

FILENAME: Z:\PROJECTS\313293 - TOL - REVELLER PROJECT\07\HAH DRAWINGS\02 CAD\03 MECHANICAL\313293-HAH-01-00-D-M-05310.DWG | PLOTTED DATE: 29 October 2025 09:44:00

THIS DRAWING IS INDICATIVE AND REPRESENTS ONLY THE DESIGN INTENT, THE CONTRACTOR MUST PRODUCE FULLY CO-ORDINATED WORKING / INSTALLATION DRAWINGS AS REFERRED TO IN THE CONTRACT DOCUMENTATION

WATER SERVICES NOTES

- DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS INDICATED ARE IN MILLIMETRES
- DRAWING TO BE READ IN CONJUNCTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS & ALL RELEVANT BRITISH STANDARD DOCUMENTS
- ALL INSTALLATIONS TO COMPLY FULLY WITH CURRENT WATER BYELAWS, REQUIREMENTS OF BS 6700, BS-EN-806 AND LOCAL WATER AUTHORITIES
- 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 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 TO BE ADEQUATELY SUPPORTED THROUGHOUT ITS LENGTH
- ALL PIPES PASSING THROUGH FIRE STOP BARRIERS TO BE SLEEVED BEYOND THE BARRIER TO A MINIMUM LENGTH OF 300mm WITH BARRIER FIRE STOP MATERIAL
- ALL PIPEWORK IN CEILING VOID DUCTS AND ENCLOSURES TO BE FULLY INSULATED. PIPEWORK WITHIN FLOOR VOIDS TO HAVE ARMOURFLEX INSULATION DUE TO SPACE RESTRICTION.
- ALL SANITARYWARE TO BE FITTED WITH FLOW RESTRICTION VALVE TO COMPLY WITH CURRENT REGULATION
- EACH FLOOR BRANCH OFF TO BE FITTED WITH PRESSURE REDUCING VALVE

WATER SERVICES LEGEND

- MAINS COLD WATER SERVICE (MCWS)
- BOOSTED COLD WATER SERVICE (BCWS)
- BOOSTED SOFTENED COLD WATER SERVICE (BSWS)
- CAT5 COLD WATER SERVICE (C5CWS)
- SOFTENED HOT WATER FLOW PIPEWORK (HWSF)
- SOFTENED HOT WATER RETURN PIPEWORK (HWSR)
- CAT5 HOT WATER FLOW PIPEWORK (C5HWS)
- CAT5 HOT WATER RETURN PIPEWORK (C5HWR)
- PIPEWORK WITHIN FLOOR VOID
- PIPEWORK AT LOW LEVEL
- PIPEWORK AT HIGH LEVEL
- PIPEWORK WITHIN CEILING VOID
- PIR SENSOR

ABBREVIATIONS

- CV CEILING VOID
- HL HIGH LEVEL
- LL LOW LEVEL
- DFA DROP FROM ABOVE
- DTB DROP TO BELOW
- RFB RISE FROM BELOW
- RTA RISE TO ABOVE
- L TO R LEFT TO RIGHT / RIGHT TO LEFT
- T TO B TOP TO BOTTOM / BOTTOM TO TOP
- D/W DISH WASHER
- G/W GLASS WASHER
- SHR SHOWER
- WHB WASH HAND BASIN
- WM WASHING MACHINE

P06 DRAFT TENDER ISSUE	ZA	JH	GWR	29.10.25
P05 STAGE 4B ISSUE	ZA	JH	GWR	18.07.25
P04 STAGE 4B ISSUE	ZA	JH	GWR	13.06.25
P03 STAGE 4A ISSUE	ZA	JH	GWR	04.06.25
P02 STAGE 3 ISSUE	ZA	JH	GWR	26.11.24
P01 STAGE 3 COORDINATION ISSUE	ZA	JH	GWR	08.11.24
REV DESCRIPTION	BY	CHK	APP	DATE

Project Status: DRAFT TENDER ISSUE



Project: 313293
TOWER OF LONDON
REVELLER

Drawing Title:
GROUND FLOOR
WATER SERVICES LAYOUT

Scale @ A1 1:100	Date OCT 2024	Engineer ZA	Revision P06
---------------------	------------------	----------------	-----------------