

LOBBY AND ENTRY LOBBY HAVE MOVED TO WEST ELEVATION. REFER TO SHEET A10 FOR UPDATED LAYOUT

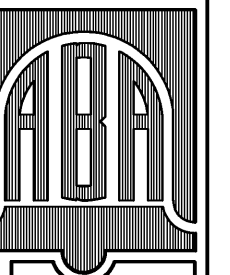
GENERAL NOTES

- A. ALL OUTDOOR AIR INTAKES BY MECHANICAL EQUIPMENT SHALL HAVE A MINIMUM 12'-0" HORIZONTAL CLEARANCE FROM THE DISCHARGE OF ANY EXHAUST FAN, COMBUSTION EXHAUST OR PLUMBING VENT.
- B. PROVIDE VIBRATION ISOLATION DEVICES AND FLEXIBLE DUCT/PIPING CONNECTIONS TO ALL MOVING MACHINERY AND INTERNALLY ISOLATED.
- C. ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
- D. THE MECHANICAL CONTRACTOR SHALL COORDINATE ALL DUCT AND DIFFUSER LOCATIONS WITH LIGHT FIXTURES AS WELL AS SPRINKLER PIPING AND HEADS (WHERE INCLUDED IN THE PROJECT) FOR A COMPLETE INSTALLATION.
- E. LOCATIONS FOR THERMOSTATS AND REMOTE SENSORS SHALL BE FIELD COORDINATED TO AVOID INTERFERENCE WITH WALL-MOUNTED DECOR OR PROXIMITY TO HEAT PRODUCING EQUIPMENT.
- F. ALL RECTANGULAR, ROUND, AND FLEXIBLE DUCTWORK SHALL BE SIZED AS SHOWN ON THESE DRAWINGS, AND SHALL BE FABRICATED AND INSTALLED ACCORDING TO THE MOST RECENTLY PUBLISHED SMACNA STANDARDS. ALL JOINTS, SEAMS, AND CONNECTIONS MUST BE SECURELY FASTENED & SEALED BY APPROVED METHODS.
- G. ANY FLEXIBLE DUCTS SHALL BE INSTALLED IN CONCEALED SPACES ONLY. THE MAXIMUM ALLOWABLE LENGTH OF FLEXIBLE DUCT SHALL BE 5'-0". ALL FLEXIBLE DUCTS SHALL BE CONNECTED BY BRANDED SEAMS AND FITTINGS WITH A PANDUIT-TYPE TIE ROD, AND SHALL NOT BE ATTACHED DIRECTLY TO THE AIR OR CONDENSATE COLLARS.

NOTED NOTES

1. ROUTE ONLY MAKEUP RETURN DUCTS DOWN FROM THE RTU CONNECTIONS AND TRANSITION THROUGH THE ROOF TO SIZES AS SHOWN. INSTALL COMPLETE WITH FLEXIBLE CONNECTIONS AT EQUIPMENT. PROVIDE 1/2" INTERIALLY LINED ACOUSTIC INSULATION FOR RETURN DUCTWORK AND THE FIRST 10'-0" OF SUPPLY DUCTWORK.
2. FACTORY AVAILABLE SMOKE DETECTOR CAPABLE OF SHUTTING DOWN THE RESPECTIVE MECHANICAL UNIT UPON ACTIVATION.
3. WALL MOUNTED REMOTE ZONE TEMPERATURE SENSOR SHALL BE MOUNTED AT 48" AFF, AND WIRED BACK TO RESPECTIVE PROGRAMMABLE THERMOSTAT IN MGR'S OFFICE. COORDINATE PLACEMENT WITH WALL DECOR AND EQUIPMENT. FIELD VERIFY WITH THE OWNER'S REPRESENTATIVE FOR THE FINAL LOCATION PRIOR TO INSTALLATION.
4. PROGRAMMABLE THERMOSTATS IN MANAGER'S OFFICE TO BE MOUNTED AT 48" AFF AND VERTICALLY STACKED AND CLEARLY LABELED. VERIFY PLACEMENT WITH ARCHITECTURAL FLOOR PLAN AND INTERIOR ELEVATIONS.
5. UNIT HEATER SHALL BE MOUNTED ON FACTORY AVAILABLE WALL BRACKET, AS HIGH AS POSSIBLE FOR CLEARANCE ABOVE THE DOOR JAMB, ANGLE THE DISCHARGE FACE DOWN TOWARDS THE WATER PIPING.
6. MANUAL PULL STATION FOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM ACTIVATION AND GAS SUPPLY SHUT-OFF TO BE PROVIDED BY THE FIRE SUPPRESSION SUBCONTRACTOR. GENERAL CONTRACTOR SHALL PROVIDE RECESSED JUNCTION BOX AND CONDUIT FOR PULL STATION LINKAGE. FIRE SUPPRESSION SUBCONTRACTOR SHALL VERIFY APPROVED LOCATION WITH THE LOCAL AUTHORITY AND COORDINATE THE COMPLETE INSTALLATION WITH ALL OTHER TRADES.
7. FIRE SUPPRESSION CABINET TO BE FURNISHED AND INSTALLED COMPLETE WITH THE EXHAUST HOOD PACKAGE.
8. ENERGY MANAGEMENT SYSTEM CABINET TO BE FURNISHED AND INSTALLED COMPLETE WITH THE EXHAUST HOOD PACKAGE.
9. ROUTE GREASE EXHAUST DUCT UP FROM HOOD COLLAR THRU ROOF TO EXHAUST FAN. GREASE EXHAUST DUCT SHALL BE OF THE SAME SIZE AS THE HOOD COLLAR. FIELD VERIFY ANY REQUIRED TRANSITIONS OR OFFSETS OF EXHAUST DUCT FROM COMBUSTIBLE MATERIALS TO MAINTAIN THE MINIMUM CLEARANCES REQUIRED PER APPLICABLE CODE(S) AND FIRE WRAP MANUFACTURER'S INSTRUCTIONS.
10. ROUTE GREASE EXHAUST DUCT UP FROM HOOD COLLAR THRU ROOF TO EXHAUST FAN. GREASE EXHAUST DUCT SHALL BE OF THE SAME SIZE AS THE HOOD COLLAR. PITCH HORIZONTAL EXHAUST DUCT A MINIMUM OF 1/4" PER FOOT BACK TOWARDS THE HOOD. FIELD VERIFY ANY REQUIRED TRANSITIONS OR OFFSETS OF EXHAUST DUCT FROM COMBUSTIBLE MATERIALS TO MAINTAIN THE MINIMUM CLEARANCES REQUIRED PER APPLICABLE CODE(S) AND FIRE WRAP MANUFACTURER'S INSTRUCTIONS.
11. ROUTE CONDENSATE EXHAUST DUCT UP FROM HOOD COLLAR AND OFFSET HORIZONTALLY AS SHOWN PRIOR TO EXTENDING UP THRU ROOF TO EXHAUST FAN. FIELD VERIFY REQUIRED TRANSITIONS OR OFFSETS OF EXHAUST DUCT FROM STRUCTURE. PITCH HORIZONTAL EXHAUST DUCT A MINIMUM OF 1/4" PER FOOT TOWARDS THE HOOD. CONDENSATE EXHAUST DUCTWORK SHALL BE INSTALLED COMPLETE WITH EXTERNAL DUCT INSULATION SIMILAR TO OTHER HVAC DUCTWORK.
12. EXTEND THE RESTROOM EXHAUST RISER UP TO ROOF MOUNTED EXHAUST FAN. FIELD VERIFY ANY REQUIRED TRANSITIONS OR OFFSETS OF EXHAUST DUCT FROM STRUCTURE.
13. ROUTE MAKEUP AIR DUCTWORK TO PERFORATED SUPPLY PLENUM COLLAR CONNECTION. MAKEUP AIR DUCT CONNECTION SHALL BE OF THE SAME SIZE AS THE PLENUM COLLAR.
14. AIR DEVICE IN HARD LID CEILING SHALL BE INSTALLED COMPLETE WITH OPPOSED BLADE DAMPER FOR MANUAL VOLUME ADJUSTMENT.
15. PROVIDE TRANSFER AIR DUCT BETWEEN RETURN AIR GRILLES AS SHOWN.
16. ROUTE MAKEUP AIR DUCTWORK DOWN FULL SIZE FROM THE UNIT CONNECTION THROUGH THE ROOF AS SHOWN. PROVIDE FLEXIBLE CONNECTION AND TRANSITION THROUGH THE JOISTS AS REQUIRED.
17. ALL DUCTWORK IS INTENDED TO BE INSTALLED BELOW THE STRUCTURAL JOISTS. PIPING AND ELECTRICAL CONDUIT SHALL RUN THROUGH THE OPEN WEBBING OF THE JOISTS, ABOVE THE BOTTOM CHORD. FIELD COORDINATE THE COMPLETE INSTALLATION WITH ALL OTHER TRADES.
18. AIR DEVICE SCHEDULED IS INTENDED FOR PASSIVE DUCTED TRANSFER OF POSITIVE PRESSURE AIR TO THE ADJACENT SPACE.
19. ALL RETURN GRILLE AIR QUANTITIES LISTED ARE FOR STANDARD OPERATING HOURS. REFER TO SHEET M2.1 FOR AIR BALANCE REPORT ON DESIGN AIRFLOW RATES.
20. ROUTE THE COMBUSTION AIR INTAKE/ EXHAUST PIPING FROM THE WATER HEATERS IN THE MECHANICAL ROOM TO TERMINATION LOCATIONS ON THE EXTERIOR WALL ABOVE THE DOOR. INSTALL WITH THE MINIMUM ELBOWS AND OFFSETS AS NECESSARY FOR A COMPLETE INSTALLATION PER THE WATER HEATER MANUFACTURER'S REQUIREMENTS. TERMINATED WITH THE HORIZONTAL CONCENTRIC VENT KIT. FIELD COORDINATE EXHAUST PIPING WITH CEILING LIGHT FIXTURE.

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 SHEET
 M1.1
 OF 3 SHEETS