


MECHANICAL ROOM 015

SCALE: 1:50



GENERAL HEATING NOTES:

- 1. INSTALL IN ACCORDANCE WITH NATIONAL BUILDING CODE (LATEST EDITION), NATIONAL PLUMBING CODE OF CANADA (LATEST EDITION), AND LOCAL AUTHORITY HAVING JURISDICTION.
- 2. NOT ALL NECESSARY CONTROL VALVES, BALANCING VALVES, FLOW MEASURING STATIONS OR SHUT OFF VALVES ARE SHOWN. REFER TO SCHEMATICS AND DETAILS FOR THE GENERAL INTENT AND PROVIDE AS NECESSARY FOR A FULLY FUNCTIONAL SYSTEM AND TO FACILITATE MAINTENANCE. SHUT OFF AND BALANCING VALVES SHALL BE PROVIDED AT EVERY END OF LINE COMPONENT. SHUT OFF VALVES SHALL BE PROVIDED AT EVERY BRANCH.
- 3. INSTALL VALVES TO FACILITATE MAINTENANCE ACCESS. PROVIDE ACCESS PANELS IN ALL HARD SURFACES AS NECESSARY TO FACILITATE MAINTENANCE ACCESS TO EQUIPMENT.
- 4. PROPERLY SUPPORT ALL PIPING AND ASSOCIATED EQUIPMENT FROM THE BUILDING STRUCTURE. DESIGN AND PROVIDE SECONDARY STEEL AS NECESSARY.
- 5. ALL PIPING SHALL BE INSULATED IN ACCORDANCE WITH THE SPECIFICATIONS AND TO MEET THE MINIMUM REQUIREMENTS OF THE MODEL NATIONAL ENERGY CODE FOR BUILDINGS.
- 6. AVOID HIGH SPOTS IN PIPING. WHERE HIGH SPOTS ARE UNAVOIDABLE PROVIDE AN AUTOMATIC AIR VENT AND PROPERLY DRAIN.
- 7. PROVIDE CAPPED AND VALVE DRAIN CONNECTIONS AT ALL PIPING LOW POINTS.
- 8. ALL PIPE PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE INSTALLED USING A ULC LISTED ASSEMBLY. REFER TO THE ULC DIRECTORY FOR THE PROPER FIRE/SMOKE STOPPING REQUIREMENTS FOR EACH WALL AND PIPE TYPE.
- 9. PROVIDE INFORMATION TO THE ENGINEER ON INTERFERENCES PRIOR TO INSTALLATION.
- 10. PRIOR TO INSTALLATION THE OWNER RESERVES THE RIGHT TO BE ABLE TO REPOSITION ANY PIECE OF MECHANICAL EQUIPMENT WITHIN 3m OF THE LOCATIONS INDICATED WITHOUT COST OR CREDIT TO THE CONTRACT.
- 11. DRAWINGS DO NOT SHOW ALL REQUIRED CHANGES IN ELEVATION OF PIPING OR DUCTWORK.

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