



- NOTES:**
- ALL SANITARY WARE, TAP WARE AND WHITE GOODS TO ARCHITECTS SPECIFICATION.
  - THIS DRAWINGS TO BE READ IN CONJUNCTION WITH THE MECHANICAL SPECIFICATION, ARCHITECTS DIMENSIONED LAYOUTS AND ALL OTHER RELEVANT CONTRACT DRAWINGS.
  - ALL INSTALLATIONS TO COMPLY FULLY WITH THE CURRENT WATER BYELAWS, THE REQUIREMENTS OF BS 6700 AND BS-EN-806, THE LOCAL WATER AUTHORITIES AND THE ACOP L8 GUIDANCE FOR THE PREVENTION OF LEGIONELLA
  - ALL FITTINGS, PLANT AND EQUIPMENT TO BE INSTALLED, REGULATED AND TESTED IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTRUCTIONS.
  - ALL PIPEWORK, FITTINGS AND EQUIPMENT TO BE INSTALLED TO PROVIDE SYSTEMS FREE OF AIR LOCKS, WATER HAMMER OR LEAKS.
  - ALL WATER SERVICES TO BE SUPPLIED AND INSTALLED SERVICES IN COPPER PIPEWORK TO BS 2871 PART 1: TABLE X & BS-EN-1057. WHERE COPPER PIPEWORK IS EXPOSED PIPEWORK SHOULD BE CHROME PLATED.
  - ALL FITTINGS TO BE NON-DEZINCIFICATION AND COMPLY WITH BS 864 & BS-EN-1254. ALL CAPILLARY FITTINGS TO HAVE LEAD FREE SOLDER RINGS AS YORKSHIRE POTABLE RANGE. STOPCOCKS, GATE VALVES TO BS 5154. CHECK VALVES TO BS 6282. DRAIN VALVES TO BS-EN-1254.
  - CONNECTIONS TO ALL APPLIANCES SHALL BE FITTED WITH ACCESSIBLE ISOLATION VALVES AND THERMOSTATIC MIXING VALVES TO CONTROL THE HOT WATER OUTLET TEMPERATURES.
  - ALL VALVES TO BE FULLY ACCESSIBLE AND BE PROVIDED WITH IDENTIFICATION LABELS.
  - DRAIN VALVES TO BE PROVIDED AT ALL LOW POINTS IN ALL SYSTEMS.
  - ALL PIPEWORK IN CEILING VOID DUCTS AND ENCLOSURES TO BE THERMALLY INSULATED.
  - ALL EXTERNAL PIPEWORK TO BE TRACED HEATED, THERMALLY INSULATED AND WRAPPED IN A FIBREGLASS RESIN WHICH CURES UNDER ULTRA VIOLET LIGHT CONDITION TO PROVIDE SUITABLE PROTECTION FOR EXTERNAL WEATHER CONDITIONS.
  - ALL FITTINGS TO BE WRAS APPROVED.

- LEGEND:**
- PIPEWORK WITHIN CEILING VOID
  - PIPEWORK AT HIGH LEVEL
  - PIPEWORK AT LOW LEVEL
  - PIPEWORK BELOW FLOOR SLAB
  - LABORATORY BCWS
  - EXISTING BCWS TO BE PROTECTED AND RETAINED

- ABBREVIATIONS:**
- MWS - MAINS WATER SERVICE
  - BCWS - BOOSTED COLD WATER SERVICE
  - HWSF - HOT WATER SERVICE FLOW
  - HWSR - HOT WATER SERVICE RETURN
  - DTL/L - DOWN TO LOW LEVEL
  - RTA - RISE TO ABOVE
  - DFA - DROP FROM ABOVE
  - EWH - ELECTRIC WATER HEATER

S4 - P01	26/01/2024	STAGE 3 CAT-B ISSUE	AG	MT
SUIT-REV	DATE	DESCRIPTION	DRN	CHK
STATUS				

**STAGE 3**

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PROJECT INFORMATION			
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DRAWING INFORMATION			
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