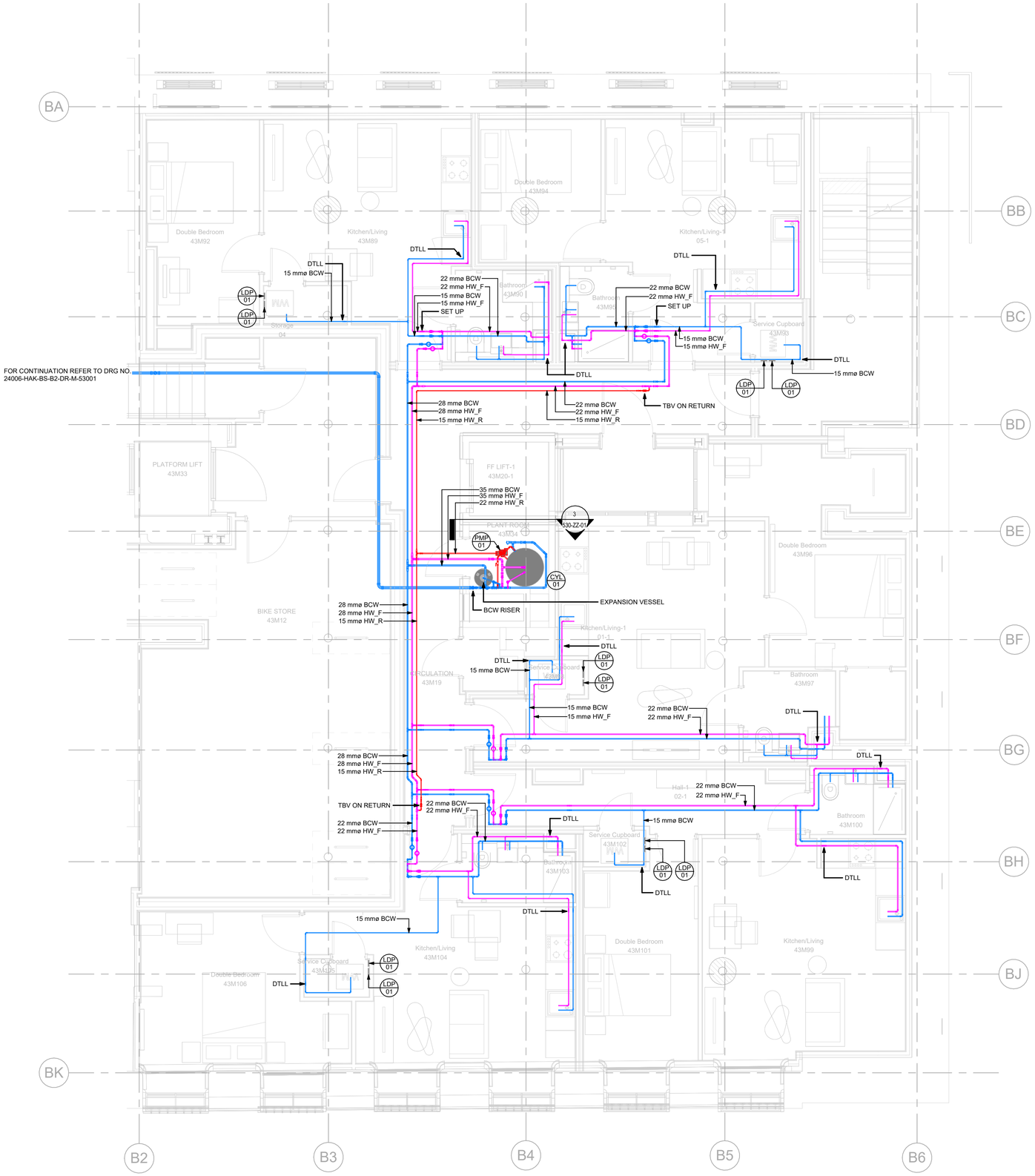

1 530-B1-01-DOMESTIC WATER
1 : 50

WATER SERVICES LEGEND

	Mains Water Supply (MWS)
	Domestic Hot Water Suppy (HW_F)
	Domestic Hot Water Return (HW_R)
	Boosted Cold Water Supply (BCW)
	CAT5 Boosted Water Supply (CAT5)
	Leak Detection Panel (LDP)
SET DN	Set Pipework Down
SET UP	Set Pipework Up
DTLL	Drop to Low Level
RTA	Rises to Above
RFB	Rises from Below
IV	Isolation Valve
GLV	Globe Valve
NRV	Non Return Valve
LSV	Lockshield Valve
TPRV	Temp & Pressure Relief
ERV	Expansion Relief Valve
DOC	Drain Cock
TBV	Thermal Balancing Valve
DCV	Double Check Valve
TD	Tundish

WATER SERVICES NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DRAWINGS AND DOCUMENTATION BEFORE COMMENCING WORK.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE M&E SERVICES SPECIFICATION. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE SPECIFICATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. DO NOT SCALE FROM THIS DRAWING.
4. THERE SHALL BE NO CHANGES TO THE PROPOSALS WITHOUT THE AGREEMENT OF THE ENGINEER.
5. THIS DRAWING SHOULD BE READ IN COLOUR.
6. THE CONTRACTOR SHALL PROVIDE OPERATION AND MAINTENANCE MANUALS, AS FITTED DRAWINGS AND BUILDING LOG BOOK IN ACCORDANCE WITH CIBSE TM31.
7. CONTRACTOR TO CONDUCT A SITE VISIT PRIOR TO THE SUBMISSION OF A TENDER RETURN TO FAMILIARISE THEMSELVES OF THE SITE AND THE EXTENT OF WORKS REQUIRED. - NO CLAIMS SHALL BE MADE FOR ADDITIONAL COSTS AS A RESULT OF THIS NOT HAVING TAKEN PLACE.
8. THE WATER SERVICES SHALL BE INSTALLED IN FULL ACCORDANCE WITH THE REQUIREMENTS OF THE WATER (WATER FITTINGS) REGULATIONS 1999 AND BS6700.
9. ALL SERVICES SHOWN ON THIS DRAWING INCLUDING SUPPORT BRACKETS & SUPPLEMENTARY STEELWORK SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.
10. THE WATER SERVICES PIPEWORK WILL BE CONCEALED WITH A PLUMBING CONCEALMENT SYSTEM OR PIPE BOXING, AS DETAILED BY THE ARCHITECT. SHOULD EXPOSED PIPEWORK BE REQUIRED, THE PIPES SHALL BE PAINTED OUT.
11. ALL PIPEWORK SHALL BE INSULATED AS PER THE SPECIFICATION.
12. ALL VALVES SHALL BE ACCESSIBLE AND SHALL BE FITTED WITH IDENTIFICATION LABELS AS PER THE SPECIFICATION. THE LABELS SHALL IDENTIFY THE SERVICE, THE AREA IN WHICH IT SERVES AND SHALL BE NUMBERED IN ACCORDANCE WITH THE VALVE SCHEDULE.
13. DRAIN COCKS TO BE INSTALLED AT LOW POINTS AND SHALL BE KEPT AS SHORT AS POSSIBLE. WHERE PIPEWORK CAN BE DRAINED INTO A SUITABLE RECEPTACLE, DRAIN COCKS SHALL NOT BE REQUIRED.
14. AUTOMATIC AIR VENTS TO BE INSTALLED AT ALL HIGH POINTS.
15. ALL STEEL WORK FOR THE SUPPORT OF PLANT AND PIPEWORK SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR.
16. ALL PIPEWORK PASSING THROUGH WALLS AND FLOORS SHALL BE SLEEVED.
17. CONTRACTOR TO INCLUDE FOR CO-ORDINATING HIS WORK WITH ALL OTHER TRADES.
18. ALL PIPEWORK PASSING THROUGH FIRE BARRIERS AND WALLS SHALL PASS THROUGH FIRE SLEEVES.
19. CONTRACTOR TO ALLOW FOR ALL NEW PIPEWORK SYSTEMS TO BE CHLORINATED AND TESTED PRIOR TO HANDOVER.
20. ALL HOT AND COLD OUTLETS TO BE COMPLETE WITH LOCAL ISOLATING VALVES OF THE COMBINED BALL VALVE/STRAINER/ CHECK VALVE TYPE.
21. ALL HOT WATER RETURN OUTLETS SHALL BE FITTED WITH A THERMAL BALANCING VALVE. THERMAL BALANCING VALVES TO BE COMPLETE WITH ISOLATION VALVES UPSTREAM AND DOWNSTREAM.
22. THE SUCCESSFUL CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND CONFIRMING THE INCOMING PIPEWORK SIZES AND FURTHER LIAISING WITH LOCAL WATER AUTHORITY TO COORDINATE THE NEW SERVICES CONNECTIONS.

Date	Description	Rev.	By
28/11/2024	Revised Based on Updated Arch Model	P02	MS/UR
14/06/2024	Issued for Tender	P01	UR

Revision Description

hulley & kirkwood consulting engineers

Manchester Office

2 Commercial Street
Castlefield
Manchester
M15 4RQ

T: 0161 832 2030
E: hk.manchester@hulley.co.uk

...Making Buildings Work

Project:
Piccadilly Warehouse, Bloom Street

Drawing Title:
DOMESTIC WATER LAYOUT LEVEL B1

ISO 19650 Drawing Number:
24006-HAK-BS-B1-DR-M-53001

Project	Originator	Functional Breakdown	Spatial Breakdown	Form	Discipline	ServiceNumber

Scale:	As indicated	**Creation Date:**	10/06/2024
Revision:	P02	**Rev Date:**	28/11/2024
Drawn By:	U.Rehan	**Checked By:**	A.Moore
		Approved By:	P.Metcalf
Arch Rev:	24006-HFR-BS-ZZ-M3-A-9801_P3		
Struct Rev:	N/A		

Issue Status:
TENDER

A1

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