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1. COORDINATE ALL SERVICE INTERRUPTIONS WITH COTR.
2. REFER TO ARCHITECTURAL, REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING DIFFUSERS, REGISTERS, AND GRILLES.
3. ALL HEATING WATER PIPING RUNNINGS TO VAV BOX REHEAT COILS SHALL BE 3/4" UNLESS OTHERWISE NOTED.
4. ALL RUNNINGS TO VAV BOXES OR DIFFUSERS SHALL BE SAME SIZE AS NECK, UNLESS OTHERWISE NOTED.
5. PROVIDE VOLUME DAMPERS AT ALL RUNNINGS TO GRILLES/DIFFUSERS.
6. FABRICATION AND INSTALLATION OF HVAC WORK IS TO COMPLY WITH SMACNA AND ALL APPLICABLE CODES.
7. INSTALL MANUAL AIR VENTS AT ALL HIGH POINTS OF CHWS/CHWR & HWS/HWR PIPING SYSTEMS. INSTALL FLEX PIPING CONNECTIONS AT ALL EQUIPMENT CONNECTIONS.
8. ALL BALANCE REPORTS, OPERATION AND MAINTENANCE MANUALS AND START-UP REPORTS ARE TO BE SUBMITTED TO THE OWNER AND ENGINEER UPON COMPLETION OF THE PROJECT.
9. DUCT SIZES SHOWN ON PLANS INDICATED MINIMUM REQUIRED CLEAR INSIDE DIMENSIONS. SEE NOTES AND/OR SPECIFICATIONS FOR INSULATION TYPE AND STANDARDS.
10. PROVIDE FLEXIBLE CONNECTION ON DUCT INLET AND OUTLET CONNECTIONS TO ALL AIR HANDLING UNITS, EXHAUST FANS, ETC. WHERE EQUIPMENT HAS ROTATION PARTS OR MOTORS.
11. PROVIDE TURNING VANES AT ALL 90° RECTANGULAR ELBOWS. INSTALL VANES TANGENT TO THE AIR STREAM. WHERE DUCT DIMENSIONS REQUIRE TURNING VANES TO BE 24" OR GREATER IN LENGTH THE TURNING VANES MUST BE DOUBLE THICKNESS.
12. COORDINATE FINAL PLACEMENT OF ALL THERMOSTATS AND/OR SENSORS WITH ARCHITECTURAL FINISHES. WALL MOUNTED CEILING THERMOSTATS TO BE REPRESENTATIVE. MOUNT THERMOSTATS AT 60" A.F.F. ANY THERMOSTAT THAT IS REQUIRED TO BE MOUNTED ON A WALL PRIOR WALL MUST BE MOUNTED ON AN INSULATED PAD.
13. PROVIDE AND INSTALL TYPE "L" COPPER P-TRAPPED CONDENSATE DRAIN LINES FOR EACH A/C UNIT OR COOLING COIL. P-TRAPS TO BE OF THE DEPTH AS REQUIRED TO PROVIDE A TRAP SEAL. STATIC HEIGHT EQUIVALENT OF TWO (2) INCHES. THE PRESSURE RATING OF THE FAN, BUT NO LESS THAN 2" STATIC. ROUTE DRAINS AS REQUIRED.
14. DURING CONSTRUCTION, AFTER START-UP OF HVAC SYSTEMS, CONTRACTOR MUST MAINTAIN AND/OR REFERENCE ON A REGULAR SCHEDULE ALL FILTERS IN THE HVAC SYSTEM. (3) DAYS BEFORE EQUIPMENT IS TO BE TURNED OVER FOR OWNER ACCEPTANCE, THE CONTRACTOR MUST REPLACE ALL AIR FILTERS WITH NEW FILTERS. DO NOT OPERATE HVAC SYSTEMS WITHOUT FILTERS IN PLACE.
15. UNLESS NOTED OTHERWISE, PITCH OF STEAM PIPING SHALL BE 1:500, AND PITCH OF STEAM CONDENSATE SHALL BE 1:250. REDUCING FITTINGS SHALL BE EGOUGH TO MAINTAIN CONTINUOUS SLOPE AT BOTTOM OF FITTING.
16. PROVIDE MINIMUM 12" STATIC LIFT FOR STEAM TRAP OPERATION. SPACE PERMITTING, PROVIDE 18" LIFT.



Figure 1 is a schematic diagram of the test facility. It shows a complex layout of rooms and corridors. At the top, there is an 'AREA OF WORK'. Below this, 'BLDG 8' and 'BLDG 1' are labeled. 'BLDG 1' contains a 'COMMUNICATIONS CENTER (CLO)'. To the right of 'BLDG 1' is a 'MECHANICAL ROOM (CLO)'. Various rooms are numbered 1 through 28. Some rooms are marked 'ELECT' for electrical equipment. A compass rose in the top right corner indicates 'NORTH' is towards the top right. A legend at the bottom left identifies symbols for 'ELECTRICAL EQUIPMENT', 'ELECTRICAL PANEL', and 'ELECTRICAL CLOSET'.

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