

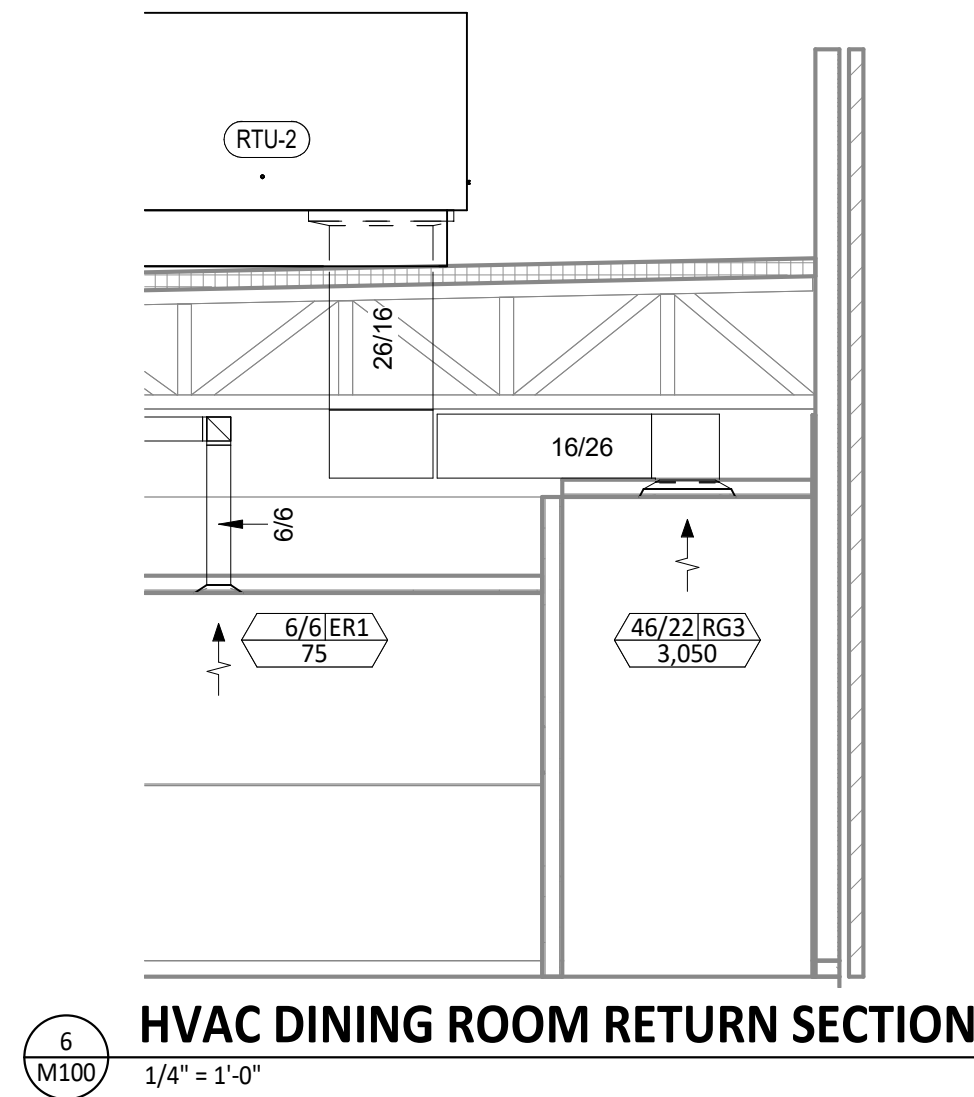


**HVAC PLAN NOTES**

- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION. TYPICAL.
- PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTERS BLACK. TYPICAL.
- PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.
- 24/14 DUCT UP FOR TRANSITION TO RTU-1 RETURN CONNECTION IN ROOF CURB. RTU-1 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-1 OPERATION.
- 26/16 DUCT UP FOR TRANSITION TO RTU-2 RETURN CONNECTION IN ROOF CURB. RTU-2 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-2 OPERATION.
- 28/14 DUCT UP FROM BUILDING SUPPLY THROUGH ROOF. TRANSITION TO RTU-1 SUPPLY CONNECTION IN ROOF CURB.
- 26/18 DUCT UP FROM BUILDING SUPPLY TO RTU-2 SUPPLY CONNECTION. TRANSITION IN ROOF CURB.
- 14/14 DUCT UP THROUGH ROOF. TRANSITION TO MAU-1 SUPPLY CONNECTION IN ROOF CURB.
- 24/10 DUCT UP FROM HOOD THROUGH ROOF TO EF-1 COMPLIANT WITH NFPA 96. PROVIDE RADIUS ELBOWS WITH AN INSIDE RADIUS OF 0.5W AT ELBOWS IN GREASE DUCT.
- 8/6 DUCT UP THROUGH ROOF TO EF-2.
- 28/6 DUCT DOWN TO MAKEUP AIR PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL FOR 3.
- 8" DIA. DUCT DOWN TO AC PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL. CAP UNUSED DUCT CONNECTIONS.
- INSTALL REMOTE THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2 AT THIS LOCATION AT 48" AFF. COORDINATE WITH ELECTRICAL SWITCHING IN THIS AREA. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-1 AT THIS LOCATION 60" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-2 AT THIS LOCATION 66" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-1 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-2 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL REMOTE TEMPERATURE SENSOR FOR HOOD HD-1 AT THIS LOCATION 66" AFF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE (2) #18 G. THERMISTOR CABLE FROM TEMPERATURE SENSOR TO HOOD CONTROL PANEL.
- INSTALL KITCHEN HOOD, HD-1. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL HOOD ACCORDING TO THE REQUIREMENTS OF ITS LISTING, IN COMPLIANCE WITH NFPA 96, THE BUILDING CODE, AND AUTHORITIES HAVING JURISDICTION. HOOD SHALL HAVE AN INTEGRAL DUCT COLLAR TEMPERATURE SENSOR TO AUTOMATICALLY ENERGIZE THE EXHAUST AND MAKEUP AIR FANS IF COOKING TEMPERATURES ARE DETECTED. EXHAUST DUCT SYSTEM TO BE WELDED OR FACTORY-MANUFACTURED WATER AND AIR TIGHT. INSTALL CLEANOUTS PER CODE AND AS SHOWN. INSTALL HOOD PER DETAILS 2, 4, AND 9/M700. CHIPOTLE WILL PROVIDE AN INDEPENDENT TESTING AGENCY FOR TESTING THE INTEGRITY OF THE GREASE DUCT SYSTEM.

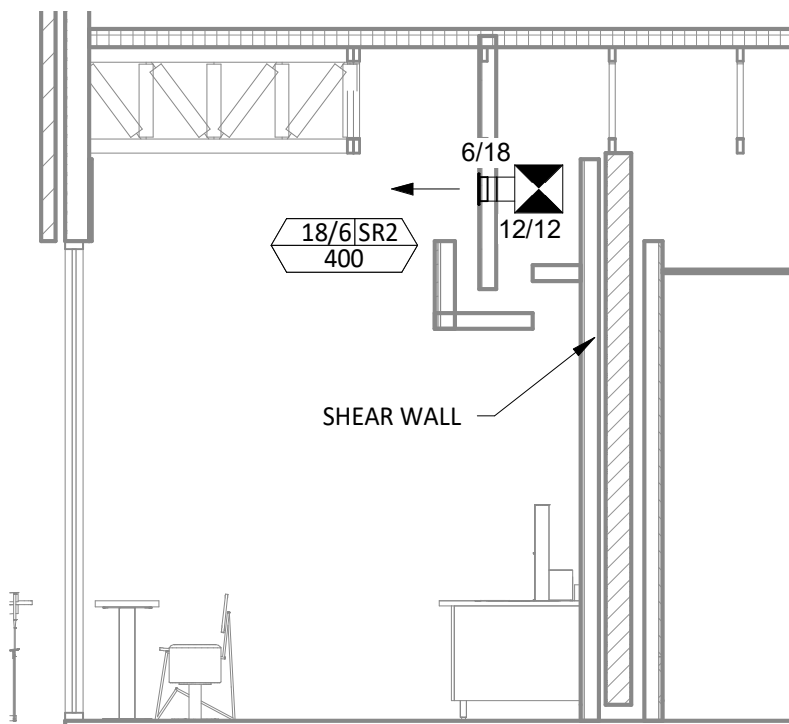
**HVAC PLAN NOTES**

- INSTALL REMOTE CONDENSING UNIT FOR WALK-IN COOLER ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE CONDENSING UNIT. CUT 2-1/2" HOLE IN WALK-IN COOLER ROOF FOR REFRIGERANT LINE SET AND SEAL PER THE COOLER MANUFACTURER'S INSTALLATION INSTRUCTIONS AFTER LINE SET IS INSTALLED.
- INSTALL REMOTE CONDENSER FOR ICE MACHINE ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. SEAL PIPING PENETRATIONS THROUGH ROOF. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE REMOTE CONDENSER. IF REFRIGERANT PIPING TO ICE MAKER IS EXPOSED TO PUBLIC VIEW CONCEAL WITHIN A STAINLESS STEEL SHROUD AS SHOWN IN THE ARCHITECTURAL DRAWINGS.
- INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- INSTALL EXHAUST FAN EF-1 PER DETAIL 5/M700 AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL GREASE VIROGUARD SYSTEM FURNISHED BY CHIPOTLE ON EXHAUST FAN, EF-1.
- PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL 1/M700. TYPICAL.
- PROVIDE AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET. WIRE A UNIT BACK TO EACH SMOKE DETECTOR. MOUNT UNIT 60" AFF. TYPICAL.
- INSTALL REME HALO AIR PURIFIER FURNISHED BY TUV IN RTU PER DETAIL 6/M700. SEE ELECTRICAL DRAWINGS FOR POWER CONNECTION INFORMATION. INSTALL UV WARNING STICKERS ON FACE OF ENCLOSURE PER DETAIL AND ON ANY RTU ACCESS DOOR(S) THROUGH WHICH THE REME HALO WOULD BE VISIBLE IF OPENED.
- MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER FLUE TERMINATION AND OUTSIDE AIR INTAKES. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER COMBUSTION AIR INTAKE AND EXHAUST FAN EF-1 DISCHARGE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION ON WATER HEATER FLUE AND COMBUSTION AIR TERMINATIONS.
- ADJUST SUPPLY REGISTERS SO THAT SUPPLY AIR HITS WALL ON OPPOSITE SIDE OF ROOM AT APPROXIMATELY 7' AFF WITH NO DRAFTS FELT IN THE DINING ROOM.



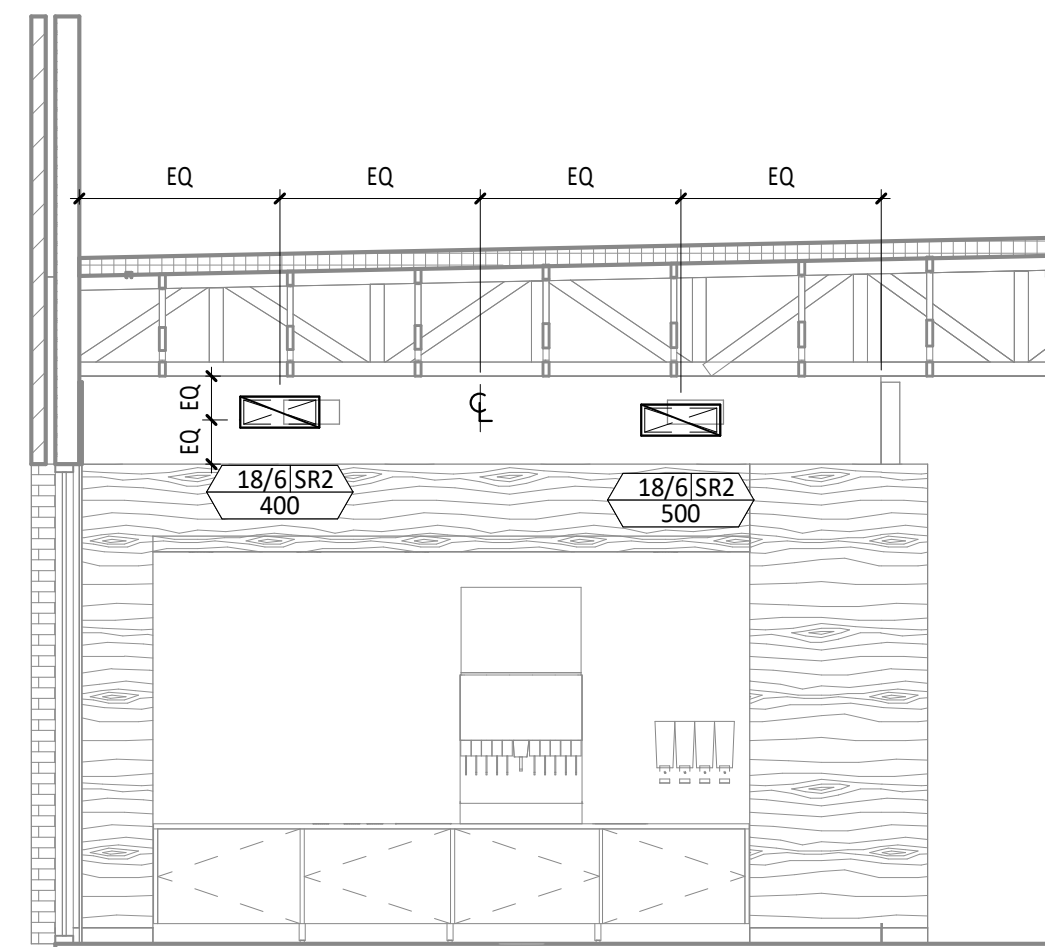
**HVAC DINING ROOM RETURN SECTION**

1/4" = 1'-0"



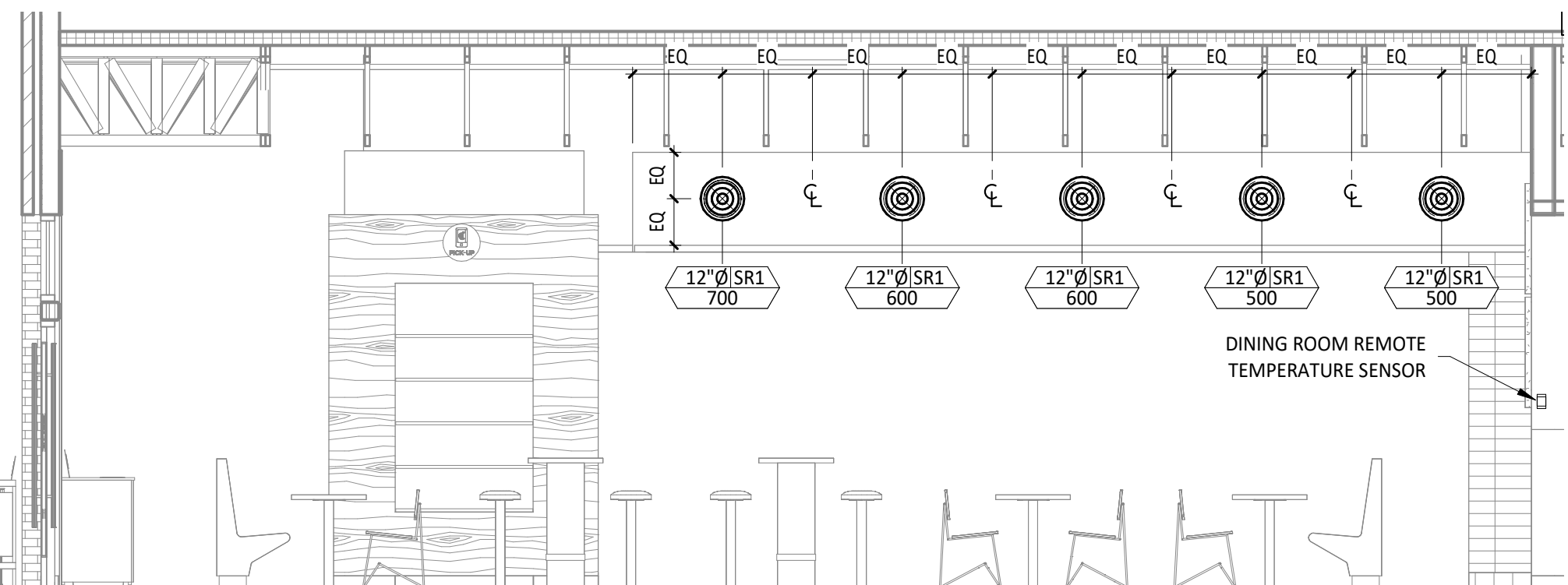
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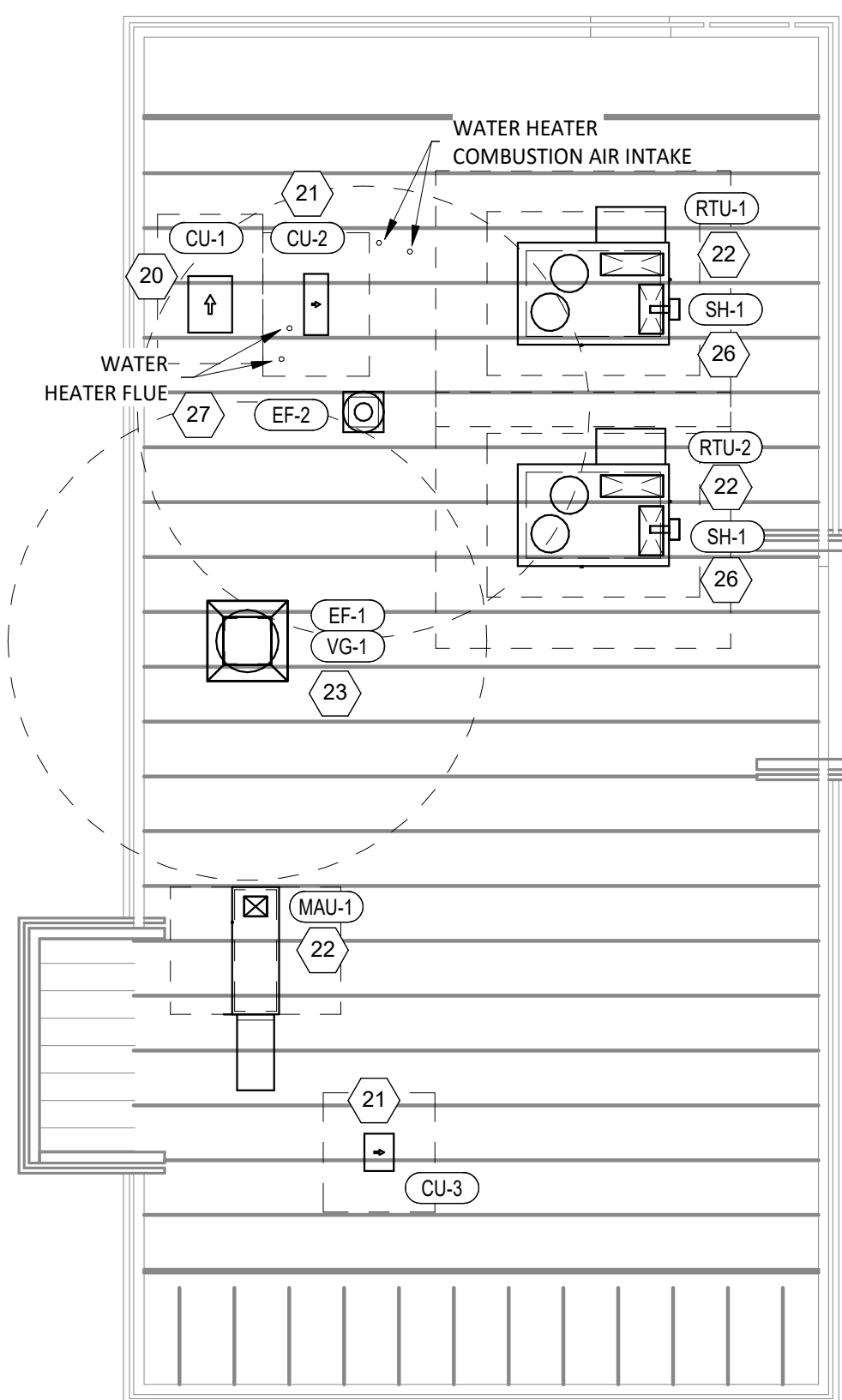
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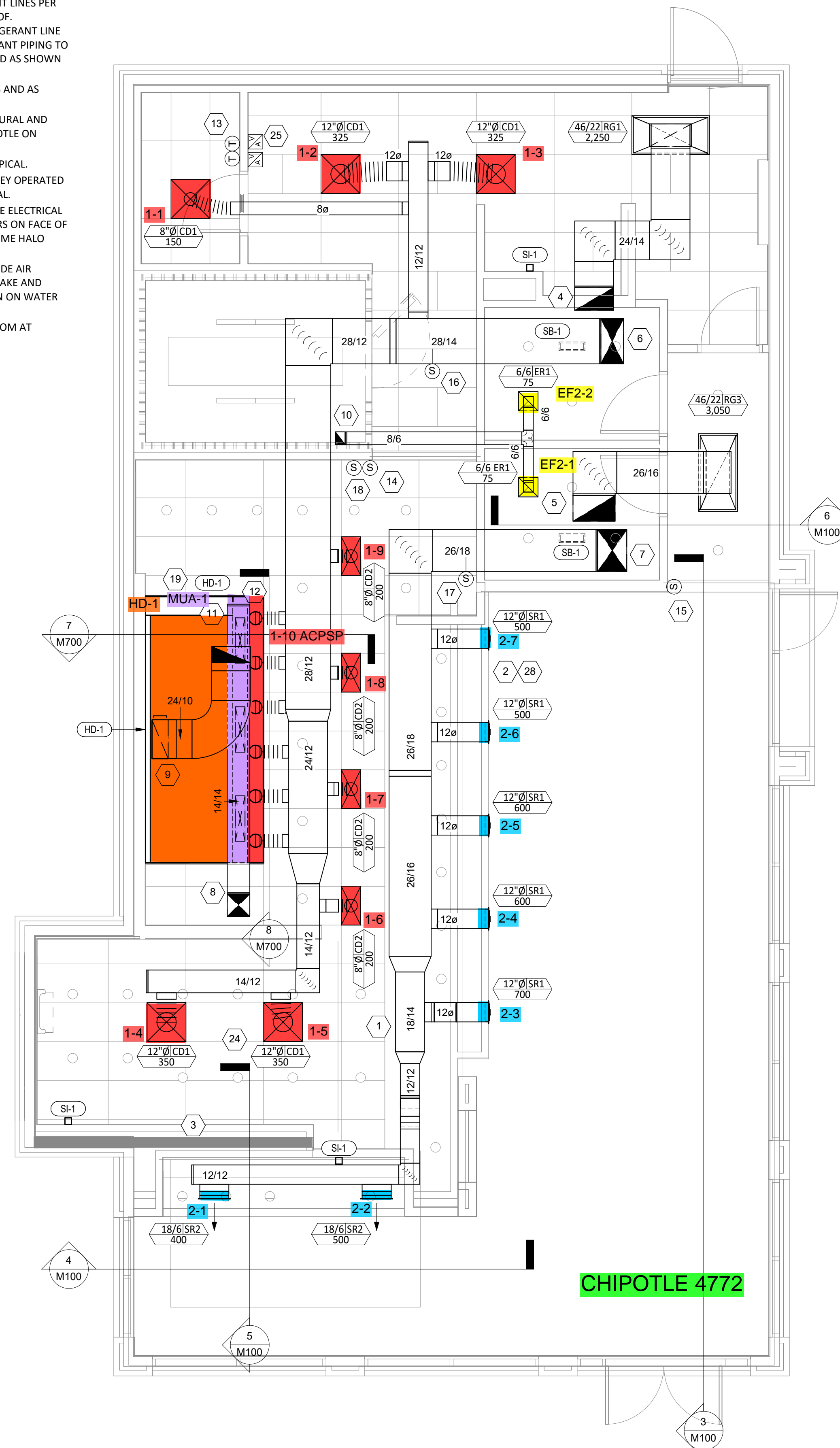
**HVAC DINING ROOM SECTION**

1/4" = 1'-0"



**HVAC ROOF PLAN**

1/8" = 1'-0"



**HVAC FLOOR PLAN**

1/4" = 1'-0"

Consultant:



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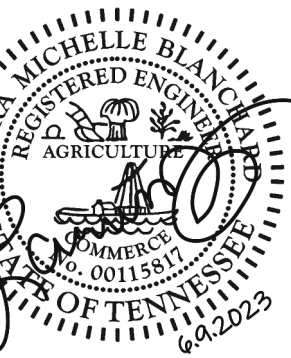
HVAC PLAN

M100



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Contents:

HVAC SCHEDULES

M600

### 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.

### AIR BALANCE SCHEDULE

| TAG                | SUPPLY FLOW | RETURN FLOW | EXHAUST FLOW | SUBTOTAL   |
|--------------------|-------------|-------------|--------------|------------|
| EF-1               | 0 CFM       | 0 CFM       | 2,550 CFM    | -2,550 CFM |
| EF-2               | 0 CFM       | 0 CFM       | 150 CFM      | -150 CFM   |
| MAU-1              | 1,300 CFM   | 0 CFM       | 0 CFM        | 1,300 CFM  |
| RTU-1              | 3,000 CFM   | 2,250 CFM   | 0 CFM        | 750 CFM    |
| RTU-2              | 3,800 CFM   | 3,050 CFM   | 0 CFM        | 750 CFM    |
| NET PRESSURIZATION |             |             |              | 100 CFM    |

### 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           | 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 | ADJUSTABLE TURBO NOZZLE           | SEE NECK SIZE | ALUMINUM | WHITE  | WALL           | GC           | GC           | AIR CONCEPTS     | ANR-12       | PROVIDE WITH CONCLEAD 12" MOUNTING AND FACE ACCESSIBLE OBD |
| SR2 | DOUBLE DEFLECTION SUPPLY REGISTER | SEE NECK SIZE | ALUMINUM | WHITE  | WALL           | GC           | GC           | NAILOR           | S1DH         | PROVIDE WITH INTEGRAL OBD                                  |

### VENTILATION SCHEDULE

| SPACE   | AREA (SQ. FT.) | People/1000 sq. ft. | sq. ft./Person | CODE PEOPLE | ACTUAL PEOPLE | ACTUAL sq. ft./Person | O/A CFM/Person | O/A CFM/sq. ft. | O/A CFM | E/A CFM |
|---------|----------------|---------------------|----------------|-------------|---------------|-----------------------|----------------|-----------------|---------|---------|
| KITCHEN | 1150           | 20                  | 50             | 20          | 10            | 115                   | 7.5            | 0.12            | 213     | 3,200   |
| DINING  | 920            | 70                  | 14.29          | 70          | 50            | 18.4                  | 7.5            | 0.18            | 540.6   | -       |
| OFFICE  | 65             | 5                   | 200            | 5           | 1             | 65                    | 5              | 0.06            | 8.9     | -       |
| RR      | -              | -                   | -              | -           | -             | -                     | -              | -               | -       | 200     |

### 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      | 2,550 CFM | 1.20 in-wg | 400 lb | 2 hp        | 208/3/60 | HS           | GC           | CAPTIVE-AIRE     | DU180HFA | 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  | COUNT | DESCRIPTION   | DUCT CONNECTION SIZE | FAN                   | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN MANUFACTURER |
|------|-------|---|----------------------|-----------------------|--------------|--------------|-------------------------------|
| 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   |        | MOC        | 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 | 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      |

### SANITIZING EQUIPMENT SCHEDULE

| TAG  | COUNT | DESCRIPTION                    | FURNISHED BY | INSTALLED BY | MANUFACTURER            | MODEL        | REMARKS   |
|------|-------|--------------------------------|--------------|--------------|-------------------------|--------------|---|
| 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. |

### MAKEUP AIR UNIT SCHEDULE

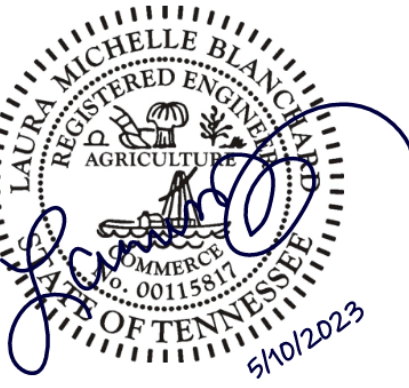
| TAG   | DESCRIPTION                  | AIRFLOW   | E.S.P.     | HEATING       |               |       | WEIGHT | ELECTRICAL  |          | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN |              | REMARKS   |
|-------|------------------------------|-----------|------------|---------------|---------------|-------|--------|-------------|----------|--------------|--------------|------------------|--------------|---|
|       |                              |           |            | INPUT         | OUTPUT        | EAT   |        | MOTOR POWER | V/P/H    |              |              | MANUFACTURER     | MODEL        |   |
| MAU-1 | DIRECT-FIRED MAKEUP AIR UNIT | 1,300 CFM | 0.50 in-wg | 225,000 Btu/h | 220,000 Btu/h | 21 °F | 650 lb | 1 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. | AIRFLOW   | E.S.P.     | EXHAUST PLENUM |       |         |            |         |          | PERFORATED SUPPLY PLENUMS |           |       |              |         |         | NO. OF LIGHT FIXTURES | WEIGHT | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN |       | REMARKS      |                   |   |
|------|--|-------------------|-----------|------------|----------------|-------|---------|------------|---------|----------|---------------------------|-----------|-------|--------------|---------|---------|-----------------------|--------|--------------|--------------|------------------|-------|--------------|-------------------|---|
|      |  |                   |           |            | DUCT COLLARS   |       |         | MAU PLENUM |         |          | AC PLENUM                 |           |       | DUCT COLLARS |         |         |                       |        |              |              | MANUFACTURER     | MODEL |              |                   |   |
|      |  |                   |           |            | NO.            | WIDTH | LENGTH  | LENGTH     | WIDTH   | LENGTH   | WIDTH                     | LENGTH    | WIDTH | LENGTH       | NO.     | WIDTH   |                       |        |              |              |                  |       |              | LENGTH            | AIRFLOW   |
| HD-1 | TYPE I CANOPY HOOD WITH PERFORATED MAU AND AC SUPPLY PLENUMS | 600 °F            | 2,550 CFM | 0.97 in-wg | 1              | 10"   | 2' - 0" | 12' - 9"   | 4' - 3" | 13' - 9" | 1' - 7"                   | 1,300 CFM | 3     | 6"           | 2' - 4" | 700 CFM | 6                     | 8"     | 8            | 1,150 lb     | HS               | GC    | CAPTIVE-AIRE | 5424 ND-2-ACPPS-F | MAT'L: 18 GA. TYPE 430 SS. FURNISHED WITH VERTICAL 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 | AIRFLOW   |         | NET COOLING CAPACITY |             |                |       | HEATING CAPACITY |             |              | ELECTRICAL |        |          | BASIS FOR DESIGN |       | REMARKS  |              |        |   |
|-------|--------------------------|------------------|-----------|---------|----------------------|-------------|----------------|-------|------------------|-------------|--------------|------------|--------|----------|------------------|-------|----------|--------------|--------|---|
|       |                          |                  | TOTAL     | OA      | E.S.P. (IN. W.C.)    | TOTAL (MBH) | SENSIBLE (MBH) | EAT   | COND. EAT        | INPUT (MBH) | OUTPUT (MBH) | EAT        | WEIGHT | MOC      | MCA              | V/P/H |          | MANUFACTURER | MODEL  |   |
| RTU-1 | KITCHEN ROOFTOP UNIT     | 8.5 ton          | 3,000 CFM | 750 CFM | 0.8                  | 98.3        | 81.2           | 78 °F | 64 °F            | 93 °F       | 180,000      | 146,000    | 70 °F  | 1,100 lb | 50 A             | 39 A  | 208/3/60 | CARRIER      | 48FC09 | FURNISHED WITH HINGED ACCESS PANELS, STANDARD ECONOMIZER W/ DUAL ENTHALPY CONTROLS, BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, MERV-8 FILTERS, CURB, HAIL GUARD, DISCONNECT, & UNIT-MOUNTED NON-POWERED CONVENIENCE RECEPTACLE |
| RTU-2 | DINING AREA ROOFTOP UNIT | 10 ton           | 3,800 CFM | 750 CFM | 0.8                  | 126.1       | 90.2           | 79 °F | 67 °F            | 93 °F       | 200,000      | 164,000    | 70 °F  | 1,125 lb | 60 A             | 45 A  | 208/3/60 | CARRIER      | 48FC12 | FURNISHED WITH HINGED ACCESS PANELS, STANDARD ECONOMIZER W/ DUAL ENTHALPY CONTROLS, BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, MERV-8 FILTERS, CURB, HAIL GUARD, DISCONNECT, & UNIT-MOUNTED NON-POWERED CONVENIENCE RECEPTACLE |



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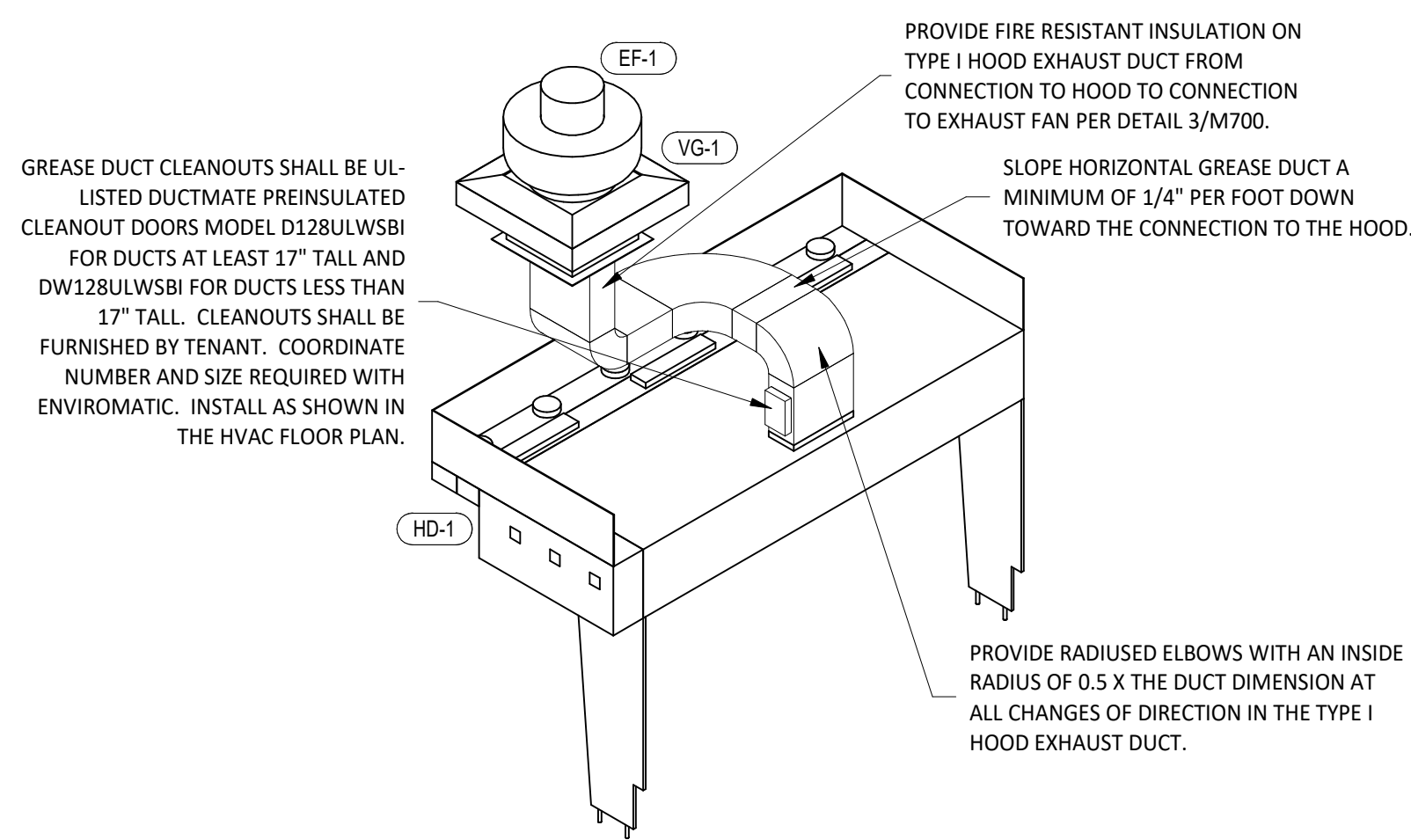
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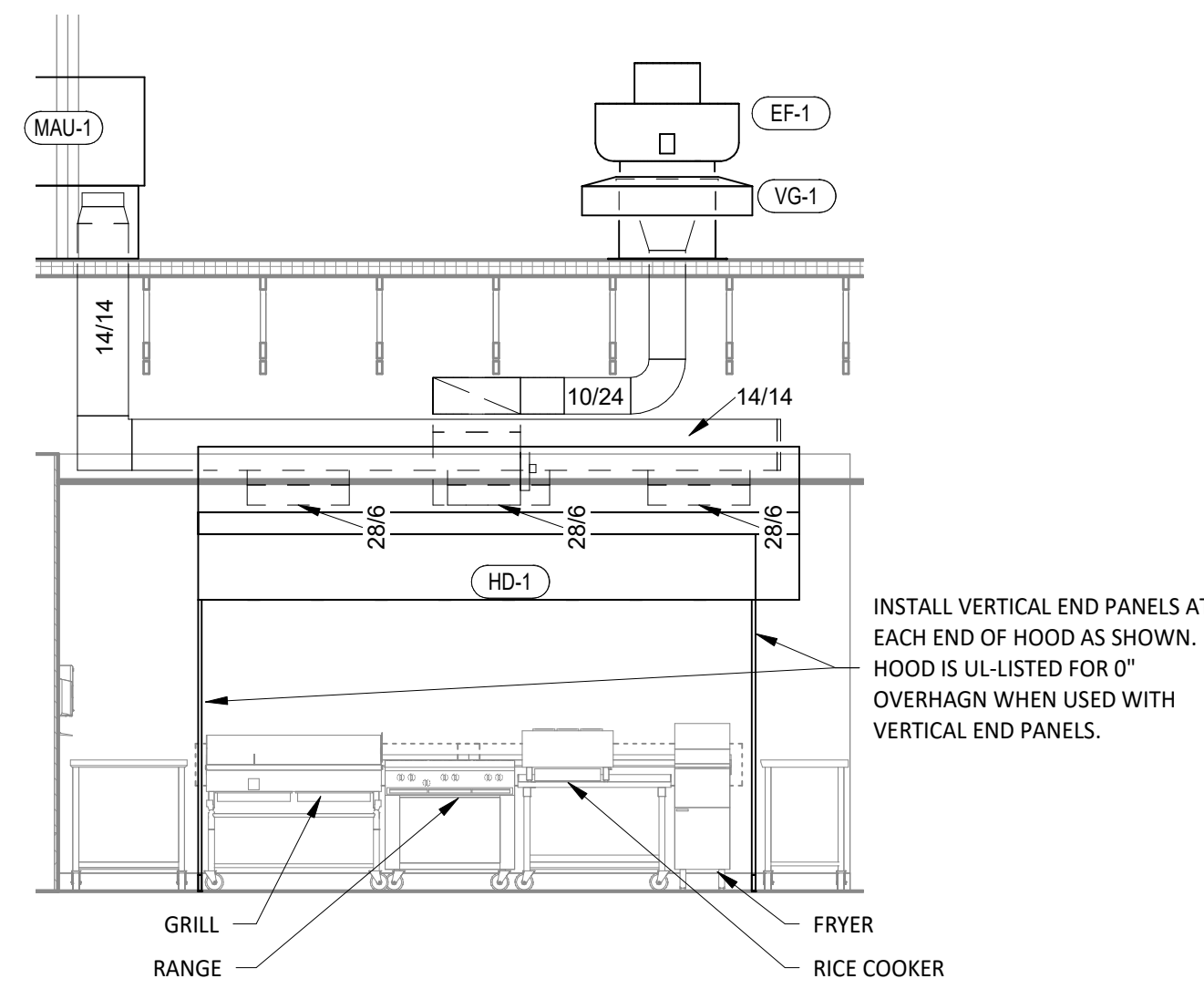
Contents:

HVAC DETAILS

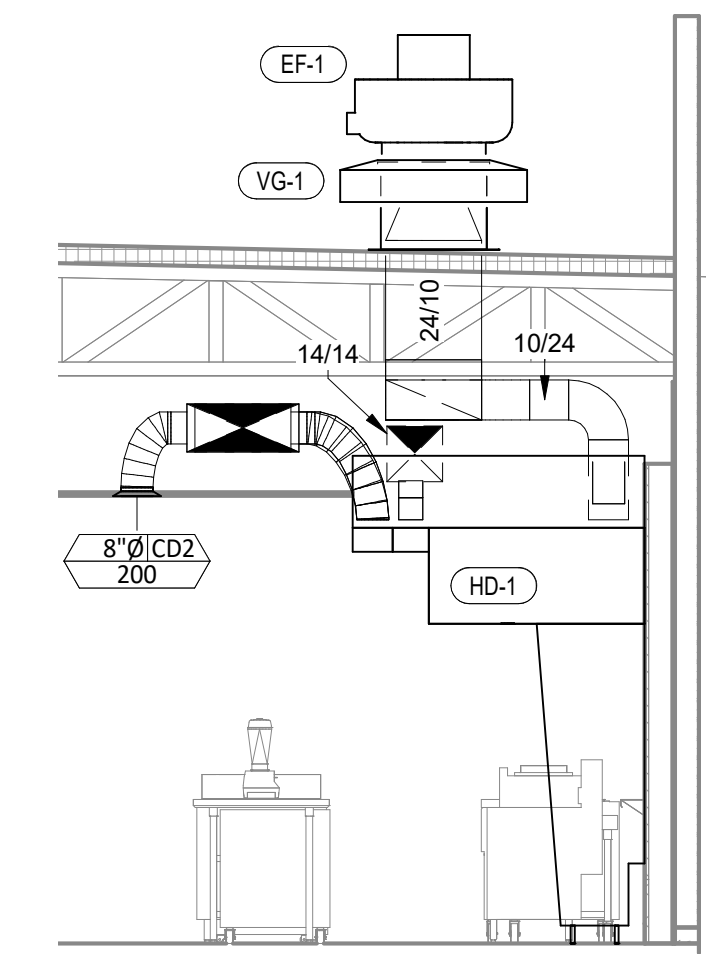
M700



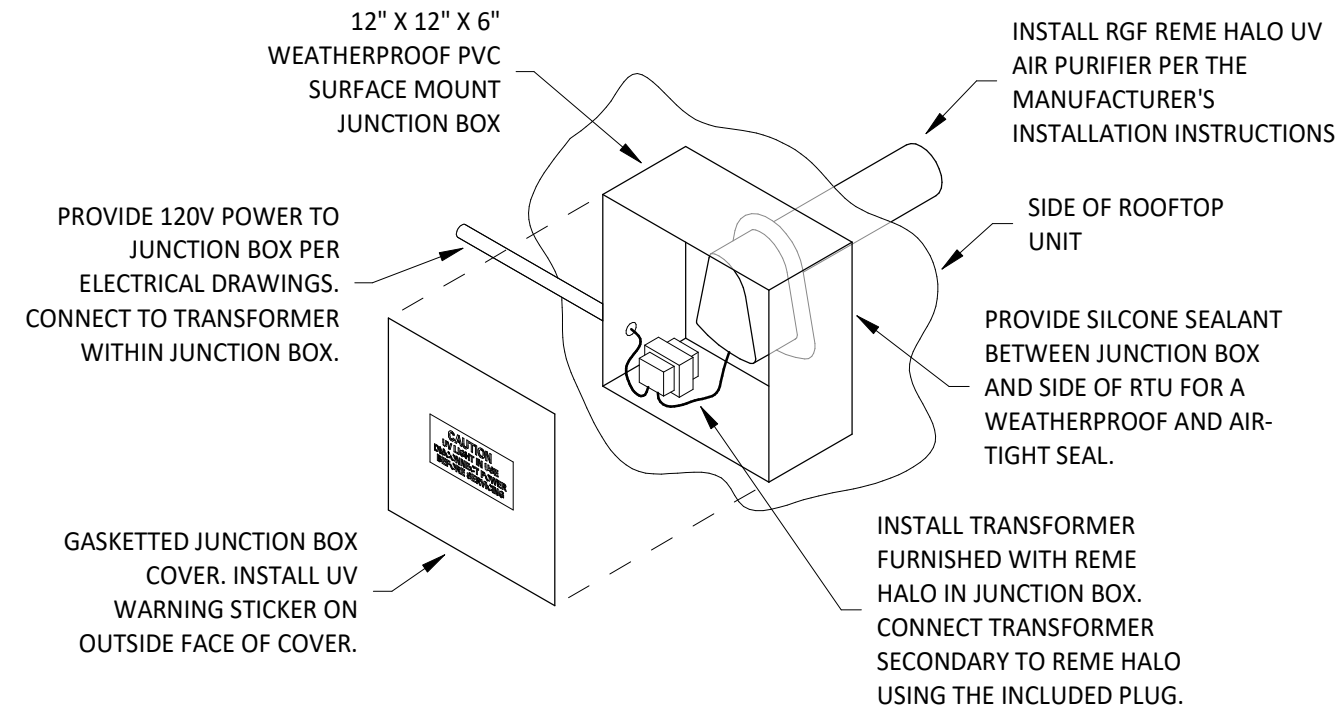
9 HOOD EXHAUST ISOMETRIC  
M700 NOT TO SCALE



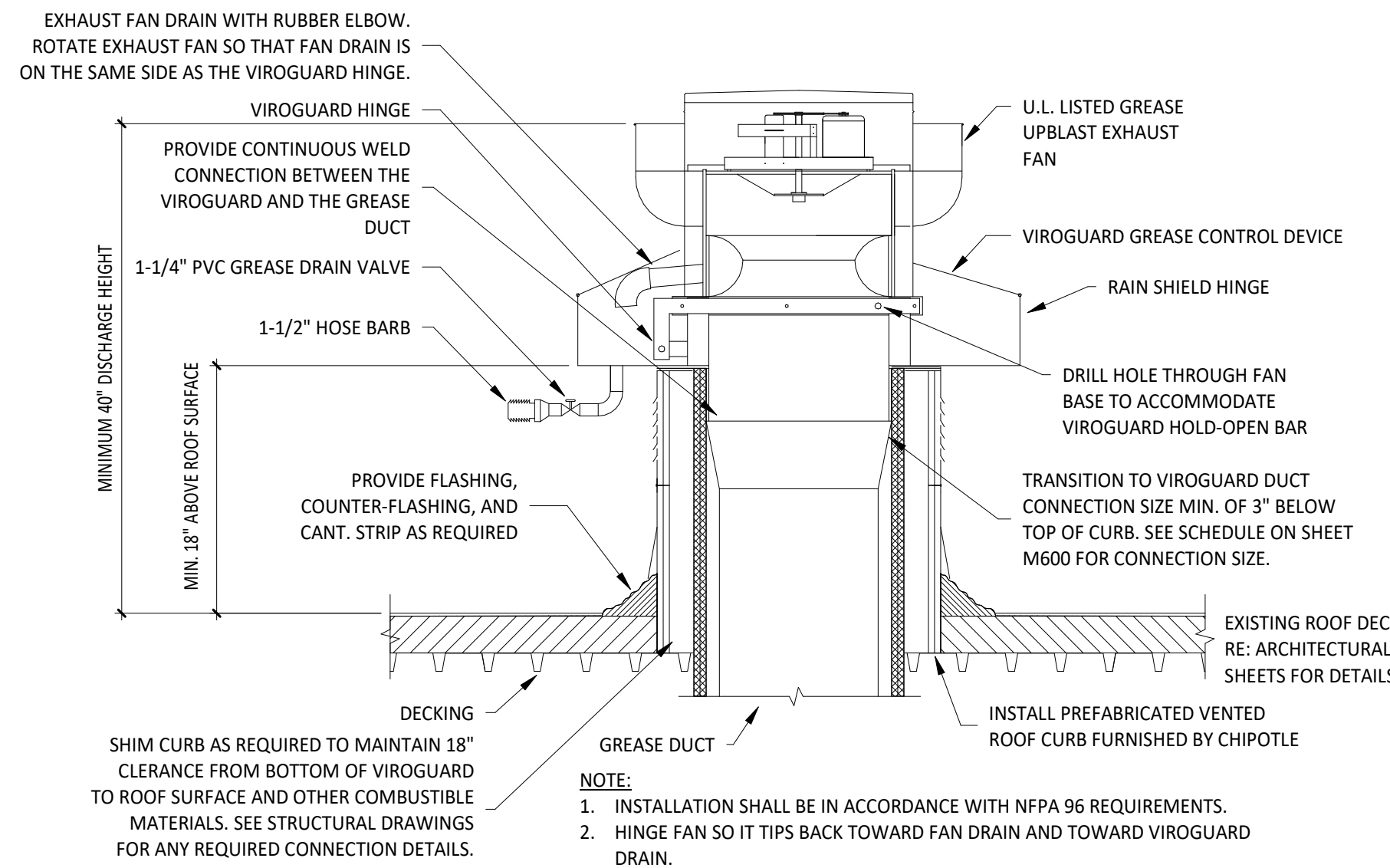
8 HOOD ELEVATION  
M700 1/4" = 1'-0"



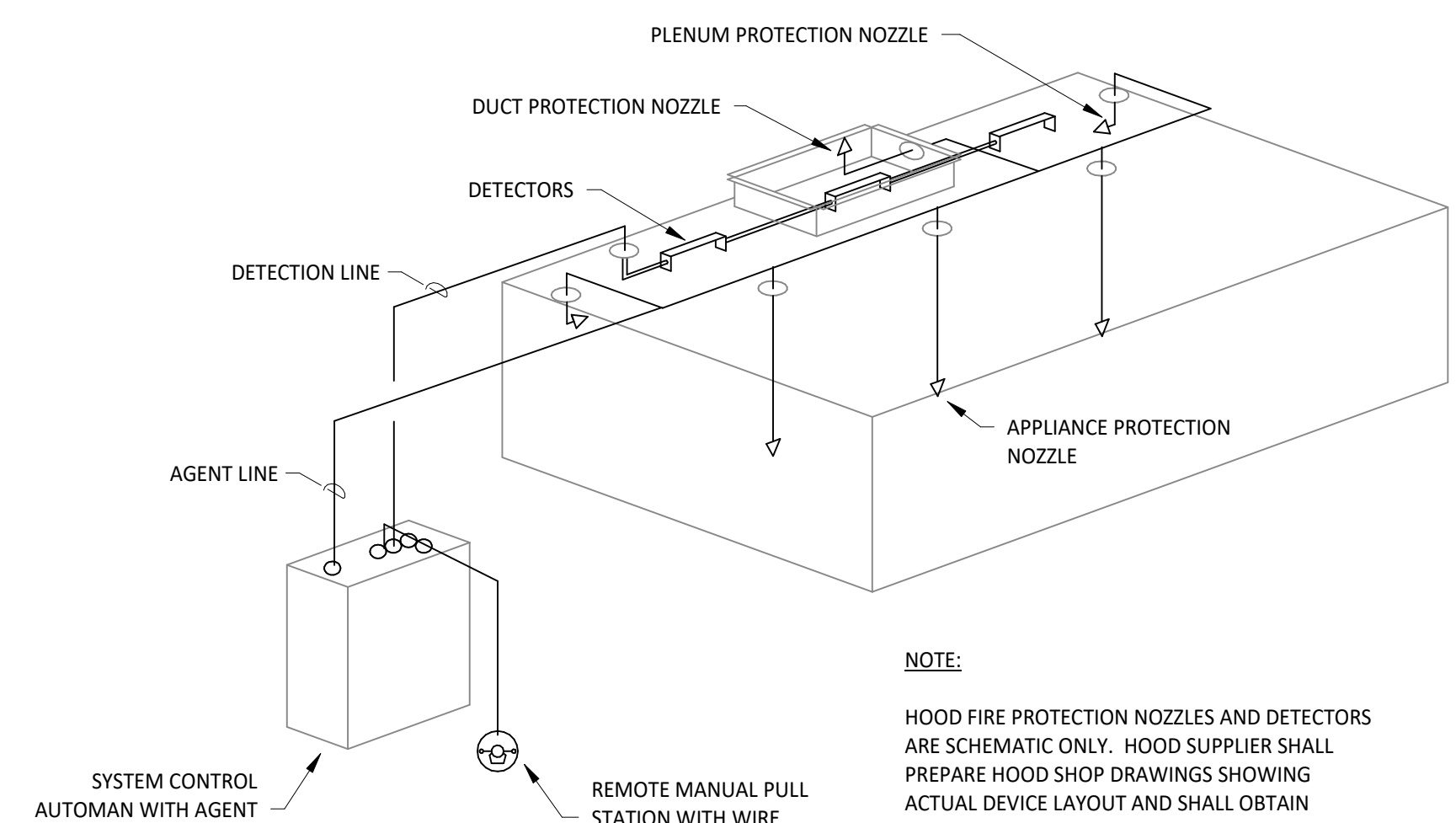
7 DUCT SECTION AT HOOD  
M700 1/4" = 1'-0"



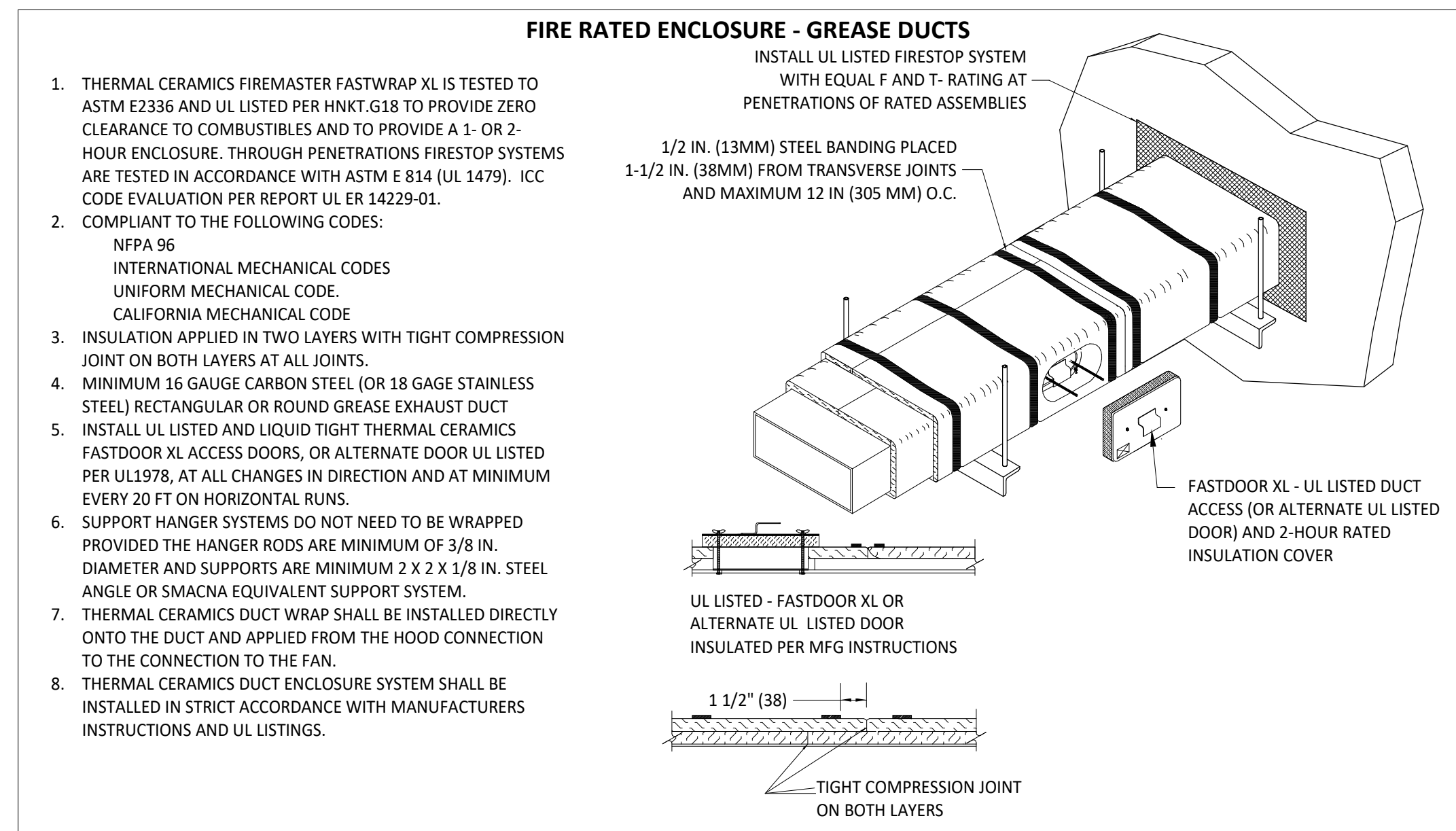
6 UV AIR PURIFIER INSTALLATION  
M700 NOT TO SCALE



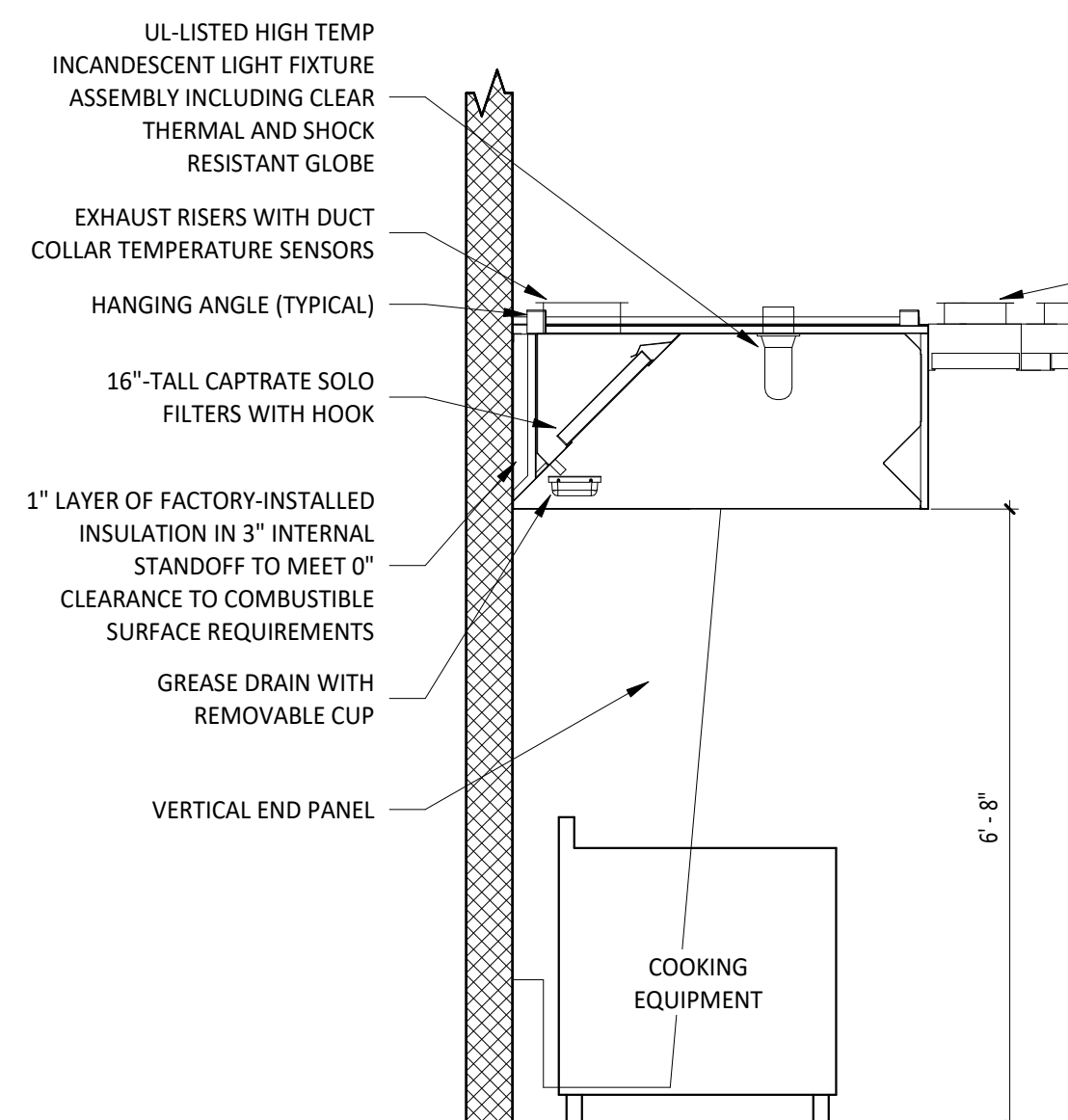
5 GREASE EXHAUST FAN  
M700 NOT TO SCALE



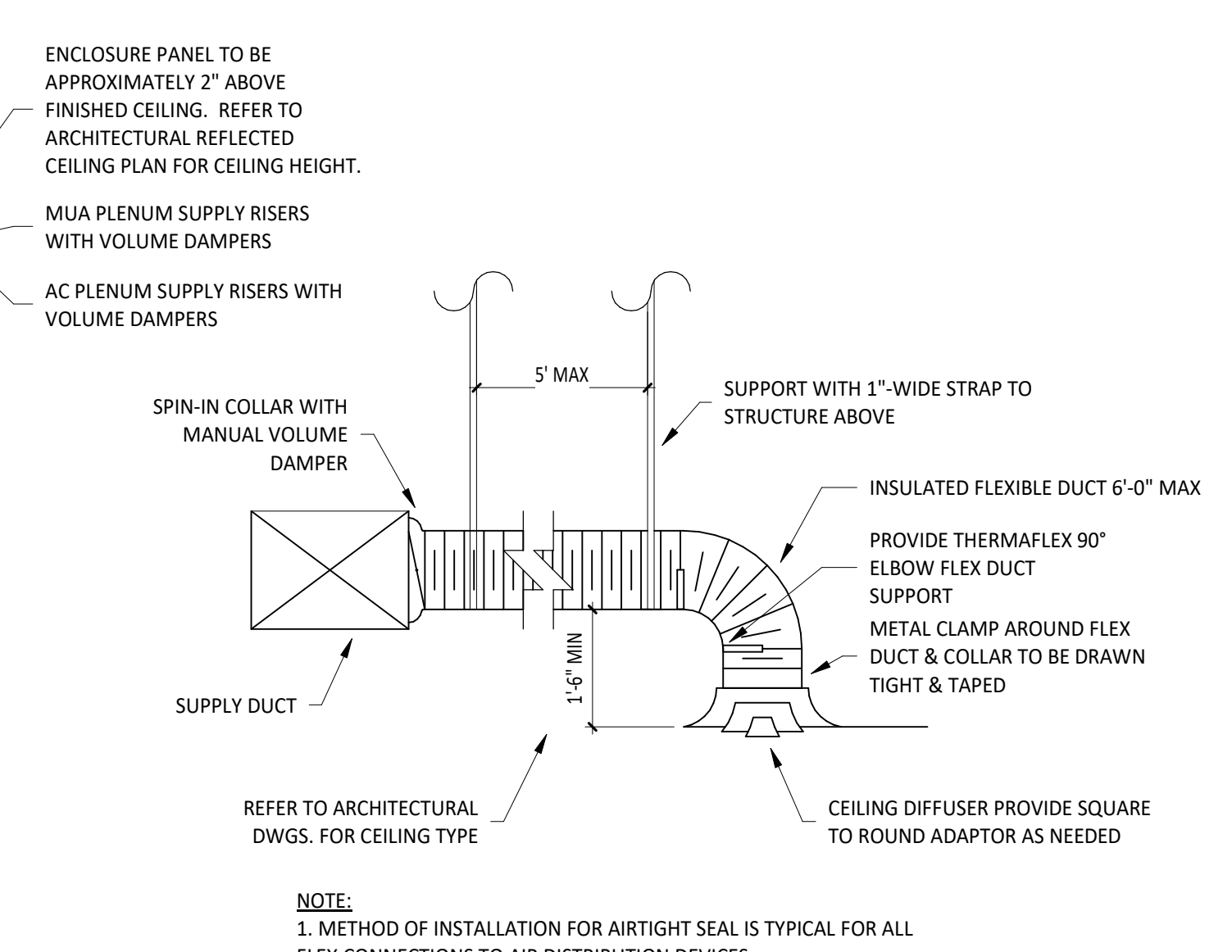
4 FIRE SUPPRESSION SYSTEM SCHEMATIC  
M700 NOT TO SCALE



3 FIREMASTER DUCT WRAP - UL HNKT-G18  
M700 NOT TO SCALE



2 HOOD SECTION VIEW  
M700 NOT TO SCALE



1 DIFFUSER CONNECTION  
M700 NOT TO SCALE