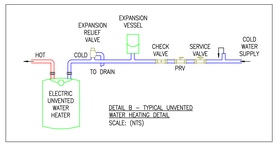
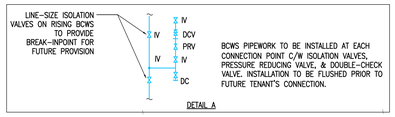
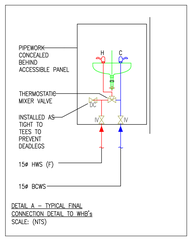


DETAIL B – TYPICAL UNVENTED WATER HEATING DETAIL
SCALE: (NTS)



BCWS PIPEWORK TO BE INSTALLED AT EACH CONNECTION POINT C/W ISOLATION VALVES, PRESSURE REDUCING VALVE, & DOUBLE-CHECK VALVE. INSTALLATION TO BE FLUSHED PRIOR TO FUTURE TENANT'S CONNECTION.

DETAIL A



DETAIL A – TYPICAL FINAL CONNECTION DETAIL TO WHB's
SCALE: (NTS)

1 MECHANICAL SERVICES DOMESTIC WATER LAYOUT LEVEL 00

1 : 100

THIS DRAWING IS FOR INFORMATION ONLY DO NOT SCALE

CDM REGULATIONS

HAZARDS	DATE NOTED	DATE MITIGATED	RISK ASSESSMENT DATE

DOMESTIC WATER SUPPLY NOTES:

1. DRAWING TO BE READ IN CONJUNCTION WITH SPECIFICATIONS & SCHEMATICS.
2. REPORT ANY DISCREPANCIES TO THE DRAWING ORIGINATOR IMMEDIATELY.
3. ALL DIMS ARE IN MM UNLESS STATED OTHERWISE.
4. DOMESTIC SERVICES SHALL COMPLY WITH BS EN 806, CIBSE GUIDE G, THE BUILDING REGULATIONS & HSE ACOP L8 FOR LEGIONELLA PROTECTION.
5. SUITABLE BACKFLOW PREVENTION MUST BE PROVIDED.
6. ALL DOMESTIC PIPEWORK SHALL BE COPPER TO BS EN 1057 (FORMALLY TABLE X).
7. ALL FINAL CONNECTIONS TO BE 15MM UNLESS STATED OTHERWISE.
8. ALL FINAL CONNECTIONS SHALL BE COMPLETE WITH FINAL SERVICE VALVE.
9. FLOW RESTRICTORS SHALL BE FITTED TO ALL TAPS TO ACHIEVE FLOW RATES DETAILED IN THE ARCHITECTS N13 SPECIFICATION.
10. TMV'S (THERMOSTATIC MIXING VALVES) SHALL BE PROVIDED TO ALL WASH BASINS. APPLIANCES WITHOUT TMV'S SHALL HAVE WARNING NOTICES TO INFORM USERS THAT WATER IS HOT AND MAY SCALD.
11. ALL LOW POINTS SHALL BE PROVIDED WITH DRAIN COCKS.
12. PIPEWORK SHALL BE THERMALLY INSULATED, EXCEPT ON EXPOSED FINAL CONNECTIONS, WITH VAPOUR BARRIERS FOR COLD SERVICES.
13. ANY EXTERNAL PIPEWORK SHALL BE TRACE HEATED.
14. ALL METERS SHALL BE REMOVED DURING FLUSHING & REPLACED WITH STOOL PIECE.
15. ALL PIPEWORK SHALL BE BOXED IN.
16. VALVES LOCATED ABOVE SOLID CEILINGS SHALL BE PROVIDED WITH SUITABLE ACCESS.
17. ALL PENETRATIONS OF FIRE COMPARTMENTS SHALL BE SUITABLY TREATED AND SEALED.
18. KITCHENETTE & TEAPOINT CONNECTIONS SHALL BE TERMINATED WITHIN 1M OF FINAL APPLIANCE, WITH FINAL CONNECTION BY OTHERS.

LEGEND:

	BOOSTED COLD WATER SERVICE (BCWS)
	MAINS COLD WATER SERVICE (MCWS)
	HOT WATER FLOW HWS F)
	HOT WATER RETURN (HWS R)
	CAT 5
	SPRINKLER MAIN
	TRACE HEATING
IV	ISOLATION VALVE
PRV	PRESSURE REDUCING VALVE
T	TEMPERATURE SENSOR
	PUMP
IV	DRAIN COCK
DCV	DOUBLE CHECK VALVE
M	METER
SV	SAFTY RELIEF VALVE
NRV	NON RETURN VALVE
	EXPANSION BELLOWS
A A	ANCHOR POINTS
PIR	PRESENCE DETECTOR
BV	BALL VALVE
FV	FLUSHING VALVE
PG	PRESSURE GAUGE
BMS	BUILDING MANAGEMENT SYSTEM
AAV	AUTOMATIC AIR VENT
T/PG	TEMPERATURE / PRESSURE GAUGE
T/PRV	TEMPERATURE / PRSSURE RELIEF
LBV	VALVE LEVER BALL VALVE
LSV	LOCKSHIELD VALVE
TS	TEMPERATURE SENSOR
DF	WATER FOUNTAIN (DRINKING)
WB	WATER BOILER
DW	DISHWASHER
WM	WASHING MACHINE
TBV	THERMAL BALANCING VALVE
IM	ICE MACHINE
FC	FUME CUPBOARD
DS	DOCKING STATION
WB	WATER BOILER
FS	FLOW SWITCH
SV	SOLENOID VALVE
DTLL	DOWN TO LOW LEVEL
	WATER HEATER

REV	DATE	AMENDMENTS	BY	CKD
P01	24.07.24	ISSUED FOR COMMENT & APPROVAL	DB	SH

FOR COMMENT & APPROVAL

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G&H GROUP OF COMPANIES

CLIENT
G&H BUILDING SERVICES

PROJECT
SUNLIGHT HOUSE
LITTLE QUAY STREET
MANCHESTER M3 3HP

TITLE
MECHANICAL SERVICES DOMESTIC WATER LAYOUT LEVEL 00

SCALE @ A0	1:100	CSD REF	CSD 1298
DRAWN	MW	ENGINEER	DB
STARTED	MAY 24	ISSUED	JULY 24
CHECKED	DB	APPROVED	BW

DRAWING NO. **1298-CSD-XX-00-DR-M-5301** REV: **P01**

Project-Originator-Volume-Level-Type-Discipline-DrawingNumber

ARCHITECTURE IS BASED ON ANOMALY DESIGN ARCHITECTS DRAWING NO. SLH-ANO-PO-00-DR-A-05100 (CD1) LEVEL 00 PLAN
REDEVED 03.06.2024

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