

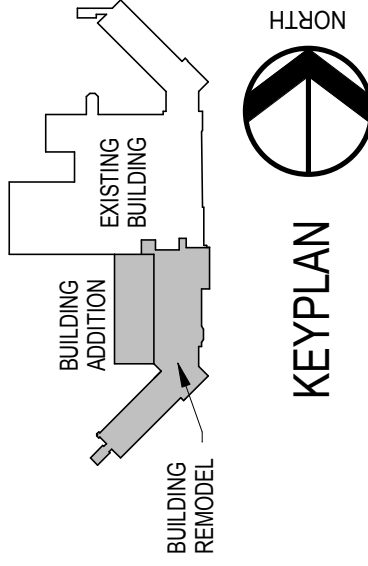
HVAC PLAN GENERAL NOTES

- 1. MATERIALS AND EQUIPMENT SHOWN ON PLANS SHALL BE NEW AND SHALL BE FABRICATED BY THIS CONTRACTOR UNLESS OTHERWISE INDICATED.
- 2. ALL DUCTWORK SHALL BE INSULATED WITH 1" MINIMUM THICKNESS OF INSULATION UNLESS OTHERWISE INDICATED. CERTAIN ROOMS HAVE NO SUSPENDED CEILINGS AND DUCTWORK IN THESE ROOMS SHALL BE EXPOSED.
- 3. DUCTWORK IS INTENDED TO BE CONCEALED IN WALLS AND PARTITIONS. IT TO BE CONCEALED DUE TO DIGITAL REGISTRATION AND ALIGNMENT ISSUES ASSOCIATED WITH THE DIGITAL REGISTRATION PROCESS.
- 4. COOPERATE WITH THE OTHER TRADES TO AVOID ANY CONFLICTS BETWEEN PIPING, DUCTWORK, ELECTRICAL WORK.
- 5. DETAILS, SCHEMATICS, DIAGRAMS, DESIGNATE GENERAL ARRANGEMENT ONLY.
- 6. FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON FLOOR PLANS, REFER TO ELEVATIONS, DETAILS, INSTRUCTIONS AND SCHEDULES.
- 7. THIS CONTRACTOR IS RESPONSIBLE FOR ALL SLEEVES AND/OR OPENINGS FOR SLEEVES, WALLS, BRIDGES, AND BEAMS EXCEPT WHERE OTHERWISE INDICATED.
- 8. CONSULT REFLECTED CEILING PLAN FOR EXACT LOCATION OF SPRINKLER HEADS, GRILLES, REGISTERS, AND DIFFUSERS.
- 9. CEILING ACCESS IS REQUIRED AT ALL REHEAT COILS, VALVES, FREE DAMPERS, MANUAL AND MOTORIZED DAMPERS LOCATED ABOVE CEILING. CEILING CONSTRUCTION AND SHALL BE MINIMUM OF 4" X 24" UNLESS OTHERWISE INDICATED. COORDINATE WITH GENERAL CONTRACTOR.
- 10. THERMIST'S LOCATED AT OUTSIDE WALLS SHALL BE MOUNTED ON INSULATED BACKING TO MINIMIZE WALL EFFECT.
- 11. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- 12. WHERE NEW SERVICES ARE SHOWN CONNECTING TO EXISTING, VERIFY EXACT LOCATION AND SIZE OF EXISTING.
- 13. EXISTING SERVICES SHALL BE MAINTAINED UNLESS OTHERWISE INDICATED.
- 14. ALL DUCTS WHICH ARE DASHED AND/OR INDICATED BY NOTE ON DEMOLITION PLANS SHALL BE REMOVED.
- 15. DIFFUSERS IN ROOMS WITHOUT FINISHED CEILINGS SHALL BE INSTALLED WITH THE DIFFUSER AT 2' ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED.
- 16. VERIFY DUCT CONNECTIONS SIZES TO POWER ROOF VENTILATORS.
- 17. WHERE SLEEVES PASS THROUGH EXISTING WALLS AND PARTITIONS, THEY SHALL BE SEaled TO THE GENERAL CONSTRUCTION. THIS SLEEVES SHALL BE MADE AN AIRTIGHT SEAL AT THIS POINT.
- 18. DUCTWORK AND CONNECTIONS BETWEEN THE 4-INCH PRESSURE DUCTWORK AND THE VAV BOXES SHALL BE THE SIZE OF THE BOX INLET. DO NOT USED FLEXIBLE DUCTWORK AND CONNECTIONS BETWEEN THE LOW PRESSURE FLEXIBLE DUCTWORK AND CONNECTIONS BETWEEN THE LOW PRESSURE FLEXIBLE DUCTWORK AND CONNECTIONS TO THE 2-INCH DUCT SHALL BE MADE THROUGH A CONNECTOR DAMPER ASSEMBLY.
- 19. FLEXIBLE DUCTWORK CONNECTIONS IN LOW DUCT STRAPS SHALL BE COVERED WITH A DUCT STRAP ON INNER DUCT AND ON OUTER INSULATION COVERING.
- 20. BUTTER AND SEAL ALL SHEET METAL DUCTWORK JOINTS.
- 21. WHERE MATERIAL IS INDICATED TO BE REMOVED IT SHALL REMAIN THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN NECESSARY PERMITS AND AS DIRECTED BY THE OWNER.
- 22. BALANCING OF AIR AND HYDROLOGIC SYSTEMS SHALL BE PERFORMED BY AN NEER OR AISC CERTIFIED TEST AND BALANCE AGENCY.
- 23. DUCT PENETRATIONS OF SMOKE PARTITION WALLS SHALL BE PROPERLY SEALED TO RESIST THE PASSAGE OF SMOKE AS REQUIRED BY THE LOCAL AUTHORITY.
- 24. ON DUCT TAKE-OUTS TO DIFFUSERS, GRILLES, AND REGISTERS, DAMPERS SHALL BE INSTALLED TO MAINTAIN THE BALANCE OF THE SYSTEM. THE BALANCING DAMPER SHALL BE LOCATED IN THE DUCT IMMEDIATELY AFTER THE DUCT TAKE-OUT AT THE MAIN DUCT CONNECTION.
- 25. SEE SPECIFICATIONS FOR DUCT INSULATION AND DUCT LINER REQUIREMENTS.
- 26. SEE SHEET 5-AHAT ENLARGED FIRST FLOOR MECHANICAL ROOM PLAN FOR ADDITIONAL INFORMATION.
- 27. PROVIDE TURNING VANES FOR ALL LITTED ELBOWS.
- 28.

HVAC PLAN KEYNOTES


- 1. COMBINATION FIRE/SMOKE DAMPER
- 2. PROVIDE VOLUME DAMPER IN VERTICAL DROP TO GRILLE OR DIFFUSER
- 3. NEW FLEXIBLE DAMPER SHALL BE TYPE RS LOW ON WALL. SEE ARCHITECTURAL PLANS FOR DETAILS
- 4. PROVIDE NEW 18"X6" EXHAUST AIR LOUVER
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- 6. PROVIDE NEW OUTSIDE AIR DUCTWORK AS SHOWN AND CONNECT TO EXISTING AHU
- 7. PROVIDE NEW 36"X24" RELIEF AIR LOUVER
- 8. REPAIR EX-18"X6" SA & SA UP TO FLOOR LEVEL ON 4TH FLOOR. CAP AND SEAL AIR TIGHT
- 9.
- 10.

NOTE: NOT ALL KEYNOTES MAY BE USED ON EACH PLAN



1F 1ST FLOOR HVAC PLAN  
1/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS

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