

AIR TERMINAL SCHEDULE

| TAG | DESCRIPTION | FACE SIZE | MATERIAL | FINISH | MOUNTING | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN | | NOTES |
|-----|-----------------------------------|---------------|-----------------|-----------------|----------------|--------------|--------------|-------------------------|--------------|--|
| | | | | | | | | MANUFACTURER | MODEL | |
| BS1 | BATHROOM AIR PURIFICATION UNIT | | STAINLESS STEEL | STAINLESS STEEL | SURFACE MOUNT | TUV | GC | RGF ENVIRONMENTAL GROUP | BRU ASSEMBLY | SEE ELECTRICAL SHEETS FOR CONNECTION INFORMATION |
| CD1 | PERFORATED CEILING DIFFUSER | 24" X 24" | ALUMINUM | WHITE | LAY-IN CEILING | GC | GC | NAILOR | 4320A TYPE L | PROVIDE INTEGRAL OBD |
| CD2 | PERFORATED CEILING DIFFUSER | 12" X 12" | ALUMINUM | WHITE | SURFACE MOUNT | GC | GC | NAILOR | 4320A TYPE S | PROVIDE INTEGRAL OBD, REMOVE 4-WAY DEFLECTOR |
| CD3 | PERFORATED CEILING DIFFUSER | 20" X 20" | ALUMINUM | WHITE | SURFACE MOUNT | GC | GC | NAILOR | 4320A TYPE S | PROVIDE 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 | 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 | SEIHO | NT14 | PROVIDE FACE-ACCESSIBLE OBD |
| SR2 | DOUBLE DEFLECTION SUPPLY REGISTER | SEE NECK SIZE | ALUMINUM | WHITE | WALL | GC | GC | NAILOR | 51DH | PROVIDE INTEGRAL OBD |

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 UL762 EXHAUST FAN | 3200 CFM | 1.20 in-wg | 400 lb | 3 HP | 208/3/60 | 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 | 0.18 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 | QUANTITY | 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 | 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 | 208/3/60 | WCS | GC | HARFORD | KPCL99MZOP-3E | 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 | KE5 | 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 | KE5 | 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 | 1950 CFM | 0.45 in-wg | 225,000 Btu/h | 220,000 Btu/h | 15 °F | 650 lb | 2 HP | 208/3/60 | HS | GC | CAPTIVE-AIRE | A1-D.250-G10 | 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 | |
|------|--|-------------------|----------------|------------|--------------|-------|---------|---------------------------|---------|------------|----------|-----------|---|--------------|---------|---------|---|-----------------------|--------|--------------|--------------|------------------|--------------|--------------------|---|
| | | | AIRFLOW | ESP | DUCT COLLARS | | | LENGTH | WIDTH | MAU PLENUM | | AC PLENUM | | MANUFACTURER | MODEL | | | | | | | | | | |
| | | | | | NO. | WIDTH | LENGTH | | | AIRFLOW | NO. | DIAMETER | | | | | | | | | | | | | |
| HD-1 | TYPE I CANOPY HOOD WITH PERFORATED MAU AND AC SUPPLY PLENUMS | 600°F | 3200 CFM | 0.86 in-wg | 2 | 10" | 1' - 3" | 14' - 3" | 4' - 3" | 15' - 3" | 1' - 10" | 1,950 CFM | 4 | 10" | 2' - 0" | 800 CFM | 7 | 8" | 10 | 1,200 lb | HS | GC | CAPTIVE-AIRE | 5424 ND-2-ACPS-P-F | MAT'L: 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 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 | ESP | TOTAL | SENSIBLE | EAT | COND. EAT | INPUT | OUTPUT | EAT | COMPRESSORS | CIRCUITS | TYPE | | CHARGE | MOCP | FLA | | | V/P/H | MANUFACTURER | | MODEL | |
| | | | | DB | WB | | | | | | | | | | | | | | | | | | | | | | |
| RTU-1 | KITCHEN ROOFTOP UNIT | 7.5 ton | 12 | 3,000 CFM | 500 CFM | 0.8 in-wg | 97,100 Btu/h | 71,100 Btu/h | 80 °F | 67 °F | 95 °F | 180,000 Btu/h | 144,000 Btu/h | 59 °F | 2 | 2 | R-410A | 17.3 lb | 1350 lb | 60 A | 46.1 A | 208/3/60 | HES | GC | YORK | 21090 | 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 | DINING ROOM ROOFTOP UNIT | 10 ton | 12 | 4,000 CFM | 1,000 CFM | 0.8 in-wg | 133,800 Btu/h | 97,900 Btu/h | 80 °F | 67 °F | 95 °F | 240,000 Btu/h | 192,000 Btu/h | 55 °F | 2 | 2 | R-410A | 15.8 lb | 1350 lb | 60 A | 49.8 A | 208/3/60 | HES | GC | YORK | 21120 | 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. |

AIR BALANCE SCHEDULE


| TAG | SUPPLY FLOW | RETURN FLOW | EXHAUST FLOW | SUBTOTAL |
|--------------------|-------------|-------------|--------------|-----------|
| EF-1 | 0 CFM | 0 CFM | 3200 CFM | -3200 CFM |
| EF-2 | 0 CFM | 0 CFM | 150 CFM | -150 CFM |
| MAU-1 | 1950 CFM | 0 CFM | 0 CFM | 1950 CFM |
| RTU-1 | 3000 CFM | 2500 CFM | 0 CFM | 500 CFM |
| RTU-2 | 4000 CFM | 3000 CFM | 0 CFM | 1000 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 SCHEDULE IN THE ENERGY MANAGEMENT SYSTEM.

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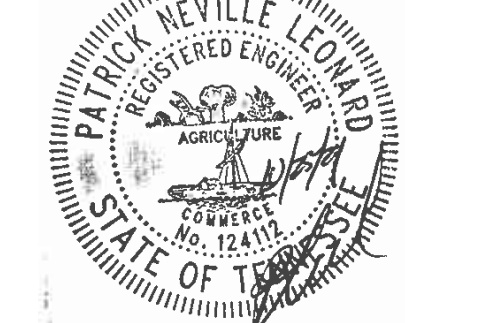

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Contents: HVAC SCHEDULES

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