



NOTES

- THE CONTRACTOR WILL FULLY COMPLY WITH ALL RELEVANT BRITISH STANDARDS, REGULATIONS, STANDARD CODES OF PRACTICE, METHODS OF WORKING, AND GOOD PRACTICE.
- THE CONTRACTOR SHALL ENSURE THAT ALL PIPEWORK IS INSTALLED AND DESIGNED TO BS806, CIBSE GUIDES, IOP DESIGN GUIDE AND GOOD PRACTICE.
- THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR FINAL CO-ORDINATION AND INSTALLATION OF ALL MECHANICAL SERVICES WITH ALL OTHER SERVICES AND THE BUILDING STRUCTURE.
- ALL SERVICES WILL BE IDENTIFIED IN ACCORDANCE WITH BS 1710 & GOOD ENGINEERING PRACTICE. PIPEWORK TO BE RAL 6003.
- ALL PIPEWORK TO BE COPPER IN ACCORDANCE WITH BS 2781 PART 1 TABLE X.
- WHERE POSSIBLE USE CAPILLARY FITTINGS WITH END FEED FITTINGS TO BE WITH LEAD FREE SOLDER. COMPRESSION FITTINGS CAN BE USED BUT IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE I.M.E. EMPLOYER'S REQUIREMENTS AND EQUIPMENT SCHEDULES.
- ALL O-FIX ISOLATING VALVES TO BE INSTALLED ON ALL FINAL APPLIANCE BRANCH CONNECTIONS INCLUDING WC'S CISTERNS, WASH HAND BASINS, URINAL FLUSHING CISTERNS SHOWERS & CLEANERS SINKS. VALVE TO BE NO MORE THAN 300mm FROM FINAL CONNECTION TO OUTLET.
- ISOLATION VALVES ARE TO BE INSTALLED AS LISTED BELOW. SEE DWS SCHEMATIC FOR DETAILS.
- PIPES TO TOILET AREAS & KITCHENS - RANGES OF WHBs, BOTH HOT & COLD SUPPLIES - ADJACENT TO ALL MAJOR ITEMS OF PLANT/EQUIPMENT - ALL BRANCH CONNECTIONS OFF MAIN DISTRIBUTION PIPE WORK.
- DRAIN OFF COCKS ARE TO BE PROVIDED AT LOW LEVEL TO FACILITATE DRAINING, AND AUTOMATIC AIR VENTS PROVIDED AT ALL HIGH POINTS ON ALL NECESSARY PIPEWORK.
- ALL COLD WATER PIPEWORK SHALL BE THERMALLY INSULATED AND VAPOUR SEALED IN ACCORDANCE WITH THE SPECIFICATION.
- GENERALLY, ALL PIPED SERVICES SHALL BE CONCEALED BEHIND ACCESSIBLE PANELS. ANY EXPOSED PIPE SERVICES ARE TO BE INSULATED AND ISOGRONOMAK SHALL BE USED FOR JACKETING INSULATED PIPEWORK.
- NO PIPEWORK JOINTS TO BE FORMED IN CONCEALED WALLS, FLOORS OR INACCESSIBLE CAVITIES.
- ALL COMPONENTS OF THE DOMESTIC WATER SYSTEM TO BE WWS APPROVED.
- ALL PIPEWORK TO BE IDENTIFIED IN ACCORDANCE WITH BS 1710.
- ALL PIPEWORK TO BE PRESSURE TESTED THROUGHOUT PRIOR TO APPLICATION OF INSULATION.
- THE CONTRACTOR SHALL UNDERTAKE FLUSHING, CLEANING AND CHLORINATION OF DWS PIPEWORK IN ACCORDANCE WITH THE SPECIFICATION.
- DEAD LEGS SHALL BE A MAXIMUM OF 1000mm ON BOTH HOT AND COLD WATER PIPEWORK. HOT WATER PIPEWORK SHALL BE TRACE HEATED THROUGHOUT TO MAINTAIN DESIGN TEMPERATURE.
- THE WATER PRESSURE AT EACH OUTLET SHOULD NOT BE GREATER THAN 1.5BAR AND NOT LESS THAN 0.5BAR. ANY PRESSURE RELIEF VALVES REQUIRED ARE INSTALLED PRIOR TO COMMISSIONING.
- ALL DWH BLENDING VALVES ARE TO FULLY COMPLY WITH THE MECHANICAL SPECIFICATION AND BE COMPLETE WITH INTEGRAL ISOLATING VALVES, STRAINERS AND NON-RETURN VALVES. THE MECHANICAL CONTRACTOR SHALL INCLUDE FOR THE SETTING OF EACH BLENDING VALVE TO 43DEGC TO BE WITNESSED BY THE CLIENT'S REPRESENTATIVE.
- ALL SHOWERS TO BE FITTED WITH THERMOSTATIC MIXER SHOWER VALVE.
- WATER SERVICES TO ALL SANITARYWARE / APPLIANCES SHALL BE INSTALLED TO MANUFACTURER'S INSTRUCTIONS.
- FINAL CONNECTION SIZES TO APPLIANCES:
 - WHB = 15mmØ
 - KITCHENETTE SINK = 22mmØ
 - CLEANER'S SINK = 22mmØ
 - WC = 15mmØ
 - URINAL CISTERN = 15mmØ

LEGEND

- ISOLATING VALVE
- PRESSURE REDUCING VALVE
- THERMOSTATIC MIXER VALVE
- TEMPERATURE CONTROL VALVE
- TEMPERATURE GAUGE
- WATER BOILER
- DC DRAIN COCK
- NRV NON-RETURN VALVE
- SV SAFETY VALVE (90°)
- DCV DOUBLE CHECK VALVE
- HUBT HOSE UNION BB 1/4"
- WD WATER DISPENSER

GENERAL NOTES

ALL DIMENSIONAL LEVELS AND CLEARANCES TO BE CHECKED ON SITE PRIOR TO WORKS COMMENCING. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PROJECT RELATED DRAWINGS, SPECIFICATIONS AND DOCUMENTS AS PART OF A SINGLE PROJECT PACKAGE.

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