE	RPM	ESP	EAT DB/WB F	SENSIBLE MBH	TOTAL MBH	EER	LAT	MBH	EAT	LAT	MBH INPUT	MBH OUTPUT	VOLTAGE		MCA A	MOC P A
RTFAU-1	REZNR	R0DB-102-100	1200	1200	BELT	1491	0.40	95/80	50.2	104	9.79	55.7	31.0	55.6	80.6	100	80	460/3	23.8	30	1,2,3,4

- REMARKS:
1. PROVIDE SEISMIC RATED ROOF CURB PER SPECS.
  2. PROVIDE WITH UNIT MOUNTED GFI CONVENIENCE OUTLET (115-1-60).
  3. PROVIDE OUTPUT TO CONTROLS TO READ TEMPERATURES AND ALARMS.
  4. PROVIDE COATED COILS ON EVAP. AND CONDENSER COILS.
- NOTES:
1. E.S.P. INCLUDES ALL LOSSES EXTERNAL TO CABINET.
  2. REFER TO SEISMIC RECOMMENDATIONS IN SPECS.
  3. SEE SPECS FOR ADDITIONAL REQUIREMENTS.

Rooftop Heat Pump Unit Schedule																			
SYMBOL	MANUFACTURER	MODEL NO.	FAN MOTOR				COOLING CAPACITY				ELECTRIC HEATING			ELECTRICAL DATA			REMARKS		
			CFM	MIN. CFM O.A.	DRIVE	RPM	ESP	EAT DB/WB F	SENSIBLE MBH	TOTAL MBH	EER	COOLING STAGES	KW	VOLTAGE	HEAT STAGES	VOLTAGE		MCA A	MOC P A
RTU-1,2	YORK/JCI	J20XPE36	5200	FROM ERV-1	BELT	952	0.6	77.5/66	152	251	10.5	2	36	460/3	1	460/3	84.9	90	1,2,3,4,5,6,7
RTU-3	YORK/JCI	J03XPE07	1200	80	BELT	904	0.5	74.5/63.5	26	35	11	1	7	460/3	1	460/3	21.6	25	1,2,3,4
RTU-4	YORK/JCI	J05XPE07	1800	0	BELT	1097	0.5	74/63	41	55	10.6	1	7	460/3	1	460/3	23.7	25	1,2,3,4,5,7
RTU-5	YORK/JCI	J04XPE07	1400	0	BELT	947	0.5	74/63	30	42	10.8	1	7	460/3	1	460/3	24.5	30	1,2,3,4,5
RTU-6	YORK/JCI	J03XPE07	1200	85	BELT	947	0.5	75.6/64.3	25	34.5	11	1	7	460/3	1	460/3	21.6	25	1,2,3,4,5
RTU-7	YORK/JCI	J05XPE07	2100	80	BELT	1324	0.9	74.9/63.9	43.9	58	10.6	1	7	460/3	1	460/3	25.2	30	1,2,3,4,6,7
RTU-8	YORK/JCI	J07XPE09	2600	FROM ERV-2	BELT	115	0.55	75.2/64.2	62	88	11	1	9	460/3	1	460/3	38.2	40	1,2,3,4,5,6,7
RTU-9	YORK/JCI	J03XPE07	1300	0	BELT	904	0.5	75/63	28	35	11	1	7	460/3	1	460/3	21.6	25	1,2,3,4

- REMARKS:
1. PROVIDE 0-25% MOTORIZED FRESH AIR DAMPER.
  2. PROVIDE SEISMIC AND WIND RATED ROOF CURB PER SPECS.
  3. PROVIDE FACTORY ELECTROFORM COIL COATING.
  4. PROVIDE WITH A NON-FUSED DISCONNECT AND SINGLE POINT WIRING.
  5. PROVIDE WITH UNIT MOUNTED GFI CONVENIENCE OUTLET (115-1-60).
  6. SMOKE DETECTOR PROVIDED BY FIRE ALARM CONTRACTOR. SEE CONTROLS SPECS FOR INSTALLATION.
  7. PROVIDE WITH 100% ECONOMIZER WITH OUTSIDE TEMPERATURE CONTROL (62 DEGREES OR LESS) AND BAROMETRIC RELIEF DAMPER.
- NOTES:
1. E.S.P. INCLUDES ALL LOSSES EXTERNAL TO CABINET.
  2. REFER TO SEISMIC RECOMMENDATIONS IN SPECS.
  3. SEE SPECS FOR ADDITIONAL REQUIREMENTS.

Energy Recovery Ventilator Schedule												
SYMBOL	EQUAL TO		CFM		FAN HP		AMBIENT DB/WB	SUPPLY DB/WB	WHEEL OA EFFICIENCY	VOLTAGE	REMARKS	
	MANUFACTURER	MODEL NO.	SUPPLY	EXHAUST	SUPPLY	EXHAUST						
ERV-1	GREENHECK	ERVE-55-30L	3700	3500	1-1/2	1-1/2	95/80	79.6/66.9	77%	460/3	1,2,3,4	
ERV-2	GREENHECK	ERVE-2515-20-B	600	600	1/2	1/2	95/79	79/65.6	78%	208/1	1,2,3,4	

- NOTES:
1. SEE SPECS FOR EQUAL MANUFACTURERS.
  1. PROVIDE ROTATION SENSOR AND FILTER SENSOR WITH ALARM THAT REPORTS TO CONTROL SYSTEM.
  2. PROVIDE SINGLE POINT POWER CONNECTION.
  3. PROVIDE WITH CONTROL BOX WITH DISCONNECT, MOTOR STARTERS, CONTROL CIRCUIT USING SPEED CONTROL, AND TRANSFORMER.
  4. PROVIDE WITH GRAVITY BACKDRAFT DAMPERS ON EXHAUST AND INTAKE.

Air Distribution Device Schedule							
SYMBOL	MAX CFM	MANUFACTURER & MODEL	FACE SIZE	NECK SIZE	SERVICE	MOUNTING	REMARKS
B	280	METALAIRE 5000-6	24x24	9x9	SUPPLY	T-BAR LAY-IN	W/OBD
C	450	METALAIRE 5000-6	24x24	12x12	SUPPLY	T-BAR LAY-IN	W/OBD
D	650	METALAIRE 5000-6	24x24	15x15	SUPPLY	T-BAR LAY-IN	W/OBD
E	275	METALAIRE 7000R-6	24x24	10x10	RETURN	T-BAR LAY-IN	
F	400	METALAIRE 7000R-6	24x24	12x12	RETURN	T-BAR LAY-IN	
G	625	METALAIRE 7000R-6	24x24	15x15	RETURN	T-BAR LAY-IN	
H	900	METALAIRE 7000R-6	24x24	18x18	RETURN	T-BAR LAY-IN	
J	1345	METALAIRE 7000R-6	24x24	22x22	RETURN	T-BAR LAY-IN	
K	500	METALAIRE V4004D-AF-1	18X10	16X8	SUPPLY	SURFACE	
L	2100	METALAIRE RHE	62X18	60X16	RETURN	SURFACE	
M	600	METALAIRE V4004D-AF-1	26X14	24X12	SUPPLY	SURFACE	
N	1400	METALAIRE RHE	42X18	40X16	RETURN	SURFACE	
P	335	METALAIRE RHE	20X12	18X10	RETURN	SURFACE	
Q	350	METALAIRE 3100A-2	22"φ	10"φ	SUPPLY	DUCT MOUNTED	
R	420	METALAIRE 3100A-2	22"φ	12"φ	SUPPLY	DUCT MOUNTED	
S	140	METALAIRE 5000-1	12x12	6x6	SUPPLY	SURFACE	W/OBD
T	275	METALAIRE 7000R-1	12x12	8X8	RETURN	SURFACE	
U	280	METALAIRE 5000-1	15X15	9X9	SUPPLY	SURFACE	W/OBD
V	450	METALAIRE 5000-1	18X18	12x12	SUPPLY	SURFACE	W/OBD
W	415	METALAIRE 7000R-1	12x12	10X10	RETURN	SURFACE	

- NOTES:
1. BLOW TYPE SHALL BE 4-WAY UNLESS INDICATED OTHERWISE ON THE FLOOR PLANS
  2. COORDINATE EXACT LOCATIONS WITH REFLECTED CEILING PLANS
  3. PROVIDE SQUARE-TO-ROUND TRANSITION AS REQUIRED
  4. PROVIDE WITH OFF-WHITE BAKED ENAMEL FINISH
  5. EQUALS ARE PRICE, KRUEGER, TITUS, CARNES, AND NORTON
  6. FOLLOW SEISMIC CODE FOR LAY-IN INSTALLATION.

Exhaust Fan Schedule												
SYMBOL	MANUFACTURER OR EQUAL	MODEL	CFM	SP IN WG	HP OR WATTS	DRIVE	ELECTRICAL V/φ	FAN RPM	SONES	MOUNTING	REMARKS	
EF-1,2,5,8,9	GREENHECK	SP-A200	150	0.25	48	DIRECT	277/1	759	1.9	CEILING	1,2,3	
EF-3	GREENHECK	SP-B110	100	0.25	80	DIRECT	277/1	950	2.3	CEILING	1,2,3	
EF-4,6	GREENHECK	SP-A390	225	0.25	135	DIRECT	277/1	940	2.4	CEILING	1,2,3	
EF-7	GREENHECK	SP-A410	300	0.25	121	DIRECT	277/1	907	2.7	CEILING	1,2,3	

- REMARKS:
1. DISCONNECT SWITCH
  2. BACKDRAFT DAMPER
  3. FAN SPEED CONTROL
- NOTES:
1. EQUALS ARE COOK, PENN, TWIN CITY
  2. SEE ELECTRICAL DRAWINGS FOR SWITCHING.

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