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1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS ARE MILLIMETRES U.N.O.
3. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM U.N.O.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.

6. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR FINAL CO-ORDINATION AND INSTALLATION OF ALL MECHANICAL SERVICES WITH ALL OTHER SERVICES AND THE BUILDING STRUCTURE.
7. ALL SERVICES WILL BE IDENTIFIED IN ACCORDANCE WITH BS 1710 AND GOOD ENGINEERING PRACTICE. PIPEWORK TO BE RAL 6003.
8. ALL 65MM TO 150 MM LTHW PIPEWORK SHALL BE HEAVY GRADE STEEL WELDED WITH ASSOCIATED WELDED FITTINGS.
9. ALL 15MM TO 50MM LTHW PIPEWORK MEDIUM GRADE STEEL SCREWED/BOSS WHITE AND HEMP.
10. ALL STEEL PIPEWORK ABOVE 65MM TO HAVE TWO COATS OF RED OXIDE PAINT AFTER PRESSURE TESTING AND PRIOR TO APPLYING INSULATION
11. ALL PIPEWORK TO BE PRESSURE TESTED PRIOR TO APPLICATION OF INSULATION.
12. ALL PIPEWORK IN PLANTROOM, RISERS, RECESSED AREAS, BOXING IN OR CEILING VOIDS SHALL BE THERMALLY INSULATED THROUGHOUT USING THE MATERIALS IN ACCORDANCE WITH THE MAKE SPECIFICATION.
13. DRAIN COCKS SHALL BE PROVIDED TO ALL LOW POINTS ON THE SYSTEM.
14. AUTOMATIC AIR VENTS SHALL BE PROVIDED TO ALL HIGH POINTS ON THE SYSTEM.
15. ISOLATION VALVES SHALL BE PROVIDED TO ALL MAIN BRANCHES THROUGHOUT THE SYSTEM.
16. THIS DESIGN DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL AND ELECTRICAL PERFORMANCE SPECIFICATION.
17. ALL MAIN BRANCHES SHALL INCORPORATE COMMISSIONING SETS, DRYS, IVS AND LSVS TO FACILITATE BALANCING IN ACCORDANCE WITH CIBSE CODES, AND IN ACCORDANCE WITH GOOD PRACTICE.
18. THE MECHANICAL CONTRACTOR SHALL ALLOW ALL ANGLAIRES NECESSARY TO DEAL WITH EXPANSION/CONTRACTION.
19. THE CONTRACTOR SHALL ALLOW FOR ALL PIPED SERVICES ROUTED WITHIN UNHEATED AREAS TO BE TRACE HEATED AGAINST FROST DAMAGE.
20. THE CONTRACTOR SHALL ENSURE THE DESIGN AND INSTALLATION OF ALL GAS APPLIANCES, PIPEWORK, FLUES, ETC. ARE IN COMPLIANCE WITH THE GAS SAFETY REGULATIONS, THE CLEAN AIR ACT, AND RELEVANT BRITISH STANDARDS.
21. THE CONTRACTOR SHALL ENSURE ALL PIPEWORK PENETRATING A CAVITY BARRIER OR FIRE COMPARTMENT WALL/SLAB SHALL BE FIRE STOPPED AT THE POINT OF PENETRATION IN ORDER TO MAINTAIN THE INTEGRITY AND REQUIRED FIRE RESISTANCE OF THE FIRE COMPARTMENT.
22. ALL PIPEWORK ROUTED HORIZONTALLY AND VERTICALLY BELOW THE CEILING VOID SHALL BE BOXED-IN OR CONCEALED TO THE ARCHITECTS APPROVAL, AND IN ACCORDANCE WITH THE EMPLOYERS REQUIREMENTS.
23. REFER TO SCHEMATIC DRAWINGS FOR ALL VALVE ARRANGEMENTS FOR THE HEATING SYSTEM AND TYPICAL DETAILS TO TERMINAL DEVICES.
24. COMMISSIONING SETS TO BE PROVIDED AS REQUIRED IN ACCORDANCE WITH THE CIBSE COMMISSIONING CODES.
25. ALL INDOOR FAN COIL UNITS SHALL BE FED (ELECTRICALLY) FROM THE ASSOCIATED EXTERNAL CONDENSING UNIT. ALL EXTERNAL CONDENSING UNITS SHALL BE POWERED VIA LOCAL DISTRIBUTION BOARDS. LOCAL ISOLATORS WILL BE PROVIDED BY THE CONTRACTOR.
26. ALL GROUPED AC UNITS SHALL INCORPORATE A GROUPED CONDENSATE SYSTEM.
27. INSTALL, TEST AND COMMISSION ALL PLANT, PIPEWORK & FITTINGS THAT ARE NECESSARY FOR A COMPLETE WORKING REFRIGERANT SYSTEM.
28. PIPEWORK SHALL BE DESIGNED AND SUPPLIED BY THE REFRIGERATION CONTRACTOR.
29. FINAL REFRIGERANT PIPEWORK SIZING AND ROUTING SHALL BE COMPLETED BY THE SPECIALIST REFRIGERATION CONTRACTOR AND PROPOSALS SUBMITTED TO THE CONSULTANT FOR REVIEW PRIOR TO INSTALLATION.

