



1 ROOF MECHANICAL PLAN
Scale: 1/8" = 1'-0"

MECHANICAL KEYED NOTES

- 1 PROVIDE AND INSTALL NEW ROOF MOUNTED INTAKE HOOD TO BE INSTALLED AND USED FOR OUTSIDE AIR. PROPERLY SEAL ALL PENETRATIONS THROUGH ROOF. PROVIDE CONNECTION TO OUTDOOR AIR DUCTWORK IN CHASE. PROVIDE BIRDSCREEN AT HOOD.
- 2 PROVIDE AND INSTALL NEW GOOSENECK ON ROOF. PROVIDE WITH BIRDSCREEN. COORDINATE EXACT FINAL LOCATION IN FIELD.
- 3 PROVIDE AND INSTALL NEW ROOF MOUNTED SUPPLY FAN FOR OUTSIDE AIR. PROPERLY SEAL ALL PENETRATIONS THROUGH ROOF. FAN TO BE INTERLOCKED WITH ASSOCIATED PRESSURE SENSOR. FAN SHALL BE CONTROLLED BY VFD TO MAINTAIN MINIMUM SETPOINT FOR BUILDING PRESSURIZATION. REFER TO SCHEDULE AND DETAILS FOR MORE INFORMATION.

MECHANICAL GENERAL NOTES

- 1 ALL DUCT SIZES SHOWN ARE INSIDE CLEAR, INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
- 2 COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH LIGHT FIXTURES AND ARCHITECT'S REFLECTED CEILING PLAN.
- 3 CONTRACTOR TO PROPERLY SEAL ALL NEW OR MODIFIED DUCTWORK.
- 4 SHOP PRIME ALL MISCELLANEOUS INTERIOR BRACKETS AND HANGERS UNLESS GALVANIZED OR STAINLESS STEEL. ALL EXTERIOR BRACKETS, CLAMPS, AND HANGERS SHALL BE HOT DIPPED GALVANIZED. COAT ALL CUT ENDS AND WELDS WITH ZRC COLD GALVANIZING COMPOUND.
- 5 FIELD COORDINATE WITH STRUCTURAL. OFFSET AND TRANSITION DUCTWORK AS REQUIRED.
- 6 THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
- 7 ALL CONSTRUCTION IS TO CONFORM TO MORE STRINGENT OF PLAN, SPECIFICATION REQUIREMENTS AND LOCAL CODES. CONFORM TO SMACNA HVAC CONSTRUCTION STANDARDS AS A MINIMUM WHERE NO OTHER SPECIFICATIONS OR CODE REQUIREMENTS APPLY.
- 8 RETURN AIR IS THROUGH RETURN GRILLES AND BACK THROUGH RETURN AIR OPENINGS TO THE MECHANICAL ROOM. CONTRACTOR TO MAINTAIN RETURN AIR PATH. PROVIDE OPENINGS OR RETURN AIR BOOTS AS REQUIRED.
- 9 ALL DUCTWORK 15 FEET DOWNSTREAM OF AHU'S AND 10 FEET DOWNSTREAM OF FFP'S TO BE PROVIDED WITH KNAUF PERFORMANCE+ INTERNAL LINER OR APPROVED EQUAL.
- 10 ALL TRANSFER AIR DUCTS/BOOTS TO BE PROVIDED WITH INTERNAL LINING.
- 11 PROVIDE RETURN AIR BOOTS ON ALL RETURN GRILLES FOR OFFICES, CONFERENCE ROOMS, ETC ON 4TH FLOOR.